

October 2-6
Valencia, Spain

CIRSE 2010

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INTERVENTION

ANNUAL
MEETING AND
POSTGRADUATE
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MAIN
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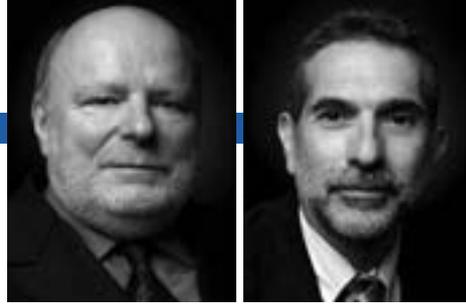
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TIPS ENDOPROSTHESIS

Dear Colleagues,



We are delighted to present the programme for CIRSE 2010 to you. Since our wonderful and very successful meeting in Lisbon, the Scientific Programme Committee has been working diligently to improve the activities and sessions even more, compiling another great line-up for CIRSE: the world's top platform for specialists in all minimally invasive image-guided procedures.

The concept of main topics running parallel to avoid overlap has been further expanded, adding neuro interventions as the seventh topic to transcatheter embolization, non-vascular interventions, interventional oncology, vascular interventions, clinical practice and imaging.

The introduction of an extended neuro interventional section was conceived to address the expanding role of the interventional radiologist in the management of stroke in hospitals over the world. Stroke prevention, imaging and treatment will be discussed in three special sessions. In addition, delegates will have the chance to have a closer look in three dedicated workshops and one hands-on workshop.

Another novelty at CIRSE 2010 will be a series of workshops organised in cooperation with the European Federation of Radiographer Societies. With this initiative CIRSE is trying to establish closer ties with the allies who help us provide optimal patient care on a daily basis. We very much look forward to welcoming our radiographer colleagues to CIRSE 2010 and hope that this will be the start of a fruitful collaboration.

After meeting Brazil in 2009, CIRSE will meet the Hispanic countries of Latin America at CIRSE 2010, providing an interesting insight into IR practice in this vast continent. As part of the "CIRSE meets" initiative we will also offer a session in cooperation with the European Society of Anaesthesiology.

This year's hands-on workshops will focus on embolotherapy and for the first time, as already mentioned, on the increasingly important topic of stroke therapy. The Foundation Courses will be dedicated to vascular interventions, one of the most popular topics at our meetings, as well as interventional oncology.

As you can see, CIRSE 2010 will offer sessions, courses and workshops on every aspect of IR. In order to provide a better overview of this comprehensive programme, you will find a timetable on pages 68 to 71.

Regarding congress venue it is hard to think of a better place than the beautiful city of Valencia. Located on Spain's sunny Azahar Coast, it offers everything you can ask of a city; a beautiful town centre dating back all the way to Arab and Roman times, outstanding modern architecture and a way of life you can only find in Spain.

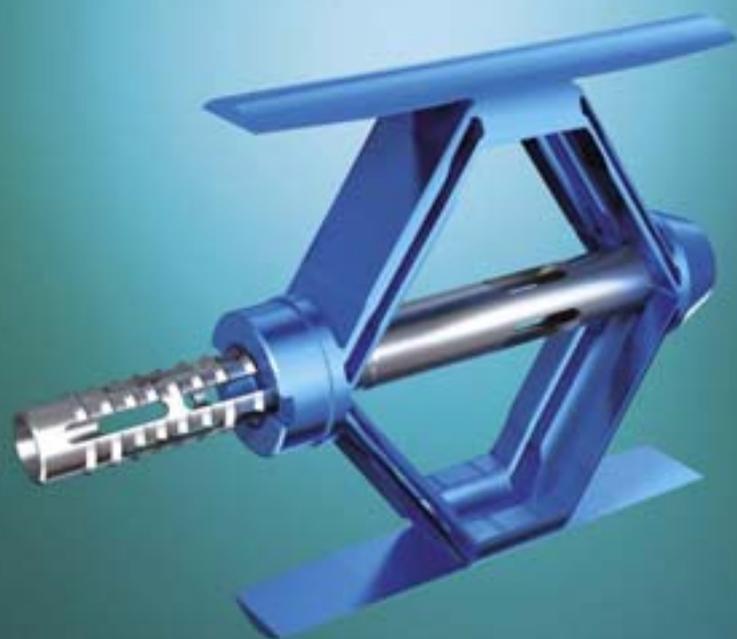
Hosting major international events, Valencia furthermore offers the perfect infrastructure for our meeting. The state-of-the-art congress centre Feria de Valencia offers us sufficient room to grow while at the same time providing us with the intimacy of no parallel meetings.

We hope that you will be able to come to Spain for CIRSE 2010, which will undoubtedly be an unforgettable meeting.

Jan H. Peregrin
CIRSE President

Elias Brountzos
Chairman of the Scientific Programme Committee

Preop



Postop



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Dear Colleagues,



I feel very proud of and committed to the great task CIRSE has granted me of chairing the Local Host Committee for our 2010 meeting in my hometown of Valencia. I am aware of the great responsibility that has been delegated to me and I hope that together with my co-chairmen and committee I will be able to contribute to yet another great CIRSE congress, keeping up and hopefully even surpassing the standard of our previous meetings. We know that this will not be easy, but we hope that together with a great, state-of-the-art and well-structured scientific programme and the beauty of our city of Valencia we will rise to the challenge.

The city of Valencia is located in the centre of Spain's Mediterranean coast and is well connected to the rest of Europe. Valencia is probably best known for its gastronomy (most of all for its paellas), and the Fallas festival in which enormous statues depicting the vices and follies of mankind are displayed for a week and then burned in one night. It nicely symbolizes various aspects of our culture – music, street life, passion, fire, creativity, humour and having a great time.

Valencia has developed enormously in the last decade. Today it is a city well-known throughout the world for its sporting events, such as its Formula One races and the America's Cup. The spectacular "City of Sciences and Arts" has made it a centre of modern architecture. Despite the increase in attention Valencia has experienced, it has managed to maintain its old charms. It is a big city, yet easy to get around in. Its beautiful old town centre reverberates with Mediterranean energy and there are many beaches nearby.

CIRSE 2010 will take place October 2-6 in the state-of-the-art compound of the Feria de Valencia. It is a modern and spacious, yet comfortable congress centre located 5 km from the historic city centre and only a five minute drive from Valencia's international Manises Airport. There are several bus lines connecting the congress venue with the city centre. The Feria de Valencia will offer us 231,000 m² of exhibition space and 11,191 m² of lecture rooms, big enough to host 8,000 people. All this space will allow for a particularly comfortable congress atmosphere and an excellent industry exhibition.

We are very much looking forward to hosting another fantastic CIRSE meeting in Valencia. We know that CIRSE's great success and the growth it has experienced in recent years would not be possible without the work of the Executive Committee, the Central Office in Vienna and the Scientific Programme Planning Committee which has prepared another programme as comprehensive and interesting as always. It is this work that has contributed greatly to making Interventional Radiology one of the most attractive specialties with a high impact on patient care and the treatment of many diseases.

The Spanish Society of Interventional Radiology (SERVEI) who recently joined CIRSE as a Group Member will also do its best to contribute to the success of CIRSE 2010, providing its infrastructure and knowledge to CIRSE as part of the Local Host Committee. CIRSE 2010 will not only be an important international meeting, but also greatly further our specialty within Spain.

I look forward to welcoming you all in Valencia and will do my best to make sure that you will have an unforgettable time there!

A handwritten signature in black ink, appearing to read 'J. Palmero da Cruz'.

Julio Palmero da Cruz
Chairman of the CIRSE 2010 Local Host Committee

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Awards and Honours

CIRSE Gold Medallists

2010	F.S. Keller
2009	J. Lammer
2008	J.E. Abele, B. Cook
2007	A. Adam
2006	B.T. Katzen
2005	J.F. Reidy
2004	J. Struyven
2003	Ch. L. Zollikofer
2002	J. Göthlin, J.-J. Merland, E.P. Zeitler
2001	E. Boijesen, F. Olbert, F. Pinet
2000	P. Rossi
1999	A. Lunderquist
1998	D.J. Allison
1997	R.W. Günther

CIRSE Distinguished Fellows

2010	O. Akhan, W.P.Th.M. Mali
2009	A.A. Nicholson, A.C. Roberts
2008	K. Mathias, H.P. Rousseau
2007	K.H. Barth, D.A. Kelekis
2006	A. Rosenberger, G. Simonetti
2005	F.S. Keller, A.J. Roche
2004	A. Besim, B. Läubli, P.R. Mueller, R. Yamada,
2003	K. Hiramatsu, F. Joffe, H. Uchida
2002	Cl. L'Herminé, J.-M. Rius, M.R. Dean
2001	J.M. Bigot, J. Edgren
2000	J.C. Gaux, L. Horváth
1999	U. Tylén
1998	A. Essinger
1997	J.H. Göthlin, J. Struyven
1996	M. Amiel, P. Rossi
1995	U. Erikson
1994	D.J. Allison
1993	E.P. Zeitler
1992	I. Enge, A. Lunderquist, F. Olbert
1991	A. Pinet, F. Pinet
1990	A. Baert, L. Di Guglielmo, G. Van Andel
1989	J.-L. Lamarque, R. Passariello
1988	E. Boijesen, C. Puylaert, E. Voegeli

Gruentzig Lecture

2010	D. Vorwerk
2009	R. Lencioni
2008	C. Becker
2007	J.C. Palmaz
2006	L. Solbiati
2005	A.C. Roberts
2004	E.-P. Strecker
2003	K.R. Thomson
2002	P.A. Gaines
2001	B.T. Katzen
2000	J. Struyven
1999	S. Wallace
1998	R.W. Günther
1997	P. Rossi
1996	J. Rösch
1995	D.J. Allison
1994	E.P. Zeitler

Roesch Lecture

2010	J.I. Bilbao
2009	M.D. Dake
2008	J.A. Kaufman
2007	K. Ivancev
2006	L. Machan
2005	H.P. Rousseau
2004	F.S. Keller
2003	J. Rösch

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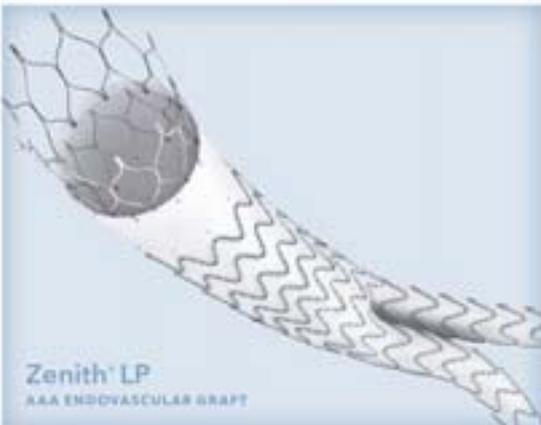
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Gold Medallist

Frederick S. Keller

Dr. Frederick S. Keller has served as the Chair of Diagnostic Radiology at Oregon Health & Sciences University (OHSU) since 1992 and as the Director of the Dotter Interventional Institute since 1993. As the Cook Professor of Interventional Therapy and Professor of Diagnostic Radiology, Surgery and Cardiovascular Medicine, he is active in the clinical and academic aspects of Interventional Radiology.

Dr. Keller's students have recognized his academic contributions and commitment to teaching. Residents of both the radiology and internal medicine departments named him outstanding teacher and best radiology discussant. Over his career, Dr. Keller has been responsible for training 75 fellows in Interventional Radiology and introducing Interventional Radiology to over 200 diagnostic radiology residents.

His clinical expertise in interventional treatment is also noteworthy. Dr. Keller has authored over 240 scientific papers and book chapters and delivered or participated in more than 1,000 lectures, panels and exhibits all over the world. He has served on the editorial boards for Cardiovascular and Interventional Radiology, Journal of Interventional Radiology, Seminars in Interventional Radiology, and the Journal of Vascular and Interventional Radiology.

Dr. Keller graduated from Swarthmore College in 1964 and received his medical degree from the University of Pennsylvania in 1968. He then completed an internship at the University of Wisconsin Hospital and Clinics in 1969. Following a two year tour of duty in the military service, Dr. Keller completed a residency in Diagnostic Radiology at OHSU in 1977. He was chief resident and a fellow of the American Cancer Society in 1976-1977. Certified by the American Board of Radiology in 1977, Dr. Keller received a Certificate of Added Qualification in Vascular and Interventional Radiology in 1994 and was recertified in 2003. He has served as an examiner for this certificate.

Dr. Keller is active in the Interventional Radiology professional community. He belongs to numerous vascular and interventional radiology organizations.

Between 1990 and 1999, he held various leadership positions in the Society of Cardiovascular and Interventional Radiology (SCVIR), including serving as Executive Council Chair and President. As President of SCVIR, he collaborated with Professor Andreas Adam to ensure that CIRSE received SCVIR's documents on standards. These documents were instrumental in the development of CIRSE's standards.

Together with Prof. Josef Rösch and Prof. Jan H. Peregrin, Dr. Keller organized the Dotter Institute Interventional Radiology meeting in Prague between 1994 and 2002. This meeting was the precursor to CIRSE's European School of Interventional Radiology (ESIR). Dr. Keller also served on the Board of Directors of the Cardiovascular and Interventional Radiology Research and Educational Foundation (CIRREF) between 1996 and 2000 and became chairman in 1999. He was the president of the Western Angiographic and Interventional Society in 2003. Presently, he is Chair of the SIR Foundation Development Committee and Co-Chair of the Discovery Fundraising Campaign.

Dr. Keller has received many honours related to his career in Interventional Radiology, including: Honorary Professor at the Third Beijing University School of Medicine, Beijing, China; Professor Titular of the Faculty of Medicine, University of Buenos Aires, Argentina; honorary membership in the Japanese Radiology Society; Advisory Editor of the Chinese Journal of Interventional Imaging and Therapy; Distinguished Fellow of CIRSE; Gold Medal of the Society of Interventional Radiology; honorary membership in the European Society of Radiology and the Czech Republic Society of Interventional Radiology and honorary fellowship in the Royal College of Radiologists. In 2005, the Cook Group established an endowed chair, the Frederick S. Keller Chair of Interventional Radiology, in his honour at the Oregon Health and Science University.

Dr. Keller and his wife Annette have been married for forty-two years. They have two children.

CIRSE Opening Ceremony and Awards

Frederick S. Keller will be awarded

Saturday, October 2
16:00 - 18:00
Auditorio Principal



Distinguished Fellow

Okan Akhan

Prof. Okan Akhan is a Professor of Radiology at the Radiology Department of Hacettepe University in Ankara, Turkey. He was born in Birecik in 1956. Prof. Akhan pursued his medical education at the Eskişehir Faculty of Medicine of Hacettepe University where he graduated in 1981. After living in England for a year, he returned to Ankara and started his residency in radiology at Hacettepe University. He completed his residency in 1987, became assistant professor in 1988, associate professor in 1989 and professor in 1996 at the same university.

During his classical angiography education in 1984-1985, centres for Interventional Radiology separate from classical angiography did not exist in Turkey. Prof. Akhan therefore went to Lund University in Sweden to study Interventional Radiology and abdominal imaging. Upon his return to Turkey, he founded the first Interventional Radiology unit within the Radiology Department at Hacettepe University in 1987. Since then, he has been working in non-vascular Interventional Radiology and abdominal radiology. He also taught as a visiting professor at Louven University, Brussels, for six months in 1997.

Prof. Akhan is committed to training the next generation of radiologists, teaching medical students and residents at all levels. He is a member of five international radiology associations and has served as board member of CIRSE, as well as the European Society of Abdominal and Gastrointestinal Radiology (ESGAR). In 2003, Prof. Akhan headed the Local Host Committee of the CIRSE meeting in Antalya.

In 2008, Prof. Akhan presided over the ESGAR congress and in 2009, he was the chairman of the Balkan Congress of Radiology. Over the years, he has worked on various committees of the European Congress of Radiology, such as the Programme Planning Committee for the 2008 meeting. He has served as a member of the Scientific Programme Committee of the Balkan Society of Radiology for the last three years.

Prof. Akhan is a member of five national societies in the field of Radiology. He co-founded the Turkish Society of Interventional Radiology with some of his colleagues and served as its president between 2001 and 2005. He was elected as the president again in 2008 and has headed the society since then. In December 2009, Prof. Akhan was elected president of the Turkish Society of Radiology for 2010/11.

Prof. Akhan has been the editor-in chief of "Diagnostic and Interventional Radiology". He has been on the editorial board of CVIR and the European Journal of Radiology. Furthermore, he has served as a referee in eight international and seven national scientific journals.

Prof. Akhan's works have been awarded ten times at national and international meetings. He is a fellow of CIRSE and ESGAR. In 2008, he was elected as an honorary member of the Hungarian Society of Radiologists. In the same year, he received ESGAR's "Certificate of Merit" award for his work in the field of abdominal radiology. Prof. Akhan was elected as an associate member of the Turkish Academy of Sciences in 2000 and he was honoured to be accepted as a full member to the Academy in 2008. Since then he has chaired the "Human Rights Committee" and "Publishing Committee" within the organisation.

Prof. Akhan is the author or co-author of over 150 articles published in peer-reviewed journals and 120 oral or poster presentations at numerous international scientific meetings and congresses. His articles have been cited more than 1,400 times. He has given more than 100 invited lectures at international congresses. He is the author or co-author of over 100 articles published in Turkish journals and over 200 oral or poster presentations presented at national scientific meetings and congresses. He has been invited as a lecturer more than 100 times to national meetings in Turkey. He has written 15 book chapters in Turkish and English.

Prof. Akhan is one of the founders of the Human Rights Foundation of Turkey and has been a member of its Board since 1990. He was one of the pioneers founding more than 5 treatment centres for torture victims with the Human Rights Foundation of Turkey. He has been a very active volunteer in the treatment of torture victims and co-authored a "Torture Atlas" on this very important issue. Prof. Akhan has also served as a council member of the International Rehabilitation Council for Torture Victims between 1993 and 2009. He continues to be a committed activist for peace and human rights.

Prof. Akhan has been married to Elif for ten years. They have a daughter, İdil, who is 9 years old. He loves travelling, reading, cinema and tennis. He is also a wine lover who enjoys wine tastings and visiting vineyards.

CIRSE Opening Ceremony and Awards

Okan Akhan will be awarded

Saturday, October 2

16:00 - 18:00

Auditorio Principal



Distinguished Fellow

Willem P.Th.M. Mali

Willem Mali was born in 1948 in Utrecht, in the centre of the Netherlands. He studied medicine at Utrecht University where he started his radiology training in 1975 under Prof. Carl Puylaert and Prof. Cees Klinkhamer. At that time, the first PTAs were carried out in the Netherlands by Piet van Andel. These PTAs were called "Dotters", as they are still widely called in Holland.

In 1979, Willem Mali did a co-fellowship in cardiovascular radiology at UCLA under Antoine Gomez. Upon his return to the Netherlands he started performing Interventional Radiology procedures in the Utrecht Academic Hospital. Prof. Mali wrote his PhD thesis on the percutaneous treatment of varicoceles. In 1987, he became head of the Department of Radiology of the Utrecht Academic Hospital and subsequently Professor of Radiology.

In 1992, Prof. Mali became responsible for clinical research at the Department of Radiology. Since that time, he has tutored 60 PhD students who obtained their thesis under his supervision. Most of these theses related to vascular and interventional subjects. He has initiated and participated in many large scale studies, many of them randomized, to obtain answers to important questions on the value of new diagnostic and interventional procedures.

Some examples of these studies are the DIST trial (iliac stent placement), ABC trial (carotid MRA), RES NOVA and STAR study (renal stent), COBRA (stereotactic breast biopsy), VERTOS (vertebroplasty), MONET (value of breast MRI), ICSS (carotid stent) and the NELSON study (lung cancer screening with CT).

In the last few years, Prof. Mali's research has been focused on MRgHIFU and optical imaging. He is the author of around 350 peer-reviewed articles and book chapters. He has served as a reviewer of numerous journals, including European Radiology, Radiology, Stroke and Lancet.

Prof. Mali served as the Secretary of the Educational Board of the Dutch Radiological Society for eight years and introduced the Sandwich course, i.e. the main part of post graduate education, in the Netherlands.

In the last 10 years, Willem Mali has served on several committees of the Dutch Health Council, most recently as the Chairman of the Committee on the Introduction of Colon Cancer Screening. He has been a member of the Committee on Signalling New Developments in Cancer of the Dutch Cancer Foundation. He is also a member of the Scientific Committee of the Dutch Heart Foundation. In addition, Prof. Mali is a member of numerous national and international societies.

CIRSE Opening Ceremony and Awards

Willem P.Th.M. Mali will be awarded

**Saturday, October 2
16:00 - 18:00
Auditorio Principal**



Gruentzig Lecturer

Dierk Vorwerk

Dierk Vorwerk was born in 1958 in Düren and raised in Düren, Ankara and Mainz. He attended medical school in Mainz and Cape Town, South Africa. After graduating in 1983 and completing his military service, Dr. Vorwerk joined the Department of Radiology at the University of Technology in Aachen headed by Prof. Rolf Günther. He completed his radiology training in 1990 and served as a consultant at the same department. After being its deputy chairman from 1996-1998, he was appointed Chairman of the Department of Diagnostic and Interventional Radiology at the Klinikum Ingolstadt, an 1100-bed teaching hospital in the south of Germany, and has held the position since then.

In his academic career Prof. Vorwerk was appointed as an associate professor in 1992 and full professor in 1996. He has published more than 200 papers and book chapters and more than 250 abstracts in the field of radiology with special focus on ultrasound, interventional radiology and computerized tomography. His main fields of interest are vascular interventions, stroke therapy and embolization techniques.

Prof. Vorwerk was awarded the Wilhelm Conrad Röntgen Award in 1993 and the Hermann Holthusen Award in 1996 by the German Roentgen Society and the Mackenzie Davidson Memorial Lecture by the British Institute of Radiology in 1999.

He is an honorary member of the Turkish Society of Interventional Radiology and the South African Vascular Society (VASSA). Prof. Vorwerk has furthermore been honoured with the chairmanship of the 2008 German Radiology Congress.

Prof. Vorwerk has served as reviewer, consultant and editorial board member of many radiological and medical journals, including JVIR, JEVIT, CVIR, NDT, RoeFo and Kidney International, as well as European Radiology. He was appointed as editor in chief of CVIR in 2003, a position he has held until today. Within CIRSE he has served in various executive committee positions, heading the society from 2000 to 2001.

Dierk Vorwerk has been married to his wife Kirsten for more than 25 years and is the proud father of two beautiful girls, Gianna and Carlotta. His only male companion within the family is his dog, Leo. In his free time, Dierk enjoys horse riding on Icelandic horses, running, travelling, good wines and cooking: the latter as an enthusiastic but dabbling amateur.

Andreas Gruentzig Lecture

**Cooking and interventional radiology:
What do they have in common?**

**Sunday, October 3
14:15 - 16:00
Auditorio Principal**

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www.cirse.org

Venue

Feria Muestrario Internacional de Valencia
Avd. de las Ferias s/n
46035 Valencia, Spain
Phone: +34 90274 7330
Fax: +34 90274 7345
www.feriavalencia.com

Online Pre-Registration

Pre-registrations through our website www.cirse.org will be accepted **until September 29, 2010**. After this date, onsite registration at the Feria Valencia will be possible. Please refer to the opening hours below.

Onsite Registration

The registration desks will be located next to the main entrance in the registration hall.

Onsite registration desk opening hours

Friday, October 1	16:00-18:00
Saturday, October 2	07:00-18:00
Sunday, October 3	07:30-18:00
Monday, October 4	07:30-18:00
Tuesday, October 5	07:30-18:00
Wednesday, October 6	07:30-11:00

Onsite check-in procedures

Delegates must check in personally at their respective registration desk in the Registration Hall. An express lane for pre-registered delegates who are already in possession of the badges will be available. Participants who did not receive their badges before leaving their home country are requested to bring their letter of confirmation or a copy of their invoice.

After July 22, 2010

CIRSE Member	€ 655
Non Member	€ 950
Student/Resident/Nurse/Technician*	€ 475

* *to be accompanied by a certificate signed by the head of department if the attendee is not a Junior Member of CIRSE*

Reduced registration fees for CIRSE 2010 are only available for those members who have been in good standing with CIRSE in 2009 and 2010.

Individuals who become CIRSE members 2010 will be able to benefit from reduced congress fees starting at CIRSE 2011.

Additional information

All CIRSE 2010 registrants will be able to print out an invoice of the registration using their personal login details at www.cirse.org.

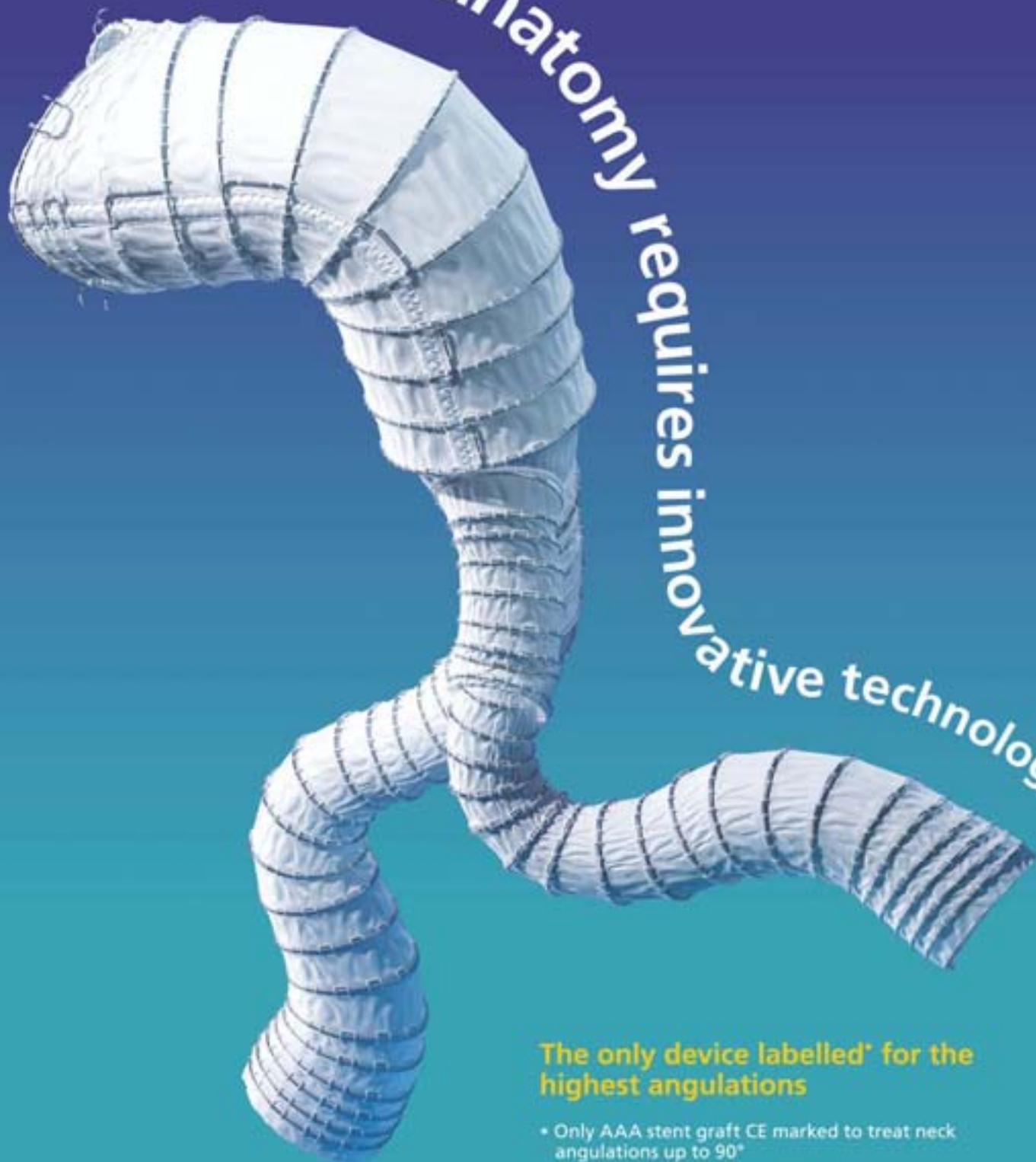
Invoices will be issued by
 CIRSE Congress Research Education GmbH,
 Neutorgasse 9, 1010 Vienna, Austria
 CIRSE 2010 registrations are deemed as VAT exempt based on article 20 of the Spanish VAT Law 37/1992.

Cancellation of congress registration

CIRSE offers all participants the possibility of taking out cancellation insurance with our partner "Europäische Reiseversicherung" (see www.cirse.org). CIRSE will not provide refunds after a cancellation of registration. All requests for refund have to be issued to the "Europäische Reiseversicherung".

Name changes will be handled as a cancellation and new registration.

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Badges

After successful registration and payment, your personal congress badge and further information will be sent to the address indicated on your online registration form (registrations received and paid by **August 6**). All participants registered after August 6 will receive their badges at the registration desk. Your personalised badge is your admission card to the congress. For organisational and security reasons, badges have to be worn at the congress venue at all times. A lanyard will be given to you with the congress bag. Identity checks in the congress centre may occur at any time. In case of loss, a replacement badge will only be provided at an administrative charge of € 80.

Publication in CVIR

Meeting abstracts as printed in this book will be published by Springer in an electronic supplementary issue of CVIR, the official CIRSE journal, and are therefore citable publications. We strongly encourage submission of the complete manuscript of any oral or poster presentation for publication in the journal, preferably in an electronic version through its website (<http://mc.manuscriptcentral.com/cvr>). Please note that submissions have to comply with the "Guidelines of Authors" specified in every issue of CVIR.

Main Programme & Abstract Book

A copy of the "Main Programme & Abstract Book" is provided in every congress bag. The bags will be handed out at the congress check-in. Additional copies may be purchased at the registration desk at a rate of € 40 per book.

EPOS Opening Hours

Saturday, October 2	07:30-18:30
Sunday, October 3	07:30-18:30
Monday, October 4	07:30-18:30
Tuesday, October 5	07:30-18:30
Wednesday, October 6	07:30-12:30

Onsite EPOS staff will be glad to assist you during these hours.

Credit Allowance

The Cardiovascular and Interventional Radiological Society of Europe is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.

CIRSE 2010 is designated for a maximum of 26 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

EACCME credits are recognized by the American Medical Association towards the Physician's Recognition Award (PRA).

To convert EACCME credit to AMA PRA category 1 credit, contact the AMA.

Certificate of Attendance

To obtain your certificate of attendance, you can choose one of the following options:

Print your certificate onsite at the congress

From 14:00 on Monday, October 4, you can use one of the dedicated workstations **in the registration hall** to print your certificate. All you need is your congress badge.

Print your certificate at home

After the congress you will be able to print your certificate of attendance at www.cirse.org. All you will have to do is to give your last name and badge number.

Disclaimer

CIRSE cannot accept any liability for the acts of the suppliers to this meeting or the attendees' safety while travelling to or from the congress. All participants are strongly advised to carry adequate travel- and health insurance, as CIRSE cannot accept liability for accidents or injuries that may occur.

Financial disclosure and conflict of interest statements are printed as part of the appertaining abstracts. Please refer to "Abstracts & Author Index" (page 145 ff of this book), which is also available online as a supplementary issue of CVIR.

Useful Information

Members' Lounge

All members are invited to relax and take a snack in the Members' Lounge which is located on the first floor.

Taking photographs

Please note that any form of recording, filming or photographing of presentation material during the session is strictly forbidden.

Subject to the authors' consent, all presentation material will be made available online on CIRSE's educational platform ESIR.org after the meeting.



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Indications: St. Jude Medical Angio-Seal™ Vascular Closure Device product family, including the STS Plus, VIP and Evolution™ platforms, is indicated for use in closing and reducing time to hemostasis at the femoral arterial puncture site in patients who have undergone diagnostic angiography procedures or interventional procedures using an 8 French or smaller procedural sheath for the 8F Angio-Seal™ Device and a 6 French or smaller procedural sheath for the 6F Angio-Seal™ Device. The Angio-Seal™ STS Plus, VIP and Evolution platform devices are also indicated for use to allow patients who have undergone diagnostic angiography to safely ambulate as soon as possible after sheath removal and device placement, as well as to allow patients who have undergone an interventional procedure to safely ambulate after sheath removal and device placement. Possible adverse events for vascular closure devices include, but are not limited to, bleeding or hematoma, air bubble or pseudoaneurysm, infection, allergic reaction, foreign body reaction, inflammation, or edema.

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Shuttle service

CIRSE Travel Service has arranged shuttle buses, available free of charge to all participants staying in one of the official CIRSE hotels.

Points of departure to Feria de Valencia

- **Station 1 – Hotel Expo** with a stop at **Hotel Sorolla Palace**
This station is also for delegates staying at **NH Center** who are kindly asked to go to Hotel Expo and delegates staying at the **Hilton, Eurostars Gran Valencia & Novotel Palacio de Congresos** are kindly asked to go the Hotel Sorolla Palace.
- **Station 2 – Hotels Aqua 3 & Aqua 4**
This station is also for delegates staying at **Meliá Valencia, AC Valencia & Barceló Valencia** who are kindly asked to go to Hotel Aqua 3 & Aqua 4.
- **Station 3 – Hotel Westin Valencia**
- **Station 4 – Hotel Palau de la Mar** with a stop at **NH LasArtes**
- **Station 5 – Hotel Beatriz Rey Don Jaime**
This station is also for delegates staying at **Hotel Holiday Inn & SH Valencia Palace** who are kindly asked to go to Hotel Beatriz Rey Don Jaime.
- **Station 6 – Hotel Abba Acteon** with a stop at **Silken Puerta Valencia**
This station is also for delegates staying at **Hotel Tryp Oceanic & Solvasa Valencia** who are kindly asked to go to Hotel Abba Acteon.
- **Station 7 – Hotel Olympia Valencia**
- **Station 8 – Hotel Astoria Palace**
- **Station 9 – Hotel Sidi Saler**
- **Station 10 – Hotel La Calderona**

Hotels → Feria de Valencia

Saturday	07:00	07:30	08:00	08:30
Sunday	07:00	07:30	08:00	08:30
Monday		07:30	08:00	08:30 09:00
Tuesday		07:30	08:00	08:30 09:00
Wednesday		07:30	08:00	08:30 09:00

Feria de Valencia → Hotels

Saturday	18:15
Sunday	18:15 to 20:00
Monday	18:15 to 20:00
Tuesday	18:15 to 19:00
Wednesday	12:45

Public Transportation

Metro Valencia operates metros and trams. They run from 05:00 to 23:00 / 23:45.

EMT operates buses. The buses run from about 06:00 to 22:50.

To access Feria Valencia (congress venue) from the city you can use the following public transport:

- Tram (there is only one tram going to Feria de Valencia)
- Bus number 62 and 63
- Metro Line 1 and change to Metro Line 4 in "Empalme"

Single Fare	€ 1.40
Return Fare	€ 2.40
Full Price 1 day	€ 10.00
Full Price 2 days	€ 16.00
Full Price 3 days	€ 20.00

For detailed information and more transportation rates, please refer to the Metro Valencia (www.metrovalencia.com) or EMT website (www.emtvalencia.es).

Taxis

Taxis will be available in front of Feria de Valencia. The costs to go to the city center are approximately € 15.00 / 20.00 (note there is an extra charge for luggage carriage).

The costs to go to City of Arts and Sciences area are approximately € 20.00 / 25.00.

CIRSE Opening Ceremony & Awards

Saturday, October 2, 2010

16:00-18:00

Auditorio Principal

*Chairmen: J. Palmero da Cruz (Valencia/ES),
J.H. Peregrin (Prague/CZ)*

Gold Medallist: F.S. Keller (Portland, OR/US)

Laudation: J.H. Peregrin (Prague/CZ)

Distinguished Fellow: O. Akhan (Ankara/TR)

Laudation: E. Brountzos (Athens/GR)

Distinguished Fellow: W.P.Th.M. Mali (Utrecht/NL)

Laudation: J.A. Reekers (Amsterdam/NL)

EPOS Awards

CVIR Editor's Medal

Flamenco performance by Pepe Pucherete and the Quejíos

Pepe Pucherete and the Quejíos performing live at CIRSE 2010

Flamenco is a lifestyle and art form, and is also an individual way to express our feelings which is part of our cultural roots. Flamenco dance is a unique cultural expression from Spain, growing on ancient roots, and as already said, expressing all the passion of human emotions: from pain and suffering to joy and exuberance.

This performance will show various different aspects of flamenco. It will be a full and enjoyable immersion in the Spanish culture.



Run S.M.A.R.T. & Soccer Cup

Saturday, October 2, at 18:30 Polideportivo Municipal de Burjassot, Valencia

We are delighted to invite you all to the **run S.M.A.R.T.** and the **Soccer Cup** taking place on Saturday, October 2, at 18:30, immediately after the CIRSE Opening and Award Ceremony.

The soccer field of the newly renovated sports complex "**Polideportivo Municipal de Burjassot**" (address: Calle de Teodoro Llorente, 46100 Burjassot, Valencia) is surrounded by a 400 metre running track, so participants have the option of either joining the run (distance to run will be 3km), playing soccer or simply enjoying from the sidelines.

Since Athens, it has become a wonderful tradition to hold the Soccer Cup on Saturday evening, and the run S.M.A.R.T. on Sunday morning, attracting more than 100 participants per event.

The winners of our 2009 Soccer Cup, France, are eager to defend their title - rise to the challenge and join one of our teams!

If you would like to attend one of the events or receive more information, kindly send a short email with your contact details to Ms. Judith Maron (maron@cirse.org). **Deadline to register is September 23, 2010.**

Shuttle buses from the congress centre to the sports area will be provided, as well as a delicious buffet of snacks and cold drinks.

All visitors are most welcome!



How to navigate the scientific programme in this book

The programme is designed to facilitate itinerary planning allowing delegates to follow one of these themes with little or no overlap. In this book you will find colour codes for each of the seven main themes. Those codes can be found throughout the whole programme (programme overview, main theme description, programme in chronological order). This way you will easily recognise your topics of interest.

TRANSCATHETER EMBOLIZATION

Transcatheter embolization, by now an integral part of the daily practice of most interventional radiologists, will be represented by an extensive educational programme on offer at CIRSE 2010. For the first time ever at the CIRSE annual meeting, a Hands-on Workshop dedicated to "Embolization: materials and tools" will be held. Participants will gain insight into the handling of the available embolization tools and materials, such as coils, plugs, glue and onyx. Furthermore, the "Virtual reality" Hands-on Workshops will take place in a revised format called "Hands-on Masterclasses". Among other topics, the Special Sessions will cover the current status of UFE, causes and treatment of various kinds of haemorrhage, trauma management and vascular malformations. Delegates who would like to learn in an informal atmosphere and wish to work up cases with experts, are kindly invited to attend the Workshops and Interactive Case Sessions dedicated to conditions typically managed by embolization, such as pelvic congestion syndrome, varicoceles, obstetric haemorrhage, pulmonary AVM and uterine fibroids, just to mention a few.

NON-VASCULAR INTERVENTIONS

Several sessions will once again be devoted to non-vascular topics, such as abscess drainage, biliary, bone and spine interventions. For more and more interventional radiologists performing musculoskeletal interventions, pain management has become an integral part of their work. Considering this, the CIRSE 2010 programme will offer a Special Session on lower back pain and a Workshop which will analyse the role of interventional radiology in pain relief. We are delighted to announce that the especially popular Hands-on Workshops on "Skeletal interventions/vertebroplasty & kyphoplasty" will be held again. Three sessions will be offered in which participants will have the opportunity to practice needle placement, cement preparation and injection.

CLINICAL PRACTICE

Clinical practice was introduced as a new educational track within the CIRSE annual meeting in 2007. Since then, every annual meeting has offered sessions devoted to clinical practice topics. These typically analyse the current role of interventional radiologists in the clinical environment, and develop protocols for additional clinical practice involvement for IRs. This year, the programme committee has composed five Special Sessions and a Workshop addressing clinical aspects in the management of PAD and myomata. The Special Session "New frontiers in IR" will deal with forward-looking procedures and technology, such as nanotechnology, and will demonstrate the opportunities and limitations in their appliance. Furthermore, there will be a session devoted to occupational hazards in IR. One lecture will focus on radiation risk as one of the major hazards for interventional radiologists, while another lecture will demonstrate strategies for radiation protection and reduction. Aspects of clinical practice will not only be dealt with in sessions specifically labelled as "clinical practice" topics. Issues such as patient referral, the relationship with other clinical services, and the management and follow-up of patients will be addressed in many sessions, producing a common pathway throughout the whole session programme. After a very successful premiere at CIRSE 2009, the course on "Health Economics" will be run again at CIRSE 2010. In a series of 4 consecutive sessions, knowledge about the basic principles of cost effectiveness and decision-making processes in healthcare systems will be imparted. In addition, there will be a Special Session dedicated to health economics, in which cost effectiveness will be discussed. As an example, the costs of SFA PTA will be compared with those of medical therapy.

VASCULAR INTERVENTIONS

Vascular interventions are still representing the lion's share of the wide range of treatments and procedures interventional radiologists can offer today. With this in mind, the programme committee has yet again created a large number of sessions in this field. After a 1-year break, there will once again be a Foundation Course on vascular interventions, catering to the learning needs of radiologists in training and young IR colleagues. In 2010, the course will focus on critical limb ischemia, abdominal aortic aneurysm, venous thromboembolism and carotid stenting. In the Special Sessions and Workshops, there will be much emphasis on aortic aneurysm repair and the treatment of occlusive diseases, and some lectures addressing the comparison between endovascular and open surgery methods. In the ever-popular controversies session, for example, there will be a debate about fenestrated EVAR versus open surgery. As for the Hands-on Workshops: an additional time slot has been allocated to the "IVC filters" Hands-on Workshop, which made its successful debut with two fully booked sessions at CIRSE 2009. The "Closure devices" Hands-on Workshops are also still enjoying great popularity and will again be on the programme of CIRSE 2010, as well as the "Virtual reality" Hands-on Workshops which will take place in a revised format called "Hands-on Masterclasses".

NEURO INTERVENTIONS

More and more interventional radiologists are getting involved in neuro interventions nowadays. For example, many of them are being increasingly asked to perform thrombolysis and recanalization procedures in stroke patients both in and out of normal working hours. In order to stay abreast of this trend, CIRSE would like to boost the educational coverage in the field of neuro interventions, and introduces a new main topic at CIRSE 2010. A mini-course of 3 Special Sessions will deal with the essentials of stroke management, with one session dedicated to imaging and indications, another session to treatment, and, last but not least, a session on the prevention of stroke. "Stroke therapy" is also the topic of a Hands-on Workshop, which will be held at CIRSE 2010 for the first time ever. Participants will have the opportunity to test several devices specifically designed for intracranial thrombectomy in a flow model under the supervision of well recognised experts in this field. To top this new neuro-section off, there will also be a Workshop on tips and tricks in stroke management. Furthermore, there will be Workshops on the treatment of intracranial aneurysms and of cerebral arteriovenous malformations.

INTERVENTIONAL ONCOLOGY

A growing number of interventional radiologists are involved in cancer imaging and therapy these days. At CIRSE 2010, there will be an interventional oncology programme for delegates of all levels of experience in the field. For young colleagues who are just starting to become involved in interventional oncology, there will be a Foundation Course covering the basic principles of imaging strategy, patient selection and treatment options in HCC, colorectal liver metastases, as well as in lung and renal tumours. Special Sessions will address the current status in cancer therapy of ablative techniques, embolization, chemoembolization and osteoplasty, to name but a few. Sessions will be dedicated to HCC, bone tumours and colorectal liver metastases. In addition, new cutting-edge information on techniques that have been recently introduced will be offered, such as high intensity focused ultrasound. Workshops of continuing popularity over the years, such as RFA, radioembolization and chemoembolization, will certainly be on the programme again. As the redesign of the former "RFA" Hands-on Workshop into "Tumour ablation" Hands-on Workshop at CIRSE 2009 proved to be a great success, these workshops will be repeated in CIRSE 2010. Participants will be able to access the full range of ablation systems (RFA, cryotherapy, microwave ablation, electroporation).

IMAGING

Profound knowledge of the state-of-the-art imaging techniques and strong imaging skills play a fundamental role in the daily practice of IR. Whether it is patient assessment, the choice of the appropriate guidance technique or patient monitoring and follow-up, the outcome of interventional procedures will always be closely related to the efficiency of pre-, peri- and postprocedural imaging. Taking this into account, CIRSE offers at each annual meeting sessions dedicated to imaging. This year there will be a Special Session on the different techniques of MRA, CTA and ultrasound, and their application in patients with renal failure. MRA and CTA will also be covered in Workshops on a more informal level, supported by case-based presentations. One of the Workshops will focus on coronary CTA and is especially designed for young IR colleagues. Special Sessions on the essentials of cardiac imaging and the imaging assessment of liver tumours will be featured once more in the programme, in response to the sustained interest in these two topics at previous CIRSE congresses.

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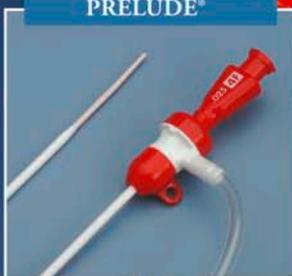
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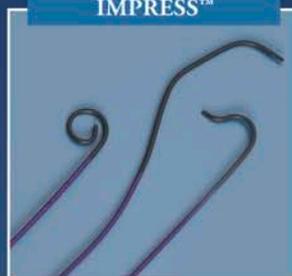
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CIRSE Session Types

Special Sessions

Special sessions are designed to impart the latest knowledge on topics of interest to interventional specialists. These sessions are the backbone of the CIRSE meeting and are specifically chosen by the programme planning committee because of their importance in daily practice.

Foundation Courses

Foundation courses cover a specific area of interventional radiology, focusing on basic principles and illustrating the procedure in a step-by-step fashion. They are designed for radiologists in training, new consultants and/or experienced consultants who require a refresher course on the subject. There will be plenty of time for questions and discussion. Each session will last one hour.

This year, the Foundation Courses will cover two main topics:

- Vascular Interventions
- Interventional Oncology

For the detailed programme, please refer to pages 58/59.

Workshops

At the CIRSE workshops you will have the chance to learn from your colleagues' expertise in an informal, interactive manner. Workshops will include individual cases and discussion points with regard to the particular interventional topic. Attendees can contribute their opinion and ask questions in small groups.

Interactive Case Sessions

CIRSE's interactive case sessions are divided into several topics. After two presenters have shown individual cases, the audience is asked for its opinion on treatment. These interactive sessions provide an excellent learning experience on how to approach and work up difficult cases and deal with complications that may arise.

Hands-on Workshops

The participants of hands-on workshops may follow live demonstrations of interventional techniques and practice certain procedures under the guidance of a technician and/or instructor. This year's workshops will provide an insight into the basic principles and techniques of:

- Closure devices
- Embolization: materials & tools
- IVC optional/convertible filters
- Skeletal interventions/vertebroplasty & kyphoplasty
- Stroke therapy
- Tumour ablation: tips & tricks

The CIRSE Hands-on Masterclasses will offer participants the opportunity to experience simulation and practice the sequencing of selected procedures.

For the detailed programme, please refer to pages 30-34.

Film Interpretation Panel

The film interpretation panel will consist of two teams who will compete against each other. The teams will be given cases to diagnose and suggest treatment. One of the principle aims of the film panel is to demonstrate the approach an expert takes towards the solution of a diagnostic/therapeutic problem. This will be undertaken in an entertaining fashion and is not to be missed. The process will be a team effort.

"CIRSE meets ..." Sessions

These sessions have been introduced in order to establish and consequently strengthen the relations between CIRSE and other societies in the field of vascular therapy. At CIRSE 2010, two sessions are going to be held.

CIRSE's guests will be:

- Latin American Society of Interventionism (SIDI)
- European Society of Anaesthesiology

For the detailed programme, please refer to page 57.

Morbidity & Mortality Conference

The Morbidity and Mortality Conference will analyse interventional radiology cases which lead to complications and/or deaths that could have been avoided. This session provides a valuable learning experience for everyone involved in interventional radiology. The session will be divided into two parts; one section will be dedicated to vascular cases and the second to non-vascular cases.

Free Paper Sessions

Researchers will present original papers on new and original aspects of cardiovascular and interventional radiology. Selected papers will be gathered into sessions, each dealing with a homogenous topic. There will be time for discussion between researchers and attendees after each presentation.

Featured Papers:

In order to achieve a more interactive format to the Free Paper sessions, one paper per session will be highlighted. More time will be dedicated to this featured paper by means of further questions prepared prior to the meeting by the moderator. This will ensure a more structured and thorough discussion of the topic.

Satellite Symposia

Satellite symposia are organised by industrial companies and take place at lunchtime as well as in the morning and in the evening in order to avoid time conflicts with the main scientific programme. During these sessions cutting-edge information on interventional equipment and techniques is provided.

For the detailed programme, please refer to pages 38-44.

Hands-on Workshops

A closer look at closure devices

Coordinator: L. Lönn (Copenhagen/DK)

Instructors: T. Larzon (Orebro/SE), J.C. van den Berg (Lugano/CH)

This workshop will deal with the use of arterial closure devices after endovascular procedures.

An overview of the currently available devices will be given. Indications and contraindications for their use, results and complications will be described to build a solid knowledge base for the participants, on which they can successfully develop their individual experience in the catheterisation service. The focus will be on how to handle the various types of equipment available.

By the end of the workshop the participants should have a good understanding of the spectrum of concepts and be aware of key clues for clinical application.

Learning objectives

- To describe the indications and contraindications of arterial closure devices after endovascular procedures
- To describe an overview of the currently available devices on the market
- To report the results and the complications of current available techniques

CD-HWS 1 **Saturday, October 2**
14:15-15:45

CD-HWS 2 **Sunday, October 3**
16:15-17:45

CD-HWS 3 **Monday, October 4**
16:15-17:45

Location

Sala 2F

Please note that participants need to register in advance at an extra cost of € 60.

The Hands-on Workshop "A closer look at closure devices" is kindly supported by:

- Abbott Vascular
- Cordis
- MAQUET
- St. Jude Medical

Due to limited space and high demand, participants are advised to register for the Hands-on Workshops in advance. Should you not have pre-registered but are interested in participating, please arrive at the respective meeting points well in advance to check availability.



Embolization: materials and tools

Coordinators: M.J. Lee (Dublin/IE), A.A. Nicholson (Leeds/UK)

This Hands-on Workshop on embolization will deal with the use of common embolic agents such as coils, plugs, glue and onyx.

The sessions will cover the basic principles of embolization, the different types of embolics available, how to choose an appropriate embolic agent and how to avoid non-target embolization. The emphasis of the session will be primarily on a hands-on practical approach where participants can handle the various agents mentioned or perform embolization with them.

Learning objectives

- To learn the basic principles of embolization
- To become familiar with four common embolic agent categories
- To choose an appropriate embolic agent
- To correctly use the agent chosen
- To avoid non-target embolization

EMT-HWS 1 **Monday, October 4**
Coils & plugs 16:15-17:45

Instructors: D.P. Brophy (Dublin/IE), J. Golzarian (Minneapolis, MN/US), P.J. Haslam (Newcastle-upon-Tyne/UK), O.M. van Delden (Amsterdam/NL), E.M. Walser (Jacksonville, FL/US)

EMT-HWS 2 **Tuesday, October 5**
Onyx & glue 16:15-17:45

Instructors: P.P. Goffette (Brussels/BE), A.D. Platts (London/UK), L. Spelle (Paris/FR), P. Waldenberger (Linz/AT)

Location

Sala 2A

Please note that participants need to register in advance at an extra cost of € 60.

The Hands-on Workshop "Embolization: materials and tools" is kindly supported by:

- AGA Medical Deutschland GmbH
- Boston Scientific
- Cook Medical
- ev3 Europe SAS
- GEM s.r.l.
- Terumo Europe

Hands-on Masterclass

Coordinators: D.A. Gould (Liverpool/UK), D.O. Kessel (Leeds/UK)

Simulation will feature at CIRSE 2010 in a revised format of four Hands-on Masterclasses all of which are related to the overall scientific programme.

The themes for the masterclasses will be:

- **Critical limb ischemia – Peripheral intervention**
- **Carotid artery intervention: when and how?**
- **Uterine fibroid embolization: tips and tricks**
- **EVAR / Prevention and management of endoleaks**

The new format will move away from didactic lectures and emphasise small group interactive sessions. In the beginning, there will be a 1 hour round table structured, themed discussion. Following this, pairs of delegates will move to the simulators for a further hour of hands-on experience, performing cases while working in turn as “operator” and “assistant”.

Each session will run 2 to 3 cycles, the dates and timings are shown below:

HoM 1 **Saturday, October 2**
Critical limb ischemia - 10:00-14:20
Peripheral intervention

Session organizer: A.-M. Belli (London/UK)

Instructors: P. Gaines (Sheffield/UK), G. Markose (London/UK),
 I. Robertson (Glasgow/UK), O.M. van Delden (Amsterdam/NL)

HoM 1.1 (Group 1)
 10:00-11:00 discussion
 11:00-12:00 simulation (Mentice + Simbionix)

HoM 1.2 (Group 2)
 11:10-12:10 discussion
 12:10-13:10 simulation (Mentice + Simbionix)

HoM 1.3 (Group 3)
 12:20-13:20 discussion
 13:20-14:20 simulation (Mentice + Simbionix)

Learning objectives

- To understand the clinical considerations in CLI including presentation, handling of comorbidities, non-invasive testing and drug treatment
- To learn practical tips about the use of endovascular options, when to use them and why
- To learn how to recognise, manage and avoid complications
- To learn about post procedural care and surveillance
- To understand the evidence and role of other treatment options

HoM 2 **Sunday, October 3**
Carotid artery intervention: 10:00-14:20
when and how?

Session organizer: T.J. Cleveland (Sheffield/UK)

Instructors: F. Fanelli (Rome/IT), S. Macdonald (Newcastle-upon-Tyne/UK), L. Stockx (Genk/BE), D. Turner (Sheffield/UK), J.C. van den Berg (Lugano/CH)

HoM 2.1 (Group 1)
 10:00-11:00 discussion
 11:00-12:00 simulation (Mentice + Simbionix)

HoM 2.2 (Group 2)
 11:10-12:10 discussion
 12:10-13:10 simulation (Mentice + Simbionix)

HoM 2.3 (Group 3)
 12:20-13:20 discussion
 13:20-14:20 simulation (Mentice + Simbionix)

Learning objectives

- To understand which patients may benefit from CAS
- To learn the relationship between CAS and CEA
- To learn the pre-procedural work up for CAS
- To learn practical tips for both routine and challenging cases
- To practice the steps of CAS procedures on VR simulators

HoM 3 **Monday, October 4**
Uterine fibroid embolization: 09:00-13:20
tips and tricks

Session organizer: J.-P. Pelage (Boulogne/FR)

Instructors: T.J. Kroencke (Berlin/DE), O. Limot (Poissy/FR),
 P.N.M. Lohle (Tilburg/NL)

HoM 3.1 (Group 1)
 09:00-10:00 discussion
 10:00-11:00 simulation (Mentice)

HoM 3.2 (Group 2)
 10:10-11:10 discussion
 11:10-12:10 simulation (Mentice)

HoM 3.3 (Group 3)
 11:20-12:20 discussion
 12:20-13:20 simulation (Mentice)

Learning objectives

- To understand the clinical indications of uterine fibroid embolization
- To be familiar with the different technical approaches to uterine fibroid embolization including choice of catheters and embolic materials
- To learn how to recognize, manage and prevent complications associated with uterine fibroid embolization
- To learn about post-embolization follow-up
- To discuss surgical and new treatment options alternative to uterine fibroid embolization

HoM 4 **Tuesday, October 5**
EVAR / Prevention and 09:00-14:10
management of endoleaks

Session organizer: J.V. Patel (Leeds/UK)

Instructors: J.D.G. Rose (Newcastle-upon-Tyne/UK),
 R.G. McWilliams (Liverpool/UK)

HoM 4.1 (Group 1)

09:00-10:00 discussion

10:00-11:00 simulation – EVAR (Simbionix)

11:00-12:00 simulation – Prevention and management of endoleaks (Simbionix)

HoM 4.2 (Group 2)

11:10-12:10 discussion

12:10-13:10 simulation – EVAR (Simbionix)

13:10-14:10 simulation – Prevention and management of endoleaks (Simbionix)

Learning objectives

- To discuss patient characteristics and aortic morphology that increase the risk of endoleaks
- To outline imaging strategies for EVAR follow-up and endoleak detection, including the relative benefits/pitfalls of different imaging modalities
- To understand which endoleaks to treat and when to treat them
- To develop a systematic approach to the treatment of different types of endoleak
- To describe the different management options available for treating endoleaks
- To outline the risks of different interventions for the management of endoleaks

Location

Simulator Gallery (Pavilion 5)

*Each group will consist of 4-8 participants.**Please note that participants need to register in advance at an extra cost of € 60.***The "Hands-on Masterclasses" are kindly supported by:**

- Mentice
- Simbionix

IVC optional/convertible filters*Coordinator: M.R. Sapoval (Paris/FR)**Instructors: P. Larini (Parma/IT), M.J. Lee (Dublin/IE), O. Pellerin (Paris/FR), D.W. Trost (New York, NY/US), A.F. Watkinson (Exeter/UK)*

Optional/convertible IVC filters are widely used in Europe. The technical features of the filters have advantages and disadvantages, which make them either more or less difficult to retrieve/convert. Serious complication can arise when doing inappropriate manoeuvres or when the IR wants to persist in difficult/challenging cases.

The workshop will start with a 10 min introduction focused only on the technical features of the filters available in the room. Participants will have the opportunity to test the filters on models, with the help of experts who will be on hand. Participation will be limited to 20 attendees.

This workshop is aimed at vascular IR who perform IVC filter placement and want to learn the specific techniques of filter extraction/conversion.

Learning objectives

- To learn the basic technical features of optional/convertible filters
- To practice the step by step technique for extraction/conversion
- To learn technical tips and tricks

IVC-HWS 1**Sunday, October 3**

11:30-12:30

IVC-HWS 2**Monday, October 4**

11:30-12:30

IVC-HWS 3**Tuesday, October 5**

11:30-12:30

Location

Sala 2A

*Please note that participants need to register in advance at an extra cost of € 60.***The Hands-on Workshop "IVC optional/convertible filters" is kindly supported by:**

- ALN Implants Chirurgiaux
- Angiotech
- Cook Medical
- Cordis



Skeletal interventions/vertebroplasty & kyphoplasty

*Coordinators: A. Gangi (Strasbourg/FR), T. Sabharwal (London/UK)
Local organizers: F. Aparisi (Valencia/ES), J. Palmero (Valencia/ES)
Instructors: F. Aparisi (Valencia/ES), X. Buy (Strasbourg/FR)*

Percutaneous vertebroplasty is a novel technique in which acrylic cement is injected through a needle into a collapsed or weakened vertebra to stabilise the fracture.

This procedure is effective for treating certain types of painful vertebral compression fractures and some painful or unstable benign and malignant vertebral lesions that fail to respond to the conservative therapies. Kyphoplasty is an adaptation of vertebroplasty. High pressure balloons are inserted into the vertebral bodies and enable the creation of a cavity into which cement can be safely injected.

Continued from the past CIRSE congresses, this workshop will give an insight into the principles and techniques of both procedures.

It will start with a theoretical introduction and a brief review of the principles and indications. This will be followed by a hands-on demonstration. Participants will then have the opportunity to practice needle placement, cement preparation and injection on plastic spine models under fluoroscopic guidance.

Learning objectives

- To understand the basic principles and receive a literature update on the procedures
- To practice and learn needle placement into a spinal vertebral body model by using fluoroscopic guidance
- To learn and practice cement preparation and injection under fluoroscopic guidance

SIV-HWS 1 **Sunday, October 3**
16:30-18:30

SIV-HWS 2 **Monday, October 4**
16:30-18:30

SIV- HWS 3 **Tuesday, October 5**
16:30-18:30

Location

The workshop will be held in Hospital 9 de Octubre, Valle de la Ballestera 59, 46015 Valencia.

Meeting Point

Free transfer is provided from the congress centre to the Hospital 9 de Octubre as well as to drop-off points in the city after the workshop (similar to those of the official shuttles). Please arrive at the meeting point near the Kuoni desk in the main registration area at 15:30 on the respective days.

Please note that participants need to register in advance at an extra cost of € 60.

The Hands-on Workshop "Skeletal interventions/vertebroplasty & kyphoplasty" is kindly supported by:

- ArthroCare
- Medtronic Spinal & Biologics Europe
- OptiMed Medizinische Instrumente GmbH
- Stryker Europe
- Synthes GmbH

Stroke therapy

*Coordinator: K.A. Hausegger (Klagenfurt/AT)
Instructors: J. Gralla (Bern/CH), M. Holtmannspötter (Munich/DE), M. Killer-Oberpfalzer (Salzburg/AT), S. Prothmann (Munich/DE)*

An increasing number of interventional radiologists are involved in intra-arterial stroke therapy; an upcoming therapeutic concept in acute cerebral stroke. Local thrombolysis as well as mechanical thrombectomy seem to have great potential. Several devices are on the market for thrombectomy of the intracranial arterial circulation.

During this workshop the participants will have the opportunity to test several devices specifically designed for intracranial thrombectomy on a flow model under the supervision of recognized experts in this field.

Learning objectives

- To get to know the principles of intracranial thrombectomy
- To become familiar with different devices
- To learn technical tricks for different devices
- To learn to set the right indication for intracranial thrombectomy

ST-HWS 1 **Monday, October 4**
13:30-15:00

ST-HWS 2 **Tuesday, October 5**
08:30-10:00

Location

Sala 2F

Please note that participants need to register in advance at an extra cost of € 60.

The Hands-on Workshop "Stroke therapy" is kindly supported by:

- ev3 Europe SAS
- Penumbra Europe GmbH

Tumour ablation: tips and tricks

Coordinators: T. de Baère (Villejuif/FR), R. Lencioni (Pisa/IT)

The "Tumour ablation" hands-on workshops will give you the opportunity to participate in interactive sessions with experts in the field of ablation based on case presentations.

You will be able to access all available ablation systems (RFA, cryotherapy, microwave ablation, electroporation) in a single location as well as a phantom for ultrasound guided puncture. The first workshop is specifically tailored for people with no or very little experience in ablation who want to start their practice.

Subsequent workshops will each target a different organ in order to address the most challenging cases in daily practice through approaches and methods that can improve the outcome or decrease the chances of complications.

TA-HWS 1 **Saturday, October 2**
Starting your practice 14:15-15:45

Instructors: X. Buy (Strasbourg/FR), R.-T. Hoffmann (Munich/DE), P.L. Pereira (Heilbronn/DE)

Learning objectives

- To understand the basic principles of various ablation techniques, including frictional heating, heat diffusion and heat convection
- To know the technical basis of various probes, antenna and systems including endpoints and monitoring parameters
- To discuss how to handle different equipment available for tumour ablation
- By the end of the workshop the participants should have a good understanding of a range of ablation techniques and be aware of tips and tricks for proper clinical application

TA-HWS 2 **Sunday, October 3**
Liver 16:15-17:45

Instructors: A. Gillams (London/UK), R. Lencioni (Pisa/IT), O. Seror (Bondy/FR)

Learning objectives

- To discuss how to handle different equipment for tumour ablation in liver
- To know predictive factors of success and failure of liver ablation and other ablation techniques, in order to be able to define best indication
- To know main reported complications of liver tumour ablation and the basics for the prevention and treatment of such complications
- By the end of the workshop the participants should have a good understanding of a range of ablation techniques in the liver and be aware of tips and tricks for proper clinical application

TA-HWS 3 **Monday, October 4**
Lung 16:15-17:45

Instructors: L. Crocetti (Pisa/IT), T. de Baère (Villejuif/FR), J. Palussière (Bordeaux/FR)

Learning objectives

- To discuss how to handle different equipment for tumour ablation in lung
- To know predictive factors of success and failure of lung ablation and other ablation techniques, in order to be able to define best indication
- To know main reported complications of lung ablation and the basics for the prevention and treatment of such complications
- By the end of the workshop the participants should have a good understanding of a range of ablation techniques in the lung and be aware of tips and tricks for proper clinical application

TA-HWS 4 **Tuesday, October 5**
Kidney 16:15-17:45

Instructors: D.J. Breen (Southampton/UK), J.-F. Goyers (Liège/BE), R. Oyen (Leuven/BE)

Learning objectives

- To discuss how to handle different equipment for tumour ablation in kidney
- To know predictive factors of success and failure of kidney ablation and other ablation techniques, in order to be able to define best indication
- To know main reported complications of kidney ablation and the basics for the prevention and treatment of such complications
- By the end of the workshop the participants should have a good understanding of a range of ablation techniques in the kidney and be aware of tips and tricks for proper clinical application

Location

Sala 4C

Please note that participants need to register in advance at an extra cost of € 60.

The Hands-on Workshop "Tumour ablation: tips and tricks" is kindly supported by:

- AngioDynamics
- Boston Scientific
- Celon AG Medical Instruments
- Covidien AG
- Galil Medical
- Gammex
- GE Healthcare
- HS Hospital Service S.p.A.

The Orcamp experience

Experience team training in a completely new training cathlab environment!

This year CIRSE will in collaboration with Orzone provide a completely new opportunity for education and interaction with your colleagues in a real life training environment – The Orcamp.

The Training opportunity

CIRSE delegates will have the possibility to train on the specific topic **uterine artery embolization** in life-like situations in dedicated sessions, led by proctors from the CIRSE faculty in the Orcamp Cathlab environment. The actual training equipment in the Orcamp includes a c-arm, control panel, operating table, monitors and of course a patient. The patient is a virtual simulator because of its specific challenges from learning perspectives.

Please note that endovascular experience, also as first operator, is necessary for this educational session.

Learning objectives

- Manage to get optimal images for the chosen anatomy
- Image management
- Radiation protection and radiation safety
- Identifying optimal angles
- Procedural steps based on recommended guidelines
- Decision on how to treat the patient
- Choice of devices
- Communication with team members

Orcamp is a state-of-the-art technical framework for training and assessment of human interaction processes, i.e. cognitive and multidisciplinary team training. Its equipment is specifically directed towards endovascular procedures with an operating table, x-ray equipment and fluoroscopy and control screens. Orcamp can also be used without the x-ray equipment for general surgery or intensive care scenarios. The table is suitable for a patient simulator or virtual reality procedural simulator, but Orcamp can also be used without virtual patient or with an acting patient.

There will be a total of 8 Orcamp training sessions at CIRSE 2010 (each will last approx. 60 minutes):

Saturday, October 2
14:00

Sunday, October 3
10:00, 14:00

Monday, October 4
11:00, 12:30, 14:00

in cooperation with the CIRSE 2010 Hands-on Masterclasses

Tuesday, October 5
10:00, 14:00

Please note that all participants need to register in advance at an extra cost of € 60.

You have the possibility to either register online at www.cirse.org starting August 16 or onsite at the Orcamp registration desk in Pavilion 5.



Technical Exhibition

Exhibition Opening Hours

Saturday, October 2	09:00 - 17:30
Sunday, October 3	09:00 - 17:30
Monday, October 4	09:00 - 17:30
Tuesday, October 5	09:00 - 17:30
Wednesday, October 6	09:00 - 13:00

CIRSE 2010 Exhibitors

(as per date of printing)

Abbott Vascular International
 ActiViews
 AGA Medical
 ALN Implants Chirurgicaux
 Andramed
 AngioDynamics
 Angiotech
 Argon Medical Devices
 ArthroCare
 Atrium Europe
 Bard
 Bayer HealthCare
 B Braun Medical
 BIBA Medical
 Biocompatibles
 Biosphere
 Bioteque
 Biotronik
 Bolton Medical
 Boston Scientific International
 Bracco
 BSD Medical Corporation
 CareFusion
 Celon medical instruments
 CeloNova BioSciences
 Chongqing Haifu (HIFU)
 CIRSE
 ClearStream Technologies
 Cook Medical
 Cordis, Johnson & Johnson Medical
 Covidien
 CVIR
 Delcath Systems
 Dendrite Clinical Systems
 ECIO
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 eucatech
 Europrotex
 ev3 Europe
 Galil Medical
 GE Healthcare
 GEST
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CIRSE 2010: the place to be...

CIRSE is proud to present the largest, most comprehensive technical exhibition in the field of minimally invasive medicine.

More than 80 industry members span a gross exhibition space of over 4,000m² at CIRSE 2010.

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 Imaging Management
 Insightec
 Invatec
 IQ
 IROS
 Kimberly-Clark
 Lifetech Scientific (Shenzhen)
 LINC 2011
 Lombard Medical Technologies
 Maquet
 Mavig
 MDS Nordion
 MDT Medical
 Medcomp
 Medex Research
 Medrad Europe
 Medtronic
 Mentice
 Merit Medical Systems
 Microsulis Medical
 Möller Medical
 Navilyst Medical
 Nova Biomedical
 OptiMed
 Orzone / "The Orcamp experience"
 Philips Healthcare
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 SIR
 Sirtex Medical Europe
 Springer Science
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CIRSE Foundation Party
Tuesday, October 5, at 20:00

L'Hemisfèric, Valencia

Like every year CIRSE is planning a fantastic party to celebrate the conclusion of another successful annual meeting. This year's Foundation Party will take place in one of Valencia's most iconic landmarks - L'Hemisfèric.

Starting off with a cocktail reception to meet and greet colleagues from around the world, the party will then be followed by a seated dinner accompanied by smooth jazz. After enjoying some of Valencia's culinary delights our guests will enjoy a violin concert by Lebanese artist and first violinist of the Madrid Symphony Orchestra Ara Malikian followed by a spectacular display of fireworks.

Make sure to secure your tickets for the CIRSE 2010 Foundation Party!

Online booking on www.cirse.org



Satellite Symposia

(in alphabetical order)

Abbott Vascular

13:00-14:00

SY 1001 Sunday, October 3

BTK treatment at best, based on clinical evidence

Auditorio Principal

Moderator: M. Manzi (Abano Terme/IT)

- 1001.1 Introduction
M. Manzi (Abano Terme/IT)
- 1001.2 BTK treatment: PTA or stenting?
F.E. Vermassen (Ghent/BE)
- 1001.3 BTK treatment: is DES a primary treatment option for focal lesions?
M. Bosiers (Dendermonde/BE)
- 1001.4 Which treatment for which lesion?
M. Manzi (Abano Terme/IT)

Objectives:

- To highlight the different treatment options for BTK lesions
- To discuss device choice depending on lesion type

AGA Medical Corporation

13:00-14:00

SY 1002 Sunday, October 3

AMPLATZER® Vascular Plugs: Advancing the Standard of Care in Peripheral Embolization

Sala 3A

Moderator: C. Ferro (Genoa/IT)

- 1002.1 Treating the Distal and Tortuous Vasculature with AMPLATZER® Vascular Plug 4
U.G. Rossi (Genoa/IT)
- 1002.2 Is the AMPLATZER® Vascular Plug the Optimal Choice for Pulmonary Arterio Venous Malformation Embolization?
F. Thony (Grenoble/FR)
- 1002.3 Outcomes and Experiences of a Prospective Randomized Visceral Trial comparing Microcoils and AMPLATZER® Vascular Plugs
M. Pech (Magdeburg/DE)

Bayer Healthcare

13:00-14:00

SY 401 Saturday, October 2

Key challenges with TACE in HCC: where do we go from here?

Auditorio 1A

Moderator: R. Lencioni (Pisa/IT)

- 401.1 Welcome and introduction
R. Lencioni (Pisa/IT)
- 401.2 What are the challenges with TACE in intermediate HCC?
J. Lammer (Vienna/AT)
- 401.3 What options exist for patients who are unsuitable for or progress on TACE?
R. Lencioni (Pisa/IT)
- 401.4 Is there a potential role for systemic therapy in patients suitable for TACE?
J.-F.H. Geschwind (Baltimore, MD/US)
- 401.5 Summary and conclusion
R. Lencioni (Pisa/IT)

Biocompatibles

07:45-08:20
SY 1400a Monday, October 4 **Sala 3F**
DC Bead - setting the standard in interventional oncology

Moderator: T. de Baère (Villejuif/FR)

- 1400a.1 DC Bead managing metastatic colorectal cancer: clinical experience from Germany
P.E. Huppert (Darmstadt/DE)
- 1400a.2 DC Bead^{MI} managing metastatic disease. Clinical rationale and pilot data.
R.C. Martin (Louisville, KY/US)

07:45-08:20
SY 2100 Tuesday, October 5 **Sala 3F**
DC Bead in HCC, development of treatment recommendations

Moderator: M. Burrel (Barcelona/ES)

- 2100.1 Chemoembolisation - the case for a treatment standard
J.-F.H. Geschwind (Baltimore, MD/US)
- 2100.2 Review of treatment algorithms and procedural standards for DC Bead in HCC
R. Lencioni (Pisa/IT)

Biosphere Medical

11:30-12:30
SY 2301 Tuesday, October 5 **Sala 3A**
HEPASPHERE MICROSPHERES: expanding treatment options

Moderator: T.J. Kroencke (Berlin/DE)

- 2301.1 TACE with Hepasphere in HCC: technical aspects and results in 100 patients
M. Grosso (Cuneo/IT)
- 2301.2 Irinotecan eluting HepaSphere for treatment of colorectal cancer liver metastases: Utilization and clinical results
P.E. Huppert (Darmstadt/DE)
- 2301.3 Prospective randomized study of hqTACE in hepatocellular carcinoma
G. Maleux (Leuven/BE)
- 2301.4 Hepasphere Microspheres: Utilization and clinical results: HCC and Beyond
G. Poggi (Pavia/IT)

Bolton Medical

18:40-19:20
SY 1310 Sunday, October 3 **Sala 3A**
Fluid dynamics in thoracic aortic stent grafting and early clinical experience with the new RELAY NBS PLUS

Moderator: M.S. Hamady (London/UK)

- 1310.1 Computational fluid dynamics in TEVAR: a study performed with the RELAY thoracic stent graft
H. Rousseau (Toulouse/FR)
- 1310.2 Early clinical experience with the new RELAY NBS PLUS thoracic stent-graft
C. Ferro (Genoa/IT)

Boston Scientific

08:00-08:20

SY 700c Sunday, October 3**Sala 3A****Controversies in Uterine Artery Embolization: A Controlled, Randomized Study Comparing Contour SE™ Microspheres to Embosphere™ Microspheres for Uterine Artery Embolization**700c.1 *R. Shlansky-Goldberg (Philadelphia, PA/US)*

15:15-16:15

SY 2503 Tuesday, October 5**Auditorio 1A****The Economics of Innovation - How Premium Technology Can Improve Outcomes & Lower Costs**

2503.1 Procedure Cost versus Treatment Cost: can the Peripheral Cutting Balloon™ lessen the economic burden of Dialysis Fistula Salvage?

K.D. McBride (Dunfermline/UK)

2503.2 Reducing Cost and Time in the Lab: A Prospective, Randomized Study Comparing the Interlock™ Fibered Detachable Coil to Traditional Pushable Coils

O. Dudeck (Magdeburg/DE)

2503.3 Advancing Embolotherapy: Clinical Applications for the Interlock™ Fibered Detachable Coil

*T.J. Cleveland (Sheffield/UK)***CeloNova BioSciences**

14:15-15:15

SY 1702 Monday, October 4**Auditorio 1A****Targeted embolization techniques: an overview of global experience***Moderator: A.J. Smeets (Tilburg/NL)*

1702.1 Bland embolization with Embozene™ for liver and bone tumours: preliminary experience in Japan

H. Mimura (Okayama/JP)

1702.2 Bland embolization and very small microspheres: new opportunities for treatment of liver tumours

P.L. Pereira (Heilbronn/DE)

1702.3 Embozene™ for UFE: a first report on a 100 patient multi centre cohort study

N. Hacking (Southampton/UK)

1702.4 The U.S. Embozene™ experience: what we have learned in 20 months

*D. Siegel (New York, NY/US)***Cook Medical**

13:00-14:00

SY 1701 Monday, October 4**Auditorio Principal****What is the Most Effective Treatment for the SFA?***Moderator: J. Ricke (Magdeburg/DE)*

1701.1 Zilver PTX Single Arm Study: Patency Data

A. Schmidt (Leipzig/DE)

1701.2 Subgroup: Diabetics

G.P.J. Geenen (Breda/NL)

1701.3 Subgroup: Long Lesions & In-Stent Restenosis

M. Bosiers (Dendermonde/BE)

1701.4 New data from the latest Zilver PTX study

M.D. Dake (Stanford, CA/US)

18:10-19:00

SY 2610 Tuesday, October 5**Sala 2G***Programme to be announced.*

Cordis, CCVI

11:30-12:30
SY 1601 Monday, October 4 Auditorio Principal
Treatment strategy for overcoming complex arterial lesions in the lower extremity

Moderator: J.A. Reekers (Amsterdam/NL)

- 1601.1 Techniques and developments to treat long infrainguinal arterial occlusions
A. Amin (West Reading, PA/US)
- 1601.2 How do BTK occlusions differ from SFA lesions
J.A. Reekers (Amsterdam/NL)
- 1601.3 Advanced BTK interventions in diabetic patients
L. Graziani (Brescia/IT)
- 1601.4 BTK revascularization in 1.400 consecutive patients
J.H. Peregrin (Prague/CZ)

Objectives:

- Review the current treatment strategies for complex arterial lesions in the lower extremity
- Differentiate BTK from SFA treatment
- Understand the complexity of treating CLI in diabetic patients

ev3 Europe SAS

11:30-12:30
SY 1602 Monday, October 4 Sala 3A
How innovation can provide solutions for lower extremity treatment

Moderator: M. Maynar (Santa Cruz de Tenerife/ES)

- 1602.1 The treatment of mixed plaque morphologies with TurboHawk Plaque Excision System
D. Vorwerk (Ingolstadt/DE)
- 1602.2 Surgery or endovascular treatment with Plaque Excision System?
H. Kobeiter (Créteil/FR)
- 1602.3 Definitive clinical programme
G. Tepe (Rosenheim/DE)
- 1602.4 DURABILITY 200: long SFA lesions deserve the longest stents
M. Bosiers (Dendermonde/BE)
- 1602.5 Stent innovation driven by clinical evidence
A. Schmidt (Leipzig/DE)

GE Healthcare

11:30-12:30
SY 2302 Tuesday, October 5 Sala 3F
Novel imaging techniques for interventional treatment of liver tumours

Moderator: T. de Baère (Villejuif/FR)

- 2302.1 Software assisted navigation for liver vascular therapy
T. de Baère (Villejuif/FR)
- 2302.2 Clinical benefits of multimodality fusion software for liver RFA
V. Vilgrain (Clichy/FR)
- 2302.3 Image fusion and virtual needle tracking in interventional ultrasound
B. Skjølbye (Copenhagen/DK)

Gore & Associates

08:00-08:20

SY 700b**Sunday, October 3****Sala 4F****The role of SFA endoluminal bypass: latest clinical evidence and ongoing programmes***Moderator: C. Rabbia (Turin/IT)*

700b.1 VIASTAR update: what we have learned about bare metal stents and SFA endoluminal bypass in the treatment of SFA occlusive disease

J. Lammer (Vienna/AT)

700b.2 GORE® VIABAHN® Endoprosthesis for in-stent restenosis update: a multicenter, randomized, controlled trial comparing the GORE® VIABAHN® Endoprosthesis with POBA for the treatment of SFA in-stent restenosis

*M. Bosiers (Bonheiden/BE)***Objectives:**

- To understand the rationale, indications and techniques for 25cm GORE® VIABAHN® Endoprosthesis with PROPATEN Bioactive Surface
- To review the current clinical data and ongoing programmes

InSightec

18:40-19:25

SY 1311**Sunday, October 3****Sala 4F****The ExAblate operating room - non-invasive surgery using MR guided focused ultrasound technology***Moderator: M. Bezzi (Rome/IT)*

1311.1 Current developments in MR guided focused ultrasound

W.M. Gedroyc (London/UK)

1311.2 The potential of MRgFUS as a non-invasive technology for image guided oncology indications

A. Melzer (Dundee/UK)

1311.3 MR guided focused ultrasound for prostate cancer, initial clinical experience

*C. Cheng (Singapore/SG)***Lombard Medical**

11:30-12:30

SY 2303**Tuesday, October 5****Sala 2G****Stretching AAA EVAR: challenging anatomy and how to cope with it?***Moderator: J. Macierewicz (Doncaster/UK)*

2303.1 An evolution: Aorfix™

P. Phillips (Oxfordshire/UK)

2303.2 Management of challenging anatomy and acute angulations

J. Hardman (Bath/UK)

2303.3 Learning new devices: selecting patients and building skills

J. Tessarek (Lingen/DE)

2303.4 Challenging anatomy and short or non-existent necks?

E.L. Verhoeven (Nürnberg/DE)

MEDRAD Interventional

- 18:40-19:40
SY 1312 Sunday, October 3 Sala 3F
MEDRAD Interventional® introduction & overview of the Cotavance™ drug eluting balloon with Paccocath® technology

Moderator: N. Diehm (Bern/CH)

- 1312.1 Lessons learned from the Thunder and Fempac Trials and a look ahead to the next challenge: atherectomy and drug eluting balloons
G. Tepe (Rosenheim/DE)
- 1312.2 Paccocath® technology development update: insights into safety and efficacy of latest generation Cotavance™ drug eluting balloon
J. Granada (Orangeburg, NY/US)
- 1312.3 Future horizons and clinical studies with Cotavance™ drug eluting balloon
N. Diehm (Bern/CH)

Philips Healthcare

- 13:00-14:00
SY 402 Saturday, October 2 Sala 3A
Live 3D guidance – new frontiers in image-guided interventional therapies

Moderator: B.T. Katzen (Miami, FL/US)

- 402.1 Advanced imaging applications in transarterial tumor therapy
J.-F.H. Geschwind (Baltimore, MD/US)
- 402.2 Better results in vascular and oncology interventions with multi-modality image guidance
H. Kobeiter (Creteil/FR)
- 402.3 Pushing boundaries in bone interventions
A. Gangi (Strasbourg/FR)

Siemens

- 13:00-14:00
SY 403 Saturday, October 2 Auditorio Principal
Image-guided solutions for interventional oncology

Moderator: P.L. Pereira (Heilbronn/DE)

- 403.1 3D image guidance in interventional oncology: ventilation control, DynaCT body imaging, multimodality registration with real time guidance
B. Gallix (Montpellier/FR)
- 403.2 New trends and imaging of intra-arterial liver tumor therapies
P.L. Pereira (Heilbronn/DE)

Sirtex Medical

08:00-08:20
SY 1400b Monday, October 4 **Sala 4F**
Radioembolisation in HCC: who, what, when and how?

Moderator: J.I. Bilbao (Pamplona/ES)

1400b.1 *B. Sangro (Pamplona/ES)*

St. Jude Medical

08:00-08:20
SY 1400c Monday, October 4 **Sala 4D**
Angio-Seal closure device: review of the recent literature

1400c.1 *J.A. Reekers (Amsterdam/NL)*

Terumo Europe

07:50-08:30
SY 700a Sunday, October 3 **Sala 3F**
Detachable Hydrocoils in Peripheral Aneurysm treatment

Moderator: P.P. Goffette (Brussels/BE)

- 700a.1 Polymer coated coil, review of the literature
P.P. Goffette (Brussels/BE)
- 700a.2 Case review, UCL experience in challenging aneurysm
P.P. Goffette (Brussels/BE)
- 700a.3 Management of visceral aneurysm
H. Ferral (Chicago, IL/US)

13:00-14:00
SY 1003 Sunday, October 3 **Auditorio 1A**
Peripheral artery stenting: contemporary practice and future prospects

Moderator: M. Maynar (Santa Cruz de Tenerife/ES)

- 1003.1 Current standards and emerging directions in peripheral intervention
S. Müller-Hülsbeck (Flensburg/DE)
- 1003.2 Misago peripheral stent: a growing body of clinical evidence
K.-L. Schulte (Berlin/DE)
- 1003.3 Critical issues in SFA / Popliteal / BTK artery stenting
F. Fanelli (Rome/IT)
- 1003.4 The renal artery revascularization therapy: strengths and limitations of the current evidence base
M.R. Sapoval (Paris/FR)

11:30-12:30
SY 1603 Monday, October 4 **Auditorio 1A**
DEBIRI: a multidisciplinary approach

Moderator: P. Vilares Morgado (Porto/PT)

- 1603.1 Lessons learned from more than 350 DEBIRI treatments in a single institution, the oncologist perspective
G. Fiorentini (Empoli/IT)
- 1603.2 Rational for use and patient's selection, the surgeon perspective
S. Fenwick (Liverpool/UK)
- 1603.3 DEBIRI clinical program and recommendations for use
P.L. Pereira (Heilbronn/DE)

ESIR 2010

Don't miss the ESIR autumn courses!

Reduced registration fees
available for CIRSE members!

Basic Vascular

Zagreb/Croatia
November 12-13

Acute IR

Amsterdam/Netherlands
November 26-27

European School of
Interventional
Radiology

All ESIR courses are CME certified
Programme and Registration at www.cirse.org



CCVI Activities @ CIRSE 2010

CCVI Symposium

Treatment Strategy for Overcoming Complex Arterial Lesions in the Lower Extremity

Monday, Oct 4 11:30-12:30; Auditorio Principal

Chairman: Prof. Jim Reekers

- Techniques and Developments to Treat Long Infrainguinal Arterial Occlusions. *Dr. Ali Amin*
- How Do BTK Occlusions Differ From SFA Lesions. *Prof. Jim Reekers*
- Advanced BTK Interventions in Diabetic Patients. *Prof. Lanfroi Graziani*
- BTK Revascularization in 1,400 Consecutive Patients. *Prof. Jan Peregrin*

CCVI Learning Centre Programme

- Role of Re-Entry and Crossing Devices in the Management of Complex Infrainguinal and Iliac Lesions.
Dr. Ali Amin
- How to Set up a Diabetic Foot Clinic?
Dr. Kristien Van Acker
- Unconventional Techniques for Limb Salvage.
Prof. Roberto Gandini
- Diabetic Foot Ischemic Ulcers: Below the Knee Subintimal Angioplasty as Possible Application of the "Angiosomes" Model of Perfusion.
Dr. Vlad Alexandrescu
- Sharing ExoSeal™ Expertise in the CCVI Learning Centre (repeated sessions)
Objectives:
 - Present clinical experience with ExoSeal™
 - Provide an advanced hands-on training designed to demonstrate ExoSeal™ Deployment

Seats are limited please make sure to pre-register

Learning Centres at CIRSE 2010

The Learning Centres at CIRSE 2010 will provide an excellent opportunity for all congress delegates to test the latest interventional devices, gain hands-on experience with new equipment and talk to industry representatives.

The following companies will provide Learning Centres at CIRSE 2010:

Abbott Vascular
AngioDynamics
Bayer
CCVI
Cook Medical
Gore & Associates
Kimberly-Clark
Straub Medical
Terumo Europe

Please note that CIRSE is not responsible for the information provided at the Learning Centres.

Learning Centre programmes

(as per printing date)

Abbott Vascular

Pavilion 5

The Abbott Vascular Learning Centre at CIRSE 2010 is an Innovations Pavilion and consists of a look into the Innovations and Developments that are being made in the area of Endovascular products, techniques and procedures.

Attendance is by invitation only. If you wish to visit this Innovations Pavilion, please contact your local Abbott Vascular representative before CIRSE 2010 or visit the Abbott Vascular booth during CIRSE 2010.

CCVI

Pavilion 5

Saturday, October 2

10:00-11:00

Sharing ExoSeal™ Expertise

Objectives:

- To present clinical experience with ExoSeal™.
- To provide an advanced hands-on training designed to demonstrate ExoSeal™ deployment.

11:30-12:30

Sharing ExoSeal™ Expertise

Objectives:

- To present clinical experience with ExoSeal™.
- To provide an advanced hands-on training designed to demonstrate ExoSeal™ deployment.

13:00-14:00

Diabetic foot ischemic ulcers: Below the knee subintimal angioplasty as possible application of the "angiosomes" model of perfusion

V. Alexandrescu (Marche-en-Famenne/BE)

Objective:

To evaluate the technical and clinical outcome of primary below the knee subintimal angioplasty alone or coupled to endo-luminal angioplasty in diabetic neuro-ischemic ulcers with or without adding an angiosomes-model of perfusion in the foot and ankle.

14:30-15:30

Unconventional techniques for limb salvage

R. Gandini (Rome/IT)

Objective:

To review alternative endovascular techniques in case of failed antegrade BTK revascularisation and outcome of complex occlusions.

Sunday, October 3

09:30-10:30

Diabetic foot ischemic ulcers: Below the knee subintimal angioplasty as possible application of the "angiosomes" model of perfusion

V. Alexandrescu (Marche-en-Famenne/BE)

Objective:

To evaluate the technical and clinical outcome of primary below the knee subintimal angioplasty alone or coupled to endo-luminal angioplasty in diabetic neuro-ischemic ulcers with or without adding an angiosomes-model of perfusion in the foot and ankle.

11:00-12:00

Sharing ExoSeal™ Expertise

Objectives:

- To present clinical experience with ExoSeal™.
- To provide an advanced hands-on training designed to demonstrate ExoSeal™ deployment.

14:00-15:00

Unconventional techniques for limb salvage

R. Gandini (Rome/IT)

Objective:

To review alternative endovascular techniques in case of failed antegrade BTK revascularisation and outcome of complex occlusions.

15:15-16:15

Sharing ExoSeal™ Expertise

Objectives:

- To present clinical experience with ExoSeal™.
- To provide an advanced hands-on training designed to demonstrate ExoSeal™ deployment.

Monday, October 4

09:00-10:00

How to set up a Diabetic Foot Clinic?

K. van Acker (Willebroek/BE)

Objective:

Demonstrate core components and differentiate models how to set up a successful diabetic foot clinic.

10:30-11:30

Sharing ExoSeal™ Expertise

Objectives:

- To present clinical experience with ExoSeal™.
- To provide an advanced hands-on training designed to demonstrate ExoSeal™ deployment.

13:00-14:00

How to set up a Diabetic Foot Clinic?*K. van Acker (Willebroek/BE)***Objective:**

Demonstrate core components and differentiate models how to set up a successful diabetic foot clinic.

14:30-15:30

Sharing ExoSeal™ Expertise**Objectives:**

- To present clinical experience with ExoSeal™.
- To provide an advanced hands-on training designed to demonstrate ExoSeal™ deployment.

16:00-17:30

Role of re-entry and crossing devices in the management of complex infrainguinal and iliac lesions*A. Amin (West Reading, PA/US)***Objective:**

Review current strategies to treat chronic occlusions from a technical, practical and clinical point of view.

Tuesday, October 5

09:30-10:30

Sharing ExoSeal™ Expertise**Objectives:**

- To present clinical experience with ExoSeal™.
- To provide an advanced hands-on training designed to demonstrate ExoSeal™ deployment.

13:00-14:00

Role of re-entry and crossing devices in the management of complex infrainguinal and iliac lesions*A. Amin (West Reading, PA/US)***Objective:**

Review current strategies to treat chronic occlusions from a technical, practical and clinical point of view.

14:30-15:30

Sharing ExoSeal™ Expertise**Objectives:**

- To present clinical experience with ExoSeal™.
- To provide an advanced hands-on training designed to demonstrate ExoSeal™ deployment.

Check onsite for the latest programme.

Onsite registration at the CCVI learning centre.

Cook Medical**Pavilion 5****Saturday, October 2**

11:00-11:30

Real life experience with Zenith LP*J.D.G. Rose (Newcastle/UK)*

12:30-13:00

Changing Patients' Lives Through Percutaneous Intervention: Chait Cecostomy Placement and Aneurysmal Bone Cyst Treatment*W.E. Shiels (Columbus, OH/US)*

14:00-14:30

Hands-on Embolisation - training coil and microcatheter techniques with the use of a flow-model*M. Guimaraes (Charleston, SC/US)*

Sunday, October 3

09:30-10:00

Lymphatic Malformation Treatment*W.E. Shiels (Columbus, OH/US)*

11:00-11:30

10 years of experience with Detachable Microcoils DETACH - presentation of spectacular cases and how we are doing it. Followed by a practical demonstration of the product*M. Freund (Innsbruck/AT)*

12:30-13:00

Biliary Drainage - Tips & Tricks*J.S. Laméris (Amsterdam/NL)***Monday, October 4**

09:30-10:00

Technical Issues of the TIPS procedure*J.C. Garcia-Pagán (Barcelona/ES)*

11:00-11:30

Below the knee interventions, how to cross and treat long infrapopliteal lesions*R. Kickuth (Würzburg/DE)***Tuesday, October 5**

09:30-10:00

Advanced Biliary Intervention - Keio University experience with Zilver Stent*M. Inoue (Tokyo/JP)*

11:00-11:30

Retrieval of Vena Cava Filters - Tips & Tricks*G. Plant (Basingstoke/UK)*

12:30-13:00

How to build up a PICC practice and hands-on training*V. Vidal (Marseille/FR)*

14:45-15:15

Peripheral Mini-Port implantation; an interesting procedure performed by Radiology*A. Koops (Hamburg/DE)***Gore & Associates****Pavilion 5**

Refreshments and lunch will be served.

Sunday, October 3

11:00-12:00

Interactive Review of Challenging SFA Endoluminal Bypass Cases*Chairman: E.L. Verhoeven (Nürnberg/DE)*

Objectives:

- To better understand the feasibility of treating long SFA lesions using the SFA Endoluminal Bypass approach
- To understand failure modes of stents and stent grafts in the SFA
- To offer a platform for controversial discussion

ViaStar Case

P.J. Schäfer (Kiel/DE)

Bilateral SFA Case: GORE® Viabahn® Endoprosthesis vs. Bare Metal Stents

K. Overbeck (Sunderland/UK)

Long SFA Case with Multiple Devices

R.S. Nyman (Uppsala/SE)

New 25cm GORE® VIABAHN® Endoprosthesis with PROPATEN Bioactive Surface

M. Ferri (Turin/IT)

Troubleshooting

N.I. Fotiadis (London/UK)

Long Lesion SFA Intervention

G.C. Mansueto (Verona/IT)

12:30-13:30

Performance in TEVAR with the Conformable GORE® TAG® Endoprosthesis

TEVAR device design and implications on patient selection

M.D. Dake (Stanford, CA/US)

New technology in TEVAR, interactive and hands on session for the next generation

- Conformable GORE® TAG® Endoprosthesis

- GORE® DrySeal Sheath

- GORE® Tri-Lobe Balloon

Monday, October 4

11:00-12:00

The Role of SFA Endoluminal Bypass in SFA Intervention

Chairman: M. Matson (London/UK)

Objectives:

- To understand the rationale, indications and techniques for 25cm GORE® VIABAHN® Endoprosthesis with PROPATEN Bioactive Surface
- To better understand the feasibility of treating long SFA lesions using the SFA Endoluminal Bypass approach
- To offer a platform for discussion

25cm GORE® VIABAHN® Endoprosthesis with PROPATEN Bioactive Surface: Rationale, Indications, Techniques and Evidence

D. Savio (Turin/IT)

Endoluminal SFA Bypass for the Treatment of Long De Novo Lesions: Procedural Aspects and Clinical Learnings

M. Reijnen (Arnhem/NL)

Endoluminal SFA Bypass for the Treatment of In-Stent Restenosis

M. Bosiers (Dendermonde/BE)

12:30-13:30

Performance in EVAR with the GORE® EXCLUDER® AAA Endoprosthesis

Chairman: L. Lönn (Copenhagen/DK)

Ten Years of Experience with the GORE® EXCLUDER® AAA Endoprosthesis Outcomes from a Single Center Experience

G. Maleux (Leuven/BE)

Maximizing Outcomes in Challenging Anatomy Tips and Tricks with GORE® EXCLUDER® AAA Endoprosthesis

G. Duprat (South-Bend, IN/US)

First Experience with the New GORE® EXCLUDER® AAA Endoprosthesis Featuring C3 Delivery System

R.G. McWilliams (Liverpool/UK)

14:00-15:00

The Future of the GORE® VIATORR® TIPS Endoprosthesis for the Treatment of PH Complications: Variceal Bleeding and Refractory Ascites

Chairman: P.P. Goffette (Brussels/BE)

Objectives:

- To share learning
- To discuss the future of TIPS to treat complications of PH like for variceal bleeding and refractory ascites

TIPS with PTFE Covered Stents Improves Survival in High Risk Cirrhotic Patients Admitted with an Acute Variceal Bleeding. GORE® VIATORR® TIPS Endoprosthesis vs. Endoscopic Bandligation

G. Pagan (Barcelona/ES)

TIPS with PTFE Covered Stents vs. Paracentesis + Albumin Infusion for the Treatment of Refractory Ascites in Patients with Cirrhosis

C. Bureau (Toulouse/FR)

Tuesday, October 5

11:00-12:00

Advanced Endovascular Treatment of Popliteal Aneurysms: Data Review, Tips and Tricks, Lessons Learned

Chairman: C. Ruotolo (Naples/IT)

Objectives:

- To understand failure modes of stents and stent grafts in the Popliteal Artery
- To understand the rationale, indications and techniques for 25cm GORE® VIABAHN® Endoprosthesis with PROPATEN Bioactive Surface
- To offer a platform for discussion

Randomized Clinical Trial Comparing Surgical Treatment of Popliteal Aneurysms to Endoluminal Popliteal Bypass: A Study Showing that Endoluminal Popliteal Bypass Improves Patency

M. Antonello (Padua/IT)

Advanced Techniques, Tips and Tricks – A Review of Challenging Cases

L. Canaud (Montpellier/FR)

Endoluminal Popliteal Bypass Evidence Today and Tomorrow

E.L. Verhoeven (Nürnberg/DE)

Experience AAA Stenting in a Lifelike Virtual Environment at the Gore Simulation Center (October 2–5)!
Onsite Registration for the AAA Simulator at the Gore Simulation Center.

Kimberly-Clark

Pavilion 5

Interventional Radiologists from different countries will share their practical experience with the MIC*, MIC-KEY* Introducer Kit in the Kimberly-Clark Learning Center.

During multi-language sessions, they will explain the ease of use of this innovative kit for the placement of Gastrostomy and Jejunostomy Feeding Tubes.

Their presentations will consist of a theoretical part as well as a hands-on training using demonstration stomach models, which allow the participants to become familiar with the latest Kimberly-Clark innovation: the MIC*, MIC-KEY* Introducer Kit!

Straub Medical

Pavilion 5

Efficiency of Mechanical Thrombectomy in Peripheral Arterial Disease

Topics:

- Clinical and economic benefits of mechanical thrombectomy
- Indications, limitations and success rates of Straub Rotarex and Aspirex interventions
- In-vitro demonstration of Rotarex® S und Aspirex® S catheters
- Hands-on: experience the efficiency!

Please register at our booth.

www.straubmedical.com

Terumo Europe

Sala 3B

Sunday, October 3

14:00-15:00

Workshop: Uveal Melanoma Liver Embolisation - case discussion, tips and tricks

C. Aliberti (Ferrara/IT)

M. Tilli (Ferrara/IT)

15:00

Workshop: Challenging coil embolisation - case discussion, tips and tricks

P.P. Goffette (Brussels/BE)

M. Guimaraes (Charleston, SC/US)

Monday, October 4

10:00-10:30

Workshop: Technical differences between Lipiodol-TACE and DC Bead-TACE

T. de Baère (Villejuif/FR)

14:00

Workshop: Bronchial and Pulmonary embolisation

J.-P. Pelage (Boulogne/FR)

M.A. De Gregorio (Zaragoza/ES)

15:00

Workshop: Embolisation related to EVAR

J.C. van den Berg (Lugano/CH)

Tuesday, October 5

11:30-12:00

Workshop: DEBIRI in colorectal liver metastases: Starting your practice

A. Petrovitch (Bad Berka/DE)

12:00-12:30

Workshop: DEBIRI before surgery: why and how?

S. Fenwick (Liverpool/UK)

New at CIRSE 2010: Workshops for radiographers

Interventional radiology is very much a team effort. Optimal patient care can only be delivered if both the physician and the other team members such as the radiographers are well trained and highly professional in what they do.

A growing number of radiographers working in the field of Interventional Radiology attend the annual CIRSE congress. In order to cater to this development, CIRSE and the European Federation of Radiographer Societies (EFRS) are organising four workshops especially designed for radiographers and nurses.

These workshops aim to promote the use of appropriate imaging equipment, methods and materials, as well as quality care with regard to radiation protection. Furthermore, comprehension of specialized literature should be assured.

After attending the workshops, radiographers will be equipped with enough knowledge to ensure high imaging and patient care quality in interventional radiology departments.

All EFRS workshops take place in **Sala 4D**.

Saturday, October 2

14:30-15:30
WS 509 EFRS Workshop 1
Radiation protection in interventional radiology from A to Z

509.1 *C. David (Prague/CZ)*
509.2 *J. Kohout (Prague/CZ)*

After active participation in this workshop attendants will have gained knowledge and understanding of

- all possibilities of reducing radiation stress of patients and staff during procedures in interventional radiology
- the risk of radiation injuries of patients and staff
- new technologies which help to minimize the radiation stress
- protective means and the use of these
- results of radiation measurements during interventional procedures

and will be able to:

- ensure quality care with regard to radiation protection in their departments

Sunday, October 3

17:30-18:30
WS 1309 EFRS Workshop 2
The imaging process in interventional radiology

1309.1 *J. Kohout (Prague/CZ)*
1309.2 *C. David (Prague/CZ)*

After active participation in this workshop attendants will have gained knowledge and understanding of:

- all pre and post processing operations which are ensured by radiographers
- the importance of working with the images during interventional procedures
- the difficulty of artifacts, measurements and balloon sizing

and will be able to:

- ensure physicians an adequate image for manipulation and catheterization and the best imaging documentation without artifacts

A series of four workshops organised in cooperation with the



Monday, October 4

18:00-19:00
WS 2009 EFRS Workshop 3
New developments in equipment, materials and procedures in interventional radiology

2009.1 *E.M. Agadakos (Athens/GR)*
 2009.2 *D. Koumarios (Athens/GR)*

After active participation in this workshop attendants will have gained knowledge and understanding of:

- the current and future interventional imaging equipment, methods and materials
- risk factors associated with interventional radiology
- the driving forces leading to the development of innovative technology in interventional imaging
- ethical issues implicated in interventional procedures
- recent scientific literature

and will be able to:

- select the most appropriate equipment, materials and methods according to current knowledge and literature
- identify the limitations associated with equipment, procedures and materials employed in interventional radiology
- classify the risk factors related to the interventional procedure undertaken
- demonstrate adequate communication skills and patient rapport
- operate as a member of a team
- be equipped to practice as a professional within the ethical code

Tuesday, October 5

17:00-18:00
WS 2606 EFRS Workshop 4
Sharing experience in day-to-day practice of the supporting staff in interventional radiology departments

2606.1 *D. Katsifarakis (Athens/GR)*
 2606.2 *E. Tzanalaridou (Athens/GR)*

After active participation in this workshop attendants will have gained knowledge:

- of the differences in working methods of supporting staff in interventional radiology
- how basic safety procedures with regard to radiation protection are applied
- of targets to set for basic and continuous professional education of the supporting staff in interventional radiology departments

and will be able to:

- assess diverging working methods
- assess the way radiation protection is applied
- define their individual needs for continuous professional education

Health Economics Course

A series of four interactive sessions

The growing cost of healthcare represents a significant burden on healthcare payers and calls for the need of the optimal allocation of resources.

Today, healthcare professionals are required to make decisions in the best interest of their practices' economic efficiency, very often without appropriate training.

Interventional radiologists, in particular, are at the cornerstone of health economic issues due to high cost material and the fact that they provide alternatives to other medical or surgical techniques.

This course aims to provide understanding of the complex concepts of health economics, including the use of appropriate language and comprehension of specialized literature as well as the ability to orient our research toward such important issues.

At the end of the course, you will be equipped with enough knowledge to competently participate in the healthcare decision-making process.

All Health Economics Courses take place in **Sala 4D**.

Saturday, October 2

08:30 - 09:30

HE 105 Health Economics Course 1

Moderator: D.A. Kelekis (Athens/GR)

105.1 *L. Annemans (Ghent/BE)*

- The increasing use of economic evaluation in the health care decision-making process
- Definitions and concepts of health economic evaluation
- Methods "part 1": decision modelling for health economic evaluations
 - Medical decision trees
 - Markov models
- Examples in the field of interventional radiology

10:00 - 11:00

HE 205 Health Economics Course 2

Moderator: J. Struyven (Brussels/BE)

205.1 *L. Annemans (Ghent/BE)*

- Handling uncertainty in economic evaluation
- Costing in economic evaluation
 - Cost of illness studies
 - Identifying and measuring cost components
 - Choosing the relevant perspective
 - Time preference

Sunday, October 3

08:30 - 09:30

HE 705 Health Economics Course 3

Moderator: D.J. Allison (New Malden/UK)

705.1 *L. Annemans (Ghent/BE)*

- Efficiency vs. affordability: the need for budget impact analysis
- Methods "part 2": prospective economic evaluations

10:00 - 11:00

HE 805 Health Economics Course 4

Moderator: M. Sapoval (Paris/FR)

805.1 *L. Annemans (Ghent/BE)*

- Health economic evaluation in policy decision making
- Issues in measuring and implementing a study
 - Re-assessment of health technologies after market access
 - Challenging the QALY measurement of outcomes
 - Time horizon
- Open debate

This programme has been made possible by an educational grant from Cordis (Cordis Cardiac and Vascular Institute).



CIRSE meets Latin America



In recent years the "CIRSE meets ..." sessions have become one of the programme's highlights. Distinguished interventionalists from various regions around the world have provided interesting insights into the current status of IR as well as the state of specific procedures and conditions in their home country.

We are happy to announce that for 2010 Latin America has been invited to join CIRSE for a "CIRSE meets ..." session. The Latin American Society of Interventionism (SIDI) comprises radiologists, surgeons and other doctors and specialists from Latin America, but also from Spain and Portugal interested in minimally invasive techniques. The society aims to teach young interventionalists from Latin America and the Iberian Peninsula about minimally invasive techniques. Uniting its members with CIRSE, SIDI has doubtlessly made an important contribution to fostering the relationship between the European and the Latin American community of interventionalists.

A delegation of distinguished members from the Latin American Society of Interventionism will present topics of special importance to IR in Latin America, including latest developments and the treatment of frequently occurring conditions. We look forward to this interesting session and invite you to join us on:

Sunday, October 3, 14:15-16:00

Auditorio Principal

Chairmen: *M.E. Giménez (Buenos Aires/AR)*
J.H. Peregrin (Prague/CZ)

IR in Latin America: where do we stand?

M. Guimaraes (Charleston, SC/US)

Biliary interventions in Latin America

M.E. Giménez (Buenos Aires/AR)

Translumbal dialysis catheter. Results of the largest experience in Latin America

J.M. Lozano (Bogotá/CO)

CIRSE meets the European Society of Anaesthesiology



Following the great success of the "CIRSE meets ..." sessions, CIRSE introduced a new session format at CIRSE 2007, giving CIRSE a platform to meet like-minded societies. The 2007 session with the European Society of Vascular Surgery (ESVS), the 2008 session dedicated to the Pan-Arab Interventional Radiology Society (PAIRS) and the 2009 session with the European Association for the Study of Diabetes (EASD) were all met with great interest, which is why this format is being repeated for CIRSE 2010.

In 2010 CIRSE will meet the European Society of Anaesthesiology (ESA), which resulted from the amalgamation of the former European Society of Anaesthesiologists (ESA), the European Academy of Anaesthesiology (EAA) and the Confederation of European National Societies of Anaesthesiologists (CENSA) and holds the most prominent position in the community of anaesthesiologists in Europe and elsewhere.

Tuesday, October 5, 13:00-14:45

Auditorio Principal

Chairmen: *J.H. Peregrin (Prague/CZ)*
P. Wouters (Gent/BE)

What every radiologist should know about anaesthesia

P. Wouters (Gent/BE)

Sedation techniques for office based interventional radiology

S.G. Einarsson (Hafnarfjörður/IS)

Safety in anaesthesia in interventional radiology

F. Bressan (Prato/IT)

Foundation Courses

The A - Z of... Vascular Interventions & Interventional Oncology

Learn everything you need to know as experts guide you through the basics and beyond.

The Essentials of Vascular Interventions

Saturday, October 2

FC 101 08:30-09:30 **Chronic critical limb ischemia** Auditorio Principal

Moderator: J.H. Peregrin (Prague/CZ)

- 101.1 Epidemics and pathophysiology
P. Reimer (Karlsruhe/DE)
- 101.2 The essentials of medical treatment and wound care
M. Brodmann (Graz/AT)
- 101.3 Revascularization algorithm
J.A. Reekers (Amsterdam/NL)
- 101.4 Technique and tools
D. Karnabatidis (Patras/GR)

FC 301 11:30-12:30 **Venous thromboembolism** Auditorio Principal

Moderator: R.W. Guenther (Aachen/DE)

- 301.1 Clinical presentation and imaging strategies
P. Haage (Wuppertal/DE)
- 301.2 Patient selection for IVC filter insertion
D. Vorwerk (Ingolstadt/DE)
- 301.3 IVC filter retrieval
C.A. Binkert (Winterthur/CH)
- 301.4 Treatment of DVT
G.J. O'Sullivan (Galway/IE)

Sunday, October 3

FC 201 10:00-11:00 **Abdominal aortic aneurysms** Auditorio Principal

Moderator: R.A. Morgan (London/UK)

- 201.1 Epidemiology and clinical features
M. Katoh (Homburg/DE)
- 201.2 Patient selection for EVAR and imaging strategy
J. Lammer (Vienna/AT)
- 201.3 Device selection, basic technical tips and tricks
F. McGrath (Dublin/IE)
- 201.4 How to follow-up and when to reintervene
K.A. Hausegger (Klagenfurt/AT)

FC 701 08:30-09:30 **Carotid interventions** Auditorio Principal

Moderator: M.R. Sapoval (Paris/FR)

- 701.1 Rationale for intervention: CAS vs. CEA
P. Gaines (Sheffield/UK)
- 701.2 Essentials of pharmacologic therapy
S. Macdonald (Newcastle-upon-Tyne/UK)
- 701.3 How to perform a CAS
S. Cekirge (Ankara/TR)
- 701.4 How to manage complications
K.H. Schürmann (Dortmund/DE)

Foundation Courses cover a specific area of interventional radiology, focusing on basic principles and illustrating procedures in a step-by-step fashion. They are designed for radiologists in training, new consultants and/or experienced consultants who require a refresher course on the

subject. There will be plenty of time for questions and discussion. Each session lasts one hour. This year, the courses will cover the topics "Vascular Interventions" and "Interventional Oncology".

The Essentials of Interventional Oncology

Sunday, October 3

FC 801 Hepatocellular carcinoma Auditorio Principal

10:00-11:00

Moderator: J.I. Bilbao (Pamplona/ES)

- 801.1 Imaging in liver tumours/criteria for therapy evaluation
C. Bartolozzi (Pisa/IT)
- 801.2 Ablative therapy
P.L. Pereira (Heilbronn/DE)
- 801.3 Transcatheter therapy
V. Válek (Brno/CZ)
- 801.4 Combined treatments
T.K. Helmberger (Munich/DE)

FC 901 Colorectal liver metastases Auditorio Principal

11:30-12:30

Moderator: T.K. Helmberger (Munich/DE)

- 901.1 Incidence, staging and recommended imaging strategy
A. Gillams (London/UK)
- 901.2 Surgical options and medical therapy
E. Montalvá Orón (Valencia/ES)
- 901.3 Ablative techniques
P.R. Mueller (Boston, MA/US)
- 901.4 Embolization and radioembolization
T.F. Jakobs (Munich/DE)

Monday, October 4

FC 1401 Lung tumours Auditorio 1A

08:30-09:30

Moderator: R. Lencioni (Pisa/IT)

- 1401.1 Patient selection for interventional management
L. Crocetti (Pisa/IT)
- 1401.2 Ablation of lung cancer
J. Palussière (Bordeaux/FR)
- 1401.3 Difficult cases and complications
D.E. Dupuy (Providence, RI/US)
- 1401.4 Imaging follow-up: what is different
T. de Baère (Villejuif/FR)

FC 1501 Renal tumours Auditorio 1A

10:00-11:00

Moderator: A. Adam (London/UK)

- 1501.1 Imaging and staging
A. Buecker (Homburg/DE)
- 1501.2 Transcatheter therapy: who and when
J. Palmero (Valencia/ES)
- 1501.3 RFA/cryoablation/electroporation
D.J. Breen (Southampton/UK)
- 1501.4 Difficult cases and complications
R. Oyen (Leuven/BE)

Workshops

Saturday, October 2

14:30-15:30

- | | | |
|---------------------------------------|--|----------------|
| ■ | <p>WS 501 IVC filters: placement and retrieval - how I do it
 <i>O. Pellerin (Paris/FR), G.R. Plant (Basingstoke/UK)</i></p> <p>1. To learn the indications for IVC filter placement
 2. To learn about permanent and retrievable filters
 3. To learn the techniques for filter retrieval
 4. To learn about complications and how to manage them</p> | Sala 2E |
| ■ | <p>WS 502 Challenges in UFE: how to get out of trouble
 <i>T.J. Kroencke (Berlin/DE), J.-P. Pelage (Boulogne/FR)</i></p> <p>1. To discuss specific difficult cases (young patient, infertility, ...)
 2. To understand which patients are suitable for UFE
 3. How to manage the clinical care of patients undergoing UFE
 4. Embolization technique: how to get access to the uterine artery, how to avoid spasm and non-target embolization. Different embolic agents</p> | Sala 3A |
| ■ | <p>WS 503 Endovascular treatment of cerebral arterio-venous malformations
 <i>C. Cognard (Toulouse/FR), M. Piotin (Paris/FR)</i></p> <p>1. To understand basically what dural AVF is and how different it is approached by endovascular treatment
 2. To learn about most recent endovascular treatment alternatives to cure this disease
 3. To understand basically what pial cerebral AVM is and how it is managed by multidisciplinary approach
 4. To learn about most recent endovascular treatment alternatives to cure this disease</p> | Sala 2G |
| ■ | <p>WS 504 Abdominal abscess drainage: can all abscesses be drained percutaneously?
 <i>O. Akhan (Ankara/TR), P.R. Mueller (Boston, MA/US)</i></p> <p>1. To review the indications according to anatomy (based on cases)
 2. To teach the main imaging features useful in abscess drainage planning (based on cases)
 3. To teach step-by-step the intervention (based on cases)
 4. To discuss selected cases where a variety of imaging and interventional techniques have been used in different clinical conditions</p> | Sala 4F |
| ■ | <p>WS 505 Coronary CT for the beginner
 <i>N. Mollet (Rotterdam/NL), M. Francone (Rome/IT)</i></p> <p>1. To teach the technical basis for CTA (hardware and different techniques, contrast medium, injection rate and pitch)
 2. To present the strategies to reduce the radiation exposure
 3. To guide the participants through a step-by-step reading of normal and abnormal studies
 4. To discuss guidelines, indications and limitations of coronary CTA</p> | Sala 1Y |

- WS 506 TEVAR - how I do it** **Sala 1Z**
T. Pfammatter (Zürich/CH), M. Åkesson (Malmö/SE)
1. To learn the indications for TEVAR
 2. To learn techniques (using cases) for TEVAR for aneurysms
 3. To learn the techniques (using cases) for TEVAR for aortic dissection
 4. To learn the techniques (using cases) for TEVAR for trauma
- WS 507 Peripheral vascular malformations in adults and children** **Sala 3F**
J.E. Jackson (London/UK), A.M. Cahill (Philadelphia, PA/US)
1. To define the indications for treatment of peripheral vascular malformations
 2. Basic imaging principle and clinical signs of classification of AVM
 3. To describe the techniques and approaches according to the anatomy
 4. To delineate which catheters and drugs are used and how, which are needed for treatment
- WS 508 Infrainguinal recanalization: new tools and techniques** **Auditorio 1A**
F. Fanelli (Rome/IT), V. Berczi (Budapest/HU)
1. To learn about the techniques and outcomes of atherectomy
 2. To learn (using cases) about the techniques and outcomes of reentry devices
 3. To learn (using cases) about cutting balloons, their use and their outcomes
 4. To learn about future developments in recanalization

Sunday, October 3

17:30-18:30

- WS 1301 Intracranial aneurysm treatment** **Sala 2G**
R. Chapot (Essen/DE), S. Cekirge (Ankara/TR)
1. To understand the main endovascular treatment principles of the ruptured aneurysm clinical setting
 2. To learn about different endovascular treatment tools and intraoperative medical management in ruptured aneurysms
 3. To understand how endovascular treatment approaches would differ in unruptured aneurysms comparing to ruptured aneurysms
 4. To learn about most recent endovascular reconstructive tools like stent assisted treatment and flow divertors
- WS 1302 Embolization of pulmonary vascular malformations: how I do it** **Sala 3F**
J.E. Jackson (London/UK), A. Buecker (Homburg/DE)
1. Patient selection for embolization
 2. Technique to embolize pulmonary AVM
 3. To describe possible complications, their management and how to avoid them
 4. To discuss post embolization clinical and imaging surveillance and follow up
- WS 1303 BTK PTA and stenting: tools, techniques, should I stent?** **Sala 3A**
R. Gandini (Rome/IT), N.G. Fishwick (Leicester/UK)
1. To learn (using cases) the anatomical and clinical indications for treatment
 2. To learn about the devices used for BTK PTA
 3. To learn the techniques (using cases) used for BTK-PTA
 4. To learn how to recognize and manage complications

- WS 1304** **How to treat dialysis associated hand ischemia and non-maturing fistula** **Sala 4F**
L. Turmel-Rodrigues (Tours/FR), S.O. Trerotola (Philadelphia, PA/US)
1. To present the possible mechanisms of hand ischemia and non-maturing fistula
 2. To present the imaging work up in case of hand ischemia and non-maturing fistula
 3. To present the techniques of treatment and results
 4. To show your best and worst cases
- WS 1305** **Recanalization of aorto-iliac occlusions: how I do it** **Auditorio 1A**
E. Brontzos (Athens/GR), A.L. Jacob (Basel/CH)
1. Clinical and imaging pre interventional evaluation
 2. Show with cases for technical tips and tricks
 3. Update of results and complications
 4. Show your best and your worst case
- WS 1306** **Varicose vein ablation: Who should do it? How to do it? Outcomes** **Sala 1Y**
K.D. McBride (Dunfermline/UK), J.A. Kaufman (Portland, OR/US)
1. Learn about the clinical setup
 2. Learn about the device used and why
 3. Get familiar with determining the best entry point
 4. Learn how to deal with side branches: ancillary therapies when and how
- WS 1307** **The role of RFA in the treatment of liver tumours** **Sala 2E**
J. Kettenbach (Bern/CH), F. Orsi (Milan/IT)
1. To define indications for local ablation of liver metastases and HCC
 2. To describe, with clinical cases, techniques of liver ablation
 3. To present, with clinical cases, tips and tricks for liver ablation
 4. To present, with clinical cases, the complications of RF ablation and how to avoid them
- WS 1308** **Don't be afraid to become primary physician for patients with myomata** **Sala 1Z**
N. McEniff (Dublin/IE), T.J. Kroencke (Berlin/DE)
1. Get familiar with the clinical involvement necessary when performing UFE
 2. Learn about strategies how to organize the clinical practice
 3. Learn that a clinical involvement is expected by your patients and therefore mandatory
 4. Learn about the rewarding parts when becoming the treating physician

Monday, October 4

18:00-19:00

- WS 2001** **Tips and tricks in stroke management** **Sala 2G**
T.E. Mayer (Jena/DE), T. Liebig (Munich/DE)
1. To learn about the tips and tricks of endovascular cerebral revascularization techniques interactively
 2. To understand endovascular tool selection based on patient
 3. To learn when pharmacological and when mechanical approach should be selected
 4. To learn how to avoid complication

- WS 2002 TIPS: what you need to know** **Sala 3F**
P. Vilares Morgado (Porto/PT), A. Krajina (Hradec-Kralove/CZ)
1. To learn about TIPS indications, imaging, evaluation
 2. To learn about technique: TIPS and tricks
 3. To learn about complications management
 4. To learn about post TIPS patient care and follow-up
- WS 2003 Carotid stenting: how I do it** **Sala 4F**
L. Stockx (Genk/BE), P. Gaines (Sheffield/UK)
1. To familiarize with the anatomic and clinical indications/contraindications
 2. To familiarize with procedural technique
 3. To learn about the choice of protection device and stents
 4. To describe medical treatment, monitoring pre, peri and post procedure
- WS 2004 EVAR: challenging cases, how to get out of trouble** **Sala 2E**
G. Maleux (Leuven/BE), S. Sharma (Delhi/IN)
1. Learn to understand the problematic neck
 2. Learn to understand problems in the iliac arteries
 3. Learn how to deal AAA extending into the iliac arteries
 4. Learn to understand when EVAR should not be done
- WS 2005 Acute and chronic mesenteric ischemia: all you need to know** **Auditorio 1A**
L. Boyer (Clermont-Ferrand/FR), D. Gasparini (Udine/IT)
1. Get familiar when to intervene for acute mesenteric ischemia
 2. Get familiar with endovascular and surgical options for acute mesenteric ischemia
 3. Learn how many and which arteries to open for chronic mesenteric ischemia
 4. Learn when and how to use an axillary/brachial access
- WS 2006 Management of obstetric haemorrhage** **Sala 3A**
M.D. Ferrer Puchol (Valencia/ES), A.-M. Belli (London/UK)
1. To develop concepts of IR service planning and to know when the IR team should be called
 2. To explain the strategy planning of embolization
 3. To explain the strategy to choose catheter and embolic material
 4. To describe step by step technique of embolization
- WS 2007 Radioembolization: getting started** **Sala 1Y**
A.L. Jacob (Basel/CH), T.F. Jakobs (Munich/DE)
1. To understand how to set up a service for radioembolization of liver tumours
 2. To describe techniques for radioembolization
 3. To discuss results and complications
 4. To discuss follow up and how to deal with recurrences

WS 2008 What is the role of IR in pain relief?**Sala 1Z***A.D. Platts (London/UK), A.F. Watkinson (Exeter/UK), C.A. Binkert (Winterthur/CH)*

1. To review using case presentations the indications, the techniques and potential complications for coeliac plexus block
2. To show using case presentations the techniques and potential tips and tricks, and complications for the management of upper and lower back pain
3. To show using case presentations the indications, techniques, and complications of interventional cervical sympathectomy
4. To review using case presentations the techniques and results of image guided pain management for pain relief for UFE

Tuesday, October 5, 2010

17:00-18:00

WS 2601 Indications, techniques and outcomes of RFA of lung and renal tumours**Sala 2G***C.T. Sofocleous (New York, NY/US), J.L. del Cura (Bilbao/ES)*

1. To define indications for RF ablation of primary/secondary lung cancer and renal tumours
2. To describe, with clinical cases, techniques of lung/renal RFA
3. To present, with clinical cases, tips and tricks for ablation
4. To present, with clinical cases, the complications of lung/renal RF ablation and how to avoid them

WS 2602 Basic embolization techniques and new technology**Sala 2E***L. Defreyne (Ghent/BE), M. Dux (Frankfurt/DE)*

1. To review the range of liquid embolization materials; technical tips for handling; when and how use it
2. To review the range of coils and occluders; technical tips for handling; when and how use it
3. To review the range of particles and gel foam; technical tips for handling; when and how use it
4. Catheterization technique and how to avoid spasm, proximal occlusion, lack of embolization and possible back flow, etc.

WS 2603 How to deal with endoleaks after EVAR**Sala 1Y***R.G. McWilliams (Liverpool/UK), B.T. Katzen (Miami, FL/US)*

1. How to identify and follow up of patients with endoleak
2. When to treat a type II endoleak after EVAR
3. Transcatheter and translumbar embolization strategies
4. Results and complications

WS 2604 How to manage failing and failed dialysis fistulas**Sala 1Z***S.O. Trerotola (Philadelphia, PA/US), K.D. McBride (Dunfermline/UK)*

1. To understand the basics of fistulography
2. To learn the main indications of angioplasty of native fistula and grafts
3. To learn the thrombo aspiration technique
4. To learn the indication for stent placement

WS 2605 Biliary interventions - tips and tricks in difficult cases**Auditorio 1A***A. Adam (London/UK), F. Deschamps (Villejuif/FR)*

1. To review the indications in malignant and benign conditions
2. To teach step-by-step the techniques for initial puncture/lesion crossing
3. To teach when to use stents, catheters only or bilateral stenting in malignant and benign stenosis
4. To recognize the complications of biliary interventions and understand their treatment

Wednesday, October 6

11:30-12:30

WS 2901 IR in the management of trauma**Sala 1Y***A.M. Al-Kutoubi (Beirut/LB), W. Jaschke (Innsbruck/AT)*

1. To develop concepts of IR service planning and to know when the IR team should be called
2. To explain the strategy to choose catheter and embolic material
3. To describe step by step technique for embolization of solid organs and pelvic trauma
4. To present one or two different algorithm in trauma patients

WS 2902 Percutaneous treatment of DVT: technique, tips and tricks**Sala 3F***K.R. Thomson (Melbourne, VIC/AU), G.J. O'Sullivan (Galway/IE)*

1. To understand patient selection - who should be treated and why?
2. To learn the tools used for lysis and thrombectomy
3. To learn the techniques (using cases) for thrombolysis
4. To learn the techniques (using cases) for mechanical thrombectomy

WS 2903 How I do chemoembolization**Sala 4F***L. Rosa (Lisbon/PT), A. Chatziioannou (Athens/GR)*

1. To illustrate techniques and devices used in hepatic chemoembolization
2. To discuss clinical cases of chemoembolization
3. To understand tips and tricks for better outcomes in chemoembolization of the liver
4. To discuss the complications and how to deal with recurrences

WS 2904 Percutaneous gastrostomy, gastrojejunostomy and radiologic PEG tubes**Sala 1Z***J.J. Ciampi Dopazo (Toledo/ES), H. van Overhagen (The Hague/NL)*

1. Indications: gastrostomy versus gastrojejunostomy and PEG
2. Basic technique for gastrostomy and button
3. The differences in technique among the three procedures
4. The possible complications of the different techniques and how to manage them

WS 2905 MRA and CTA in PVD: current status**Sala 2G***K.E. Wilhelm (Bonn/DE), C.M. Loewe (Vienna/AT)*

1. To explain why there should be an interest in non invasive vascular imaging for the interventionalist
2. To explain how to perform peripheral CTA with current technologies (techniques, indications, limitations and pitfalls - case based presentation)
3. To explain how to perform peripheral MRA with current technologies (techniques, indications, limitations and pitfalls - case based presentation)
4. How to select patients for each technique (according to type and location of disease, renal function, diabetes, calcifications, previous treatments)

WS 2906 Renal artery interventions: current indications and techniques**Sala 2E***J.G. Moss (Glasgow/UK), J. Tacke (Passau/DE)*

1. To learn the indications for intervention
2. To learn the techniques (using cases) for renal artery stenting
3. To learn about the indications and techniques (using cases) of embolization for haemorrhage and tumour ablation (before nephrectomy)
4. To learn how to deal with complications

WS 2907 Management of failed and failing arterial bypass grafts: endovascular treatment vs. surgery**Sala 3A***S. Müller-Hülsbeck (Flensburg/DE), D. Tsetis (Iraklion/GR)*

1. Learn about the advantages and disadvantages between endovascular and surgical therapy for failed bypass
2. Learn how to avoid distal embolization during re-opening an occluded bypass and how to deal with embolization if it occurs
3. Learn about the advantages and disadvantages between endovascular and surgical therapy for failing bypass
4. Learn about the difference of a bypass stenosis compared to a native artery

WS 2908 Varicocele and pelvic congestion: all you need to know**Auditorio 1A***Z.J. Haskal (Baltimore, MD/US), M.A. De Gregorio (Zaragoza/ES)*

1. To explain how to select patients for pelvic congestion syndrome embolization
2. Controversy regarding fertility and male varicocele
3. Technique and tools
4. Complications and follow-up

WS 2909 Vertebroplasty: tips and tricks in benign and malignant lesions**Sala 4D***D. Kasper (Phoenix, AR/US), S. Masala (Rome/IT)*

1. To review the indications for vertebroplasty using cases
2. To teach step-by-step the technique of vertebroplasty using cases (benign)
3. To teach step-by-step the technique of vertebroplasty using cases (malignant)
4. To review the complications of vertebroplasty



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Haifu Model JC 200
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Non-invasive, extracorporeal ultrasound ablation treatment of tumors, including malignant tumors of liver, kidney, breast, pancreas, bone, soft tissues and metastatic cancer; benign tumors like uterine fibroids, uterine adenomyosis and breast fibroadenoma.



Before HIFU ablation

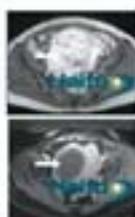


9M after HIFU ablation

Enhanced-CT changes in a 56-year-old patient with advanced-stage hepatocellular carcinoma before and 9 months after HIFU ablation.



Before and 8W after HIFU ablation



Before and 8W after HIFU ablation

A 41-year-old woman who received HIFU ablation for uterine fibroids.

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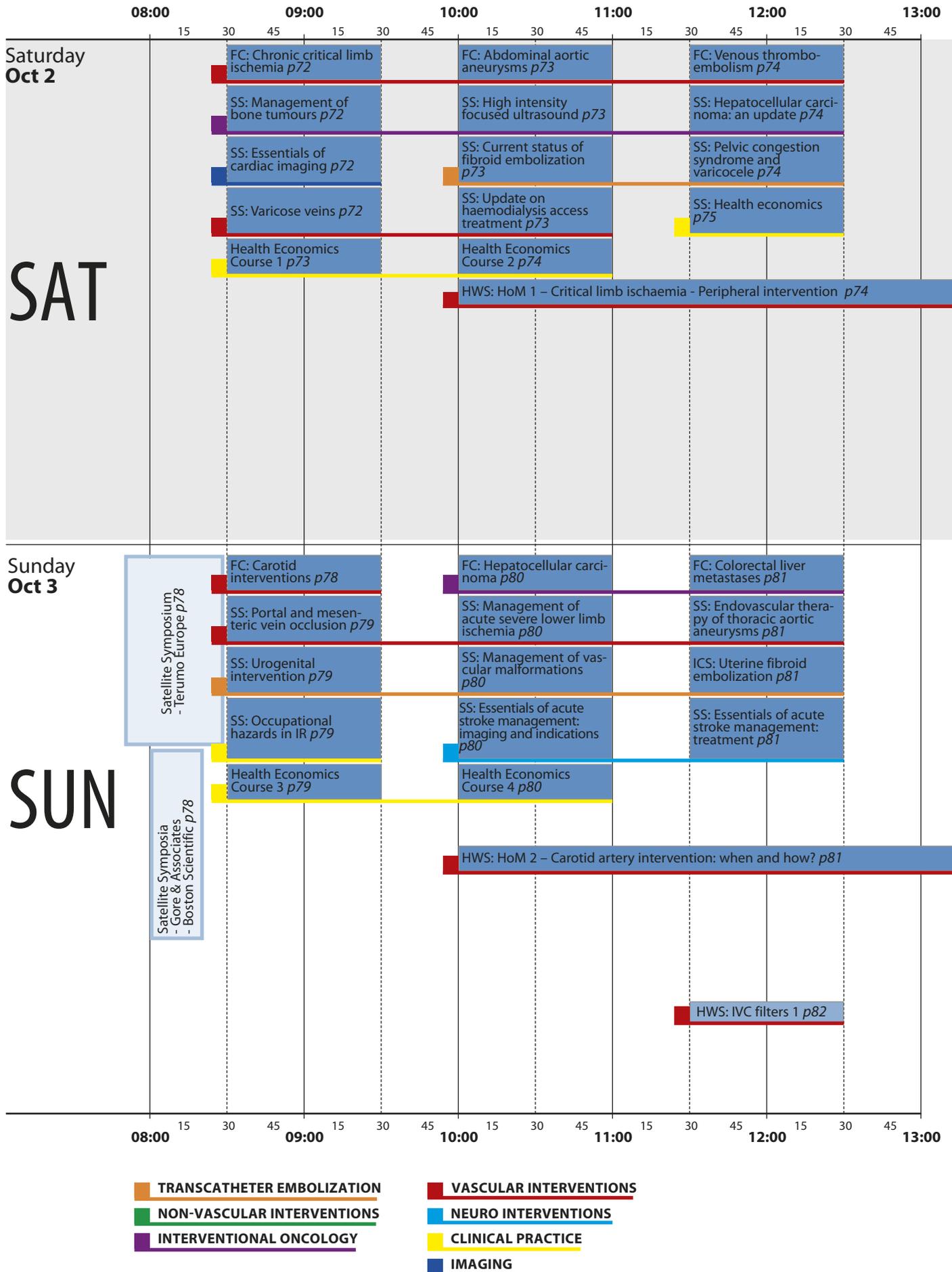
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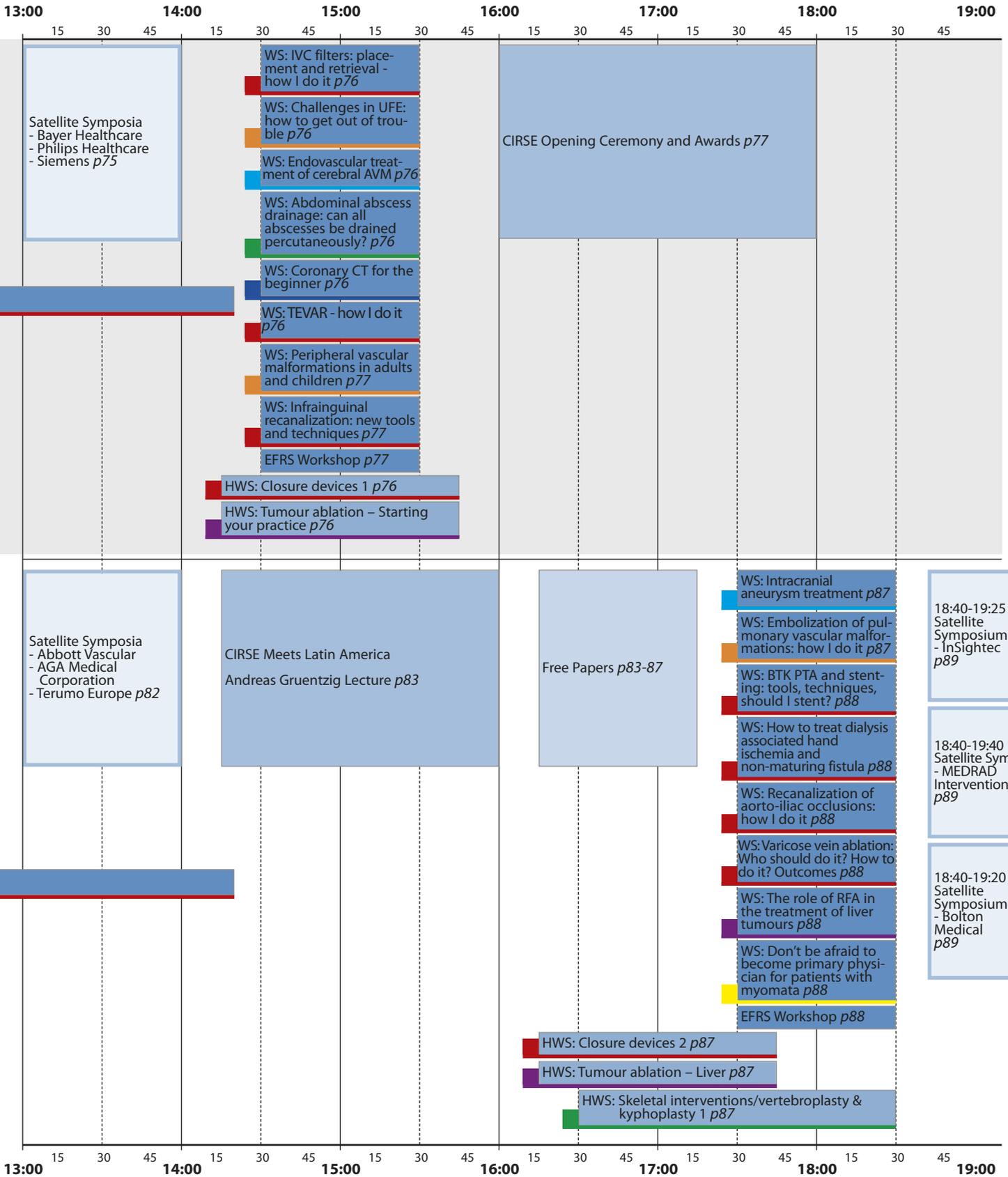


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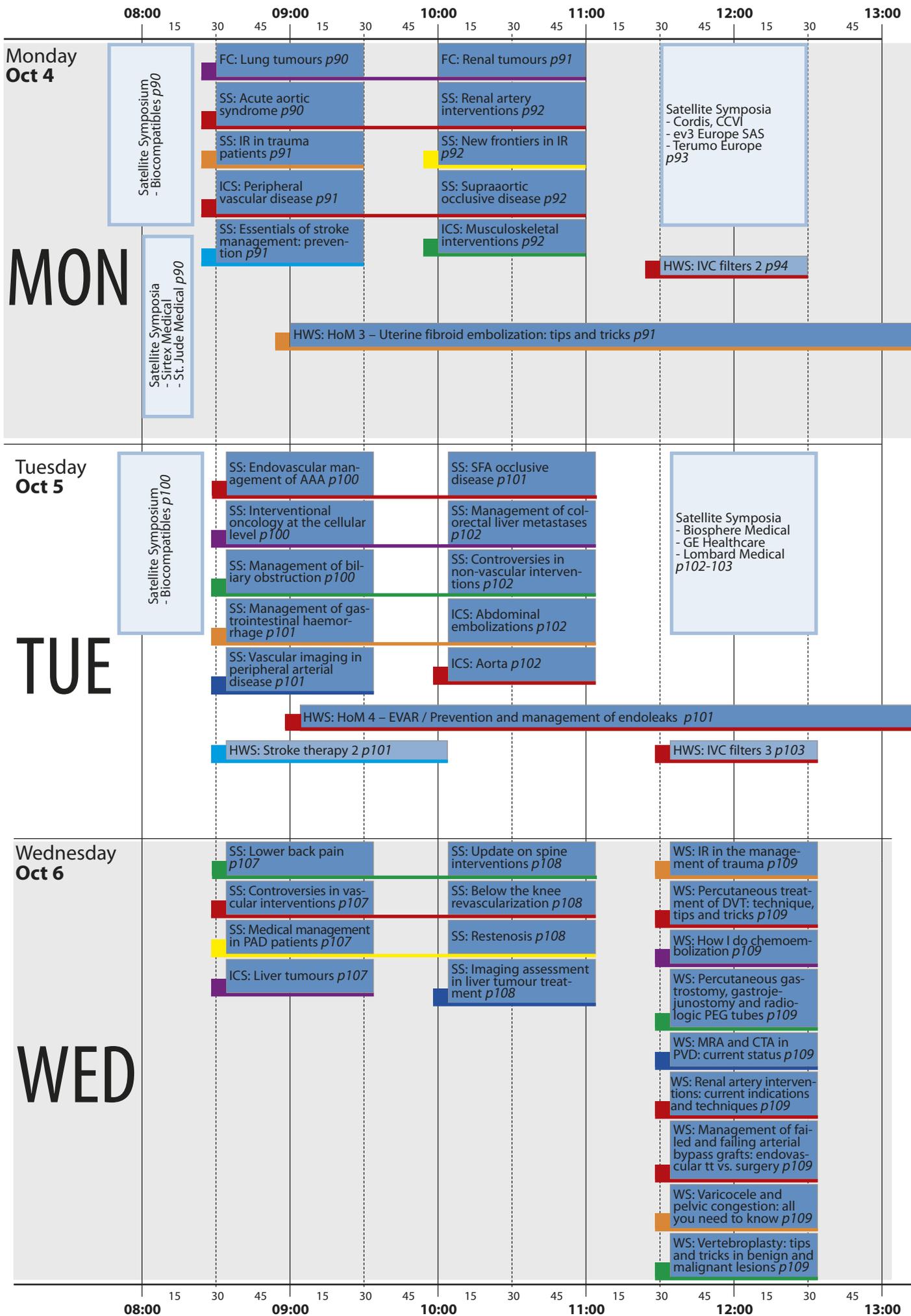


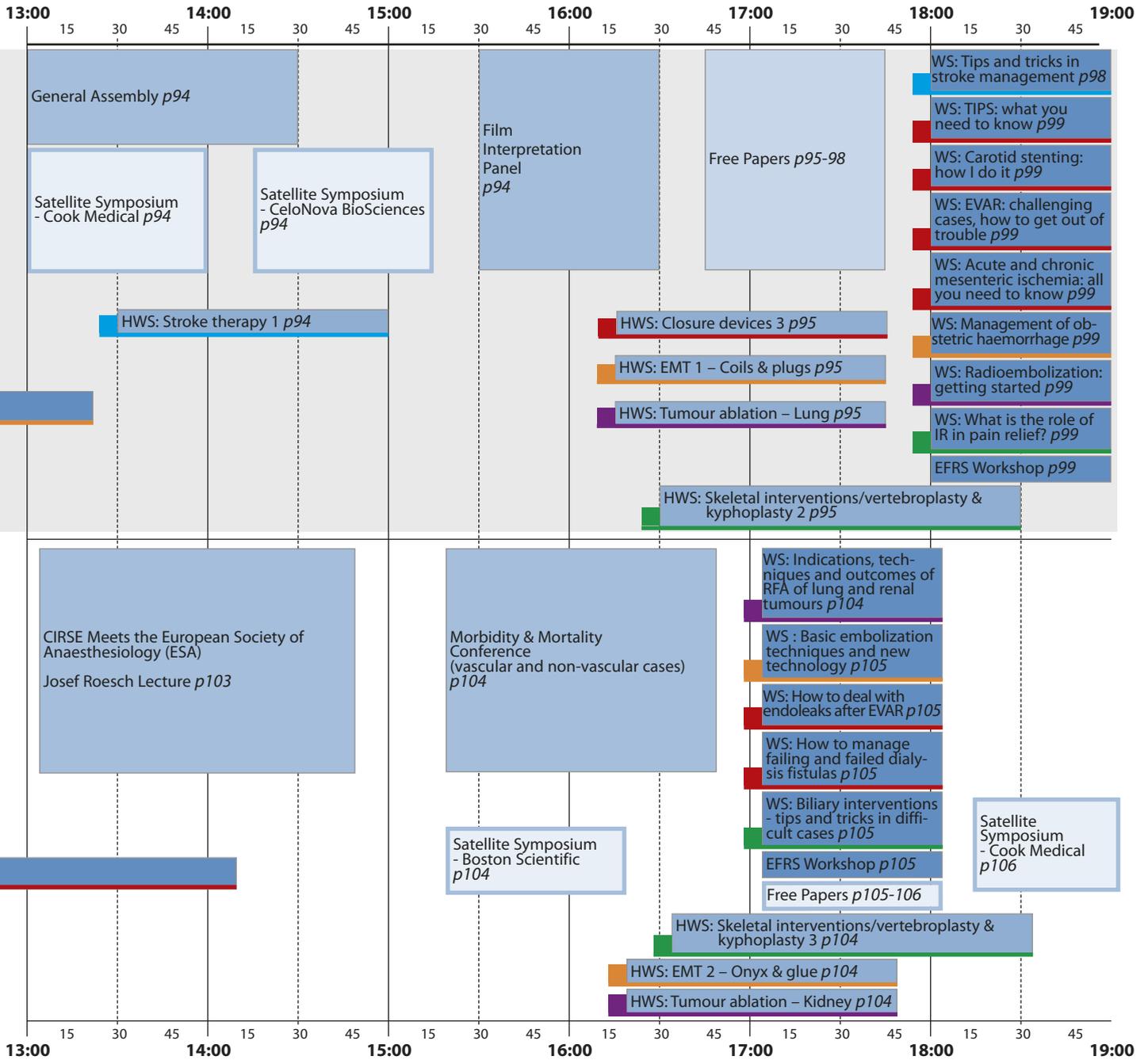
- TRANSCATHETER EMBOLIZATION**
- NON-VASCULAR INTERVENTIONS**
- INTERVENTIONAL ONCOLOGY**
- VASCULAR INTERVENTIONS**
- NEURO INTERVENTIONS**
- CLINICAL PRACTICE**
- IMAGING**



EFRS: European Federation of Radiographer Societies
ICS: Interactive Case Session
HWS: Hands-on Workshop

FC: Foundation Course
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- TRANSCATHETER EMBOLIZATION**
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Saturday, October 2, 2010

- FC 101** 08:30-09:30 **Foundation Course** **Auditorio Principal**
Chronic critical limb ischemia
Moderator: J.H. Peregrin (Prague/CZ)
- 101.1 Epidemics and pathophysiology
P. Reimer (Karlsruhe/DE)
- 101.2 The essentials of medical treatment and wound care
M. Brodmann (Graz/AT)
- 101.3 Revascularization algorithm
J.A. Reekers (Amsterdam/NL)
- 101.4 Technique and tools
D. Karnabatidis (Patras/GR)
- SS 102** 08:30-09:30 **Special Session** **Sala 3A**
Management of bone tumours
Moderators: A.D. Kelekis (Athens/GR), G. Simonetti (Rome/IT)
- 102.1 Imaging and patient selection for IR
T. Sabharwal (London/UK)
- 102.2 Ablation techniques
A. Gangi (Strasbourg/FR)
- 102.3 Embolization
O. Pellerin (Paris/FR)
- 102.4 Osteoplasty
J.-B. Martin (Geneva/CH)
- SS 103** 08:30-09:30 **Special Session** **Auditorio 1A**
Essentials of cardiac imaging
Moderators: D.A. Brisbois (Liège/BE), N.L. Kelekis (Athens/GR)
- 103.1 Cardiac anatomy
G. Mühlenbruch (Aachen/DE)
- 103.2 MR of myocardial ischemia
A.J. Madureira (Porto/PT)
- 103.3 Coronary CTA
S. Leschka (Zürich/CH)
- SS 104** 08:30-09:30 **Special Session** **Sala 3F**
Varicose veins
Moderators: A.H. Matsumoto (Charlottesville, VA/US), G.J. O'Sullivan (Galway/IE)
- 104.1 How to establish a vein clinic
C.A. Binkert (Winterthur/CH)
- 104.2 Anatomy and imaging of varicose veins
A.M. Madureira (Porto/PT)
- 104.3 Laser ablation and RFA
K.D. McBride (Dunfermline /UK)
- 104.4 Adjunctive procedures
D.J. West (Stoke-on-Trent/UK)

- HE 105** 08:30-09:30 **Health Economics Course 1** **Sala 4D**
Moderator: D.A. Kelekis (Athens/GR)
- 105.1 *L. Annemans (Ghent/BE)*
- FC 201** 10:00-11:00 **Foundation Course** **Auditorio Principal**
Abdominal aortic aneurysms
Moderator: R.A. Morgan (London/UK)
- 201.1 Epidemiology and clinical features
M. Katoh (Homburg/DE)
- 201.2 Patient selection for EVAR and imaging strategy
J. Lammer (Vienna/AT)
- 201.3 Device selection, basic technical tips and tricks
F. McGrath (Dublin/IE)
- 201.4 How to follow-up and when to reintervene
K.A. Hausegger (Klagenfurt/AT)
- SS 202** 10:00-11:00 **Special Session** **Sala 3F**
High intensity focused ultrasound
Moderators: M.E. Giménez (Buenos Aires/AR), F. Orsi (Milan/IT)
- 202.1 HIFU: how does it work?
W. Gedroyc (London/UK)
- 202.2 Does it have a role in fibroid management?
A.C. Roberts (La Jolla, CA/US)
- 202.3 Palliation of bone tumours
M. Bezzi (Rome/IT)
- 202.4 Does it have a role in breast cancer?
F. Orsi (Milan/IT)
- SS 203** 10:00-11:00 **Special Session** **Auditorio 1A**
Current status of fibroid embolization
Moderators: T.J. Kroencke (Berlin/DE), J. Spies (Washington, DC/US)
- 203.1 Major clinical trials update
J.A. Reekers (Amsterdam/NL)
- 203.2 What is the ideal embolization material?
E. Santos Martín (Pittsburgh, PA/US)
- 203.3 How should we manage huge fibroids?
J.-P. Pelage (Boulogne/FR)
- 203.4 Fertility and pregnancy considerations
J. Maskova (Aberdeen/UK)
- SS 204** 10:00-11:00 **Special Session** **Sala 3A**
Update on haemodialysis access treatment
Moderators: P. Haage (Wuppertal/DE), P. Rossi (Rome/IT)
- 204.1 Arterial and venous intervention in fistulas
J. García-Medina (Murcia/ES)
- 204.2 Dialysis grafts: how to treat an occluded graft
L. Turmel-Rodrigues (Tours/FR)
- 204.3 Treatment of central venous stenosis
M.K. Glynos (Athens/GR)
- 204.4 Steal syndrome
C. Hohl (Siegburg/DE)

- HE 205** 10:00-11:00 **Health Economics Course 2** **Sala 4D**
Moderator: J.L. Struyven (Brussels/BE)
 205.1 *L. Annemans (Ghent/BE)*
- HoM 1** 10:00-14:20 **Hands-on Workshop** **Simulator Gallery**
Hands-on Masterclass – Critical limb ischaemia - Peripheral intervention
Coordinators: D.A. Gould (Liverpool/UK), D.O. Kessel (Leeds/UK)
Session organizer: A.-M. Belli (London/UK)
Instructors: P. Gaines (Sheffield/UK), G. Markose (London/UK), I. Robertson (Glasgow/UK), O.M. van Delden (Amsterdam/NL)
 HoM 1.1 Group 1 (10:00-12:00)
 HoM 1.2 Group 2 (11:10-13:10)
 HoM 1.3 Group 3 (12:20-14:20)
- FC 301** 11:30-12:30 **Foundation Course** **Auditorio Principal**
Venous thromboembolism
Moderator: R.W. Guenther (Aachen/DE)
 301.1 Clinical presentation and imaging strategies
P. Haage (Wuppertal/DE)
 301.2 Patient selection for IVC filter insertion
D. Vorwerk (Ingolstadt/DE)
 301.3 IVC filter retrieval
C.A. Binkert (Winterthur/CH)
 301.4 Treatment of DVT
G.J. O'Sullivan (Galway/IE)
- SS 302** 11:30-12:30 **Special Session** **Auditorio 1A**
Hepatocellular carcinoma: an update
Moderators: J. Lammer (Vienna/AT), M. Maynar (Santa Cruz de Tenerife/ES)
 302.1 Imaging of HCC in cirrhotic livers
G. Morana (Treviso/IT)
 302.2 Staging and treatment algorithms
J.M. Llovet (Barcelona/ES)
 302.3 RF ablation vs. surgery in small HCC
R. Bale (Innsbruck/AT)
 302.4 We have decided to embolize – which method?
J.I. Bilbao (Pamplona/ES)
- SS 303** 11:30-12:30 **Special Session** **Sala 3A**
Pelvic congestion syndrome and varicocele
Moderators: M.A. De Gregorio (Zaragoza/ES), M. Szczerbo-Trojanowska (Lublin/PL)
 303.1 Pelvic congestion syndrome: imaging and patient selection
V. Le Pennec (Caen/FR)
 303.2 Pelvic congestion syndrome: technique and outcome
A.C. Roberts (La Jolla, CA/US)
 303.3 Varicocele: imaging and patient selection
L.J. Zurera Tendero (Cordoba/ES)
 303.4 Varicocele: technique and outcome
J.M. Pulido Duque (Las Palmas/ES)



- 11:30-12:30
SS 304 Special Session **Sala 3F**
Health economics
- Moderators: J. Palmero (Valencia/ES), J.L. Struyven (Brussels/BE)*
- 304.1 What is cost effectiveness?
L. Annemans (Ghent/BE)
- 304.2 The 10 do's and don'ts in health economics in IR
P. Levy (Paris/FR)
- 304.3 An example: SFA PTA is cost effective vs. medical therapy
C. De Vries (Bloemfontein/ZA)
- 13:00-14:00
SY 401 Satellite Symposium **Auditorio 1A**
Bayer Healthcare
Key challenges with TACE in HCC: where do we go from here?
- Moderator: R. Lencioni (Pisa/IT)*
- 401.1 Welcome and introduction
R. Lencioni (Pisa/IT)
- 401.2 What are the challenges with TACE in intermediate HCC?
J. Lammer (Vienna/AT)
- 401.3 What options exist for patients who are unsuitable for or progress on TACE?
R. Lencioni (Pisa/IT)
- 401.4 Is there a potential role for systemic therapy in patients suitable for TACE?
J.-F.H. Geschwind (Baltimore, MD/US)
- 401.5 Summary and conclusion
R. Lencioni (Pisa/IT)
- 13:00-14:00
SY 402 Satellite Symposium **Sala 3A**
Philips Healthcare
Live 3D guidance – new frontiers in image-guided interventional therapies
- Moderator: B.T. Katzen (Miami, FL/US)*
- 402.1 Advanced imaging applications in transarterial tumor therapy
J.-F.H. Geschwind (Baltimore, MD/US)
- 402.2 Better results in vascular and oncology interventions with multi-modality image guidance
H. Kobeiter (Creteil/FR)
- 402.3 Pushing boundaries in bone interventions
A. Gangi (Strasbourg/FR)
- 13:00-14:00
SY 403 Satellite Symposium **Auditorio Principal**
Siemens
Image-guided solutions for interventional oncology
- Moderator: P.L. Pereira (Heilbronn/DE)*
- 403.1 3D image guidance in interventional oncology: ventilation control, DynaCT body imaging, multimodality registration with real time guidance
B. Gallix (Montpellier/FR)
- 403.2 New trends and imaging of intra-arterial liver tumor therapies
P.L. Pereira (Heilbronn/DE)

	<p>14:15-15:45 CD-HWS 1 Hands-on Workshop A closer look at closure devices</p> <p><i>Coordinator: L. Lönn (Copenhagen/DK)</i> <i>Instructors: T. Larzon (Orebro/SE), J.C. van den Berg (Lugano/CH)</i></p>	Sala 2F
	<p>14:15-15:45 TA-HWS 1 Hands-on Workshop Tumour ablation – starting your practice</p> <p><i>Coordinators: T. de Baère (Villejuif/FR), R. Lencioni (Pisa/IT)</i> <i>Instructors: X. Buy (Strasbourg/FR), R.-T. Hoffmann (Munich/DE), P. Pereira (Heilbronn/DE)</i></p>	Sala 4C
	<p>14:30-15:30 WS 501 Workshop IVC filters: placement and retrieval - how I do it</p> <p>501.1 <i>O. Pellerin (Paris/FR)</i> 501.2 <i>G.R. Plant (Basingstoke/UK)</i></p>	Sala 2E
	<p>14:30-15:30 WS 502 Workshop Challenges in UFE: how to get out of trouble</p> <p>502.1 <i>T.J. Kroencke (Berlin/DE)</i> 502.2 <i>J.-P. Pelage (Boulogne/FR)</i></p>	Sala 3A
	<p>14:30-15:30 WS 503 Workshop Endovascular treatment of cerebral arterio-venous malformations</p> <p>503.1 <i>C. Cognard (Toulouse/FR)</i> 503.2 <i>M. Piotin (Paris/FR)</i></p>	Sala 2G
	<p>14:30-15:30 WS 504 Workshop Abdominal abscess drainage: can all abscesses be drained percutaneously?</p> <p>504.1 <i>O. Akhan (Ankara/TR)</i> 504.2 <i>P.R. Mueller (Boston, MA/US)</i></p>	Sala 4F
	<p>14:30-15:30 WS 505 Workshop Coronary CT for the beginner</p> <p>505.1 <i>N. Mollet (Rotterdam/NL)</i> 505.2 <i>M. Francone (Rome/IT)</i></p>	Sala 1Y
	<p>14:30-15:30 WS 506 Workshop TEVAR - how I do it</p> <p>506.1 <i>T. Pfammatter (Zürich/CH)</i> 506.2 <i>M. Åkesson (Malmö/SE)</i></p>	Sala 1Z

	<p>14:30-15:30</p> <p>WS 507 Workshop Peripheral vascular malformations in adults and children</p> <p>507.1 <i>J.E. Jackson (London/UK)</i> 507.2 <i>A.M. Cahill (Philadelphia, PA/US)</i></p>	Sala 3F
	<p>14:30-15:30</p> <p>WS 508 Workshop Infrainguinal recanalization: new tools and techniques</p> <p>508.1 <i>F. Fanelli (Rome/IT)</i> 508.2 <i>V. Berczi (Budapest/HU)</i></p>	Auditorio 1A
WS 509	<p>14:30-15:30</p> <p>EFRS Workshop 1 Radiation protection in interventional radiology from A to Z</p> <p>509.1 <i>C. David (Prague/CZ)</i> 509.2 <i>J. Kohout (Prague/CZ)</i></p>	Sala 4D
	<p>16:00-18:00</p> <p>CIRSE Opening Ceremony and Awards <i>Chairmen: J. Palmero da Cruz (Valencia/ES), J.H. Peregrin (Prague/CZ)</i></p> <p>Gold Medallist: F.S. Keller (Portland, OR/US) <i>Laudation: J.H. Peregrin (Prague/CZ)</i></p> <p>Distinguished Fellow: O. Akhan (Ankara/TR) <i>Laudation: E. Brountzos (Athens/GR)</i></p> <p>Distinguished Fellow: W.P.Th.M. Mali (Utrecht/NL) <i>Laudation: J.A. Reekers (Amsterdam/NL)</i></p> <p>EPOS Awards</p> <p>CVIR Editor's Medal</p> <p>Flamenco performance by Pepe Pucherete and the Quejíos</p> <p>Flamenco is more than an art form – it also embodies the Spanish soul and our cultural roots. Flamenco dancing is a unique cultural expression, drawing on ancient roots and expressing the passionate spectrum of human emotions: from pain and suffering to joy and exuberance. This heart-stopping performance will demonstrate flamenco in all its different guises, and will be an unforgettable introduction to the colourful tapestry of Spanish culture.</p>	Auditorio Principal

Sunday, October 3, 2010

- SY 700a** 07:50-08:30 **Satellite Symposium** **Sala 3F**
Terumo Europe
Detachable Hydrocoils in Peripheral Aneurysm treatment
- Moderator: P.P. Goffette (Brussels/BE)*
- 700a.1 Polymer coated coil, review of the literature
P.P. Goffette (Brussels/BE)
- 700a.2 Case review, UCL experience in challenging aneurysm
P.P. Goffette (Brussels/BE)
- 700a.3 Management of visceral aneurysm
H. Ferral (Chicago, IL/US)
- SY 700b** 08:00-08:20 **Satellite Symposium** **Sala 4F**
Gore & Associates
The role of SFA endoluminal bypass: latest clinical evidence and ongoing programmes
- Moderator: C. Rabbia (Turin/IT)*
- 700b.1 VIASTAR update: what we have learned about bare metal stents and SFA endoluminal bypass in the treatment of SFA occlusive disease
J. Lammer (Vienna/AT)
- 700b.2 GORE® VIABAHN® Endoprosthesis for in-stent restenosis update: a multicenter, randomized, controlled trial comparing the GORE® VIABAHN® Endoprosthesis with POBA for the treatment of SFA in-stent restenosis
M. Bosiers (Bonheiden/BE)
- Objectives:**
- To understand the rationale, indications and techniques for 25cm GORE® VIABAHN® Endoprosthesis with PROPATEN Bioactive Surface
 - To review the current clinical data and ongoing programmes
- SY 700c** 08:00-08:20 **Satellite Symposium** **Sala 3A**
Boston Scientific
Controversies in Uterine Artery Embolization: A Controlled, Randomized Study Comparing Contour SE™ Microspheres to Embosphere™ Microspheres for Uterine Artery Embolization
- 700c.1 *R. Shlansky-Goldberg (Philadelphia, PA/US)*
- FC 701** 08:30-09:30 **Foundation Course** **Auditorio Principal**
Carotid interventions
- Moderator: M.R. Sapoval (Paris/FR)*
- 701.1 Rationale for intervention: CAS vs. CEA
P. Gaines (Sheffield/UK)
- 701.2 Essentials of pharmacologic therapy
S. Macdonald (Newcastle-upon-Tyne/UK)
- 701.3 How to perform a CAS
S. Cekirge (Ankara/TR)
- 701.4 How to manage complications
K.H. Schürmann (Dortmund/DE)

- SS 702** 08:30-09:30 **Special Session** **Sala 3A**
Portal and mesenteric vein occlusion
Moderators: Z. Haskal (Baltimore, MD/US), E.-P.K. Strecker (Karlsruhe/DE)
- 702.1 Prevalence, etiology and clinical presentation
G.M. Richter (Stuttgart/DE)
- 702.2 Imaging diagnosis and procedure planning
P.P. Goffette (Brussels/BE)
- 702.3 Techniques of recanalization
J.I. Bilbao (Pamplona/ES)
- 702.4 TIPS
J.B. Karani (London/UK)
- SS 703** 08:30-09:30 **Special Session** **Auditorio 1A**
Urogenital intervention
Moderators: M.J. Lee (Dublin/IE), P. Vilares Morgado (Porto/PT)
- 703.1 IR management of postpartum haemorrhage
M. Szczerbo-Trojanowska (Lublin/PL)
- 703.2 How should we manage uncontrollable bladder haemorrhage?
P.J. Haslam (Newcastle-upon-Tyne/UK)
- 703.3 Benign prostatic hyperplasia: can we treat by arterial embolization?
F.C. Carnevale (São Paulo/BR)
- 703.4 Arterial embolization for benign prostatic hyperplasia: will this be the next "UFE"?
C.T. Burke (Chapel Hill, NC/US)
- SS 704** 08:30-09:30 **Special Session** **Sala 2G**
Occupational hazards in IR
Moderators: R.W. Guenther (Aachen/DE), S. Hirota (Nishinomiya/JP)
- 704.1 Radiation risks for IR personnel
E.P. Efstathopoulos (Athens/GR)
- 704.2 Strategies for radiation risk reduction: present and future
G. Bartal (Kfar-Saba/IL)
- 704.3 Incidence, prevention and management of musculoskeletal pain in IR
G. Bartal (Kfar-Saba/IL)
- 704.4 Medicolegal aspects in IR
P. Reimer (Karlsruhe/DE)
- HE 705** 08:30-09:30 **Health Economics Course 3** **Sala 4D**
Moderator: D.J. Allison (New Malden/UK)
- 705.1 *L. Annemans (Ghent/BE)*

- FC 801** 10:00-11:00 **Foundation Course** **Auditorio Principal**
Hepatocellular carcinoma
Moderator: J.I. Bilbao (Pamplona/ES)
- 801.1 Imaging in liver tumours/criteria for therapy evaluation
C. Bartolozzi (Pisa/IT)
- 801.2 Ablative therapy
P.L. Pereira (Heilbronn/DE)
- 801.3 Transcatheter therapy
V. Válek (Brno/CZ)
- 801.4 Combined treatments
T.K. Helmberger (Munich/DE)
- SS 802** 10:00-11:00 **Special Session** **Auditorio 1A**
Management of acute severe lower limb ischemia
Moderators: A.A. Nicholson (Leeds/UK), J.M. Pulido-Duque (Las Palmas de Gran Canaria/ES)
- 802.1 Clinical presentation: how to avoid reperfusion injury
M.A. Funovics (Vienna/AT)
- 802.2 Thrombolysis: when and how
H.-J. Wagner (Berlin/DE)
- 802.3 Mechanical thrombectomy: is there anything new?
S. Frei (St. Gallen/CH)
- 802.4 When it all goes badly wrong - what do you do?
D.O. Kessel (Leeds/UK)
- SS 803** 10:00-11:00 **Special Session** **Sala 3A**
Management of vascular malformations
Moderators: J.E. Jackson (London/UK), J.A. Reekers (Amsterdam/NL)
- 803.1 Low-flow vascular malformations
P. Rowlands (Liverpool/UK)
- 803.2 High-flow vascular malformations
B.E. Cil (Ankara/TR)
- 803.3 Pulmonary vascular malformations
J.E. Jackson (London/UK)
- 803.4 Paediatric vascular malformations
A.M. Cahill (Philadelphia, PA/US)
- SS 804** 10:00-11:00 **Special Session** **Sala 3F**
Essentials of acute stroke management: imaging and indications
Moderators: S. Cekirge (Ankara/TR), D.A. Rüfenacht (Zürich/CH)
- 804.1 Imaging of acute stroke
K.-O. Lovblad (Geneva/CH)
- 804.2 Indications for intervention
D. Vorwerk (Ingolstadt/DE)
- 804.3 How to get started with revascularization
K. Yavuz (Ankara/TR)
- HE 805** 10:00-11:00 **Health Economics Course 4** **Sala 4D**
Moderator: M.R. Sapoval (Paris/FR)
- 805.1 *L. Annemans (Ghent/BE)*

	<p>10:00-14:20</p> <p>HoM 2 Hands-on Workshop</p> <p>Hands-on Masterclass – Carotid artery intervention: when and how?</p> <p><i>Coordinators: D.A. Gould (Liverpool/UK), D.O. Kessel (Leeds/UK)</i> <i>Session organizer: T. Cleveland (Sheffield/UK)</i> <i>Instructors: F. Fanelli (Rome/IT), S. Macdonald (Newcastle-upon-Tyne/UK), L. Stockx (Genk/BE), D. Turner (Sheffield/UK), J. C. van den Berg (Lugano/CH)</i></p> <p>HoM 2.1 Group 1 (10:00-12:00) HoM 2.2 Group 2 (11:10-13:10) HoM 2.3 Group 3 (12:20-14:20)</p>	Simulator Gallery
	<p>11:30-12:30</p> <p>FC 901 Foundation Course</p> <p>Colorectal liver metastases</p> <p><i>Moderator: T.K. Helmberger (Munich/DE)</i></p> <p>901.1 Incidence, staging and recommended imaging strategy <i>A. Gillams (London/UK)</i></p> <p>901.2 Surgical options and medical therapy <i>E. Montalvá Orón (Valencia/ES)</i></p> <p>901.3 Ablative techniques <i>P.R. Mueller (Boston, MA/US)</i></p> <p>901.4 Embolization and radioembolization <i>T.F. Jakobs (Munich/DE)</i></p>	Auditorio Principal
	<p>11:30-12:30</p> <p>SS 902 Special Session</p> <p>Endovascular therapy of thoracic aortic aneurysms</p> <p><i>Moderators: M.D. Dake (Stanford, CA/US), R.A. Morgan (London/UK)</i></p> <p>902.1 Patient and device selection <i>M.S. Hamady (London/UK)</i></p> <p>902.2 Extending the landing zones: risks and benefits <i>A. Chavan (Oldenburg/DE)</i></p> <p>902.3 Results and complications: how can we do better? <i>M. Schoder (Vienna/AT)</i></p> <p>902.4 Clinical and imaging follow-up strategy: which is best? <i>C.M. Loewe (Vienna/AT)</i></p>	Sala 3A
	<p>11:30-12:30</p> <p>ICS 903 Interactive Case Session</p> <p>Uterine fibroid embolization</p> <p>903.1 <i>P.N.M. Lohle (Tilburg/NL)</i> 903.2 <i>J. Spies (Washington, DC/US)</i></p>	 e-voting Auditorio 1A
	<p>11:30-12:30</p> <p>SS 904 Special Session</p> <p>Essentials of acute stroke management: treatment</p> <p><i>Moderators: A.D. Platts (London/UK), D. Vorwerk (Ingolstadt/DE)</i></p> <p>904.1 Update on thrombolysis: intra-venous and intra-arterial <i>E.M. Arsava (Ankara/TR)</i></p> <p>904.2 Mechanical revascularization <i>H. Henkes (Stuttgart/DE)</i></p> <p>904.3 Complications <i>T.E. Mayer (Jena/DE)</i></p>	Sala 3F

	IVC-HWS 1 11:30-12:30 Hands-on Workshop IVC optional/convertible filters	Sala 2A
	<i>Coordinator: M.R. Sapoval (Paris/FR)</i> <i>Instructors: P. Larini (Parma/IT), M.J. Lee (Dublin/IE), O. Pellerin (Paris/FR), D.W. Trost (New York, NY/US), A.F. Watkinson (Exeter/UK)</i>	
SY 1001 13:00-14:00 Satellite Symposium Abbott Vascular BTK treatment at best, based on clinical evidence		Auditorio Principal
	<i>Moderator: M. Manzi (Abano Terme/IT)</i>	
1001.1	Introduction <i>M. Manzi (Abano Terme/IT)</i>	
1001.2	BTK treatment: PTA or stenting? <i>F.E. Vermassen (Ghent/BE)</i>	
1001.3	BTK treatment: is DES a primary treatment option for focal lesions? <i>M. Bosiers (Dendermonde/BE)</i>	
1001.4	Which treatment for which lesion? <i>M. Manzi (Abano Terme/IT)</i>	
	Objectives: - To highlight the different treatment options for BTK lesions - To discuss device choice depending on lesion type	
SY 1002 13:00-14:00 Satellite Symposium AGA Medical Corporation AMPLATZER® Vascular Plugs: Advancing the Standard of Care in Peripheral Embolization		Sala 3A
	<i>Moderator: C. Ferro (Genoa/IT)</i>	
1002.1	Treating the Distal and Tortuous Vasculature with AMPLATZER® Vascular Plug 4 <i>U.G. Rossi (Genoa/IT)</i>	
1002.2	Is the AMPLATZER® Vascular Plug the Optimal Choice for Pulmonary Arterio Venous Malformation Embolization? <i>F. Thony (Grenoble/FR)</i>	
1002.3	Outcomes and Experiences of a Prospective Randomized Visceral Trial comparing Microcoils and AMPLATZER® Vascular Plugs <i>M. Pech (Magdeburg/DE)</i>	
SY 1003 13:00-14:00 Satellite Symposium Terumo Europe Peripheral artery stenting: contemporary practice and future prospects		Auditorio 1A
	<i>Moderator: M. Maynar (Santa Cruz de Tenerife/ES)</i>	
1003.1	Current standards and emerging directions in peripheral intervention <i>S. Müller-Hülsbeck (Flensburg/DE)</i>	
1003.2	Misago peripheral stent: a growing body of clinical evidence <i>K.-L. Schulte (Berlin/DE)</i>	
1003.3	Critical issues in SFA / Popliteal / BTK artery stenting <i>F. Fanelli (Rome/IT)</i>	
1003.4	The renal artery revascularization therapy: strengths and limitations of the current evidence base <i>M.R. Sapoval (Paris/FR)</i>	

14:15-16:00

CIRSE meets Latin America / Andreas Gruentzig Lecture**Auditorio Principal****CM 1101 CIRSE meets Latin America***Chairmen: M.E. Giménez (Buenos Aires/AR), J.H. Peregrin (Prague/CZ)*

- 1101.1 IR in Latin America: where do we stand?
M. Guimaraes (Charleston, SC/US)
- 1101.2 Biliary interventions in Latin America
M.E. Giménez (Buenos Aires/AR)
- 1101.3 Translumbal dialysis catheter. Results of the largest experience in Latin America
J.M. Lozano (Bogotá/CO)

HL 1102 Andreas Gruentzig Lecture*Laudation: J.A. Reekers (Amsterdam/NL)*

- 1102.1 Cooking and interventional radiology: what do they have in common?
D. Vorwerk (Ingolstadt/DE)

16:15-17:15

FP 1201 Free Papers**Sala 2E****Aortic and peripheral vascular imaging***Moderators: D.A. Brisbois (Liège/BE), W.P.Th.M. Mali (Utrecht/NL)*

- 1201.1 Maximum diameter measurements of aortic aneurysms after endovascular aneurysm repair: sufficient for follow-up?
S. Baumüller, T.D.L. Nguyen, R.P. Goetti, T. Pfammatter, M. Lachat, T. Frauenfelder; Zürich/CH
- 1201.2 Dynamic CT angiography: role in the evaluation of popliteal artery Entrapment syndrome
G. Anil, K.H. Tay, R. Lo, M. Taneja, T. Teo, F. Irani, B.S. Tan; Singapore/SG
- 1201.3 Dynamic cine CT-angiography (CTA) of the proximal aneurysm neck: conformational changes during the cardiac cycle with possible consequences for endograft selection and sizing**
R. Iezzi, C. Di Stasi, F. Pirro, R. Dattesi, F. Snider, L. Bonomo; Rome/IT
- 1201.4 Comparison of the quality of lower limb magnetic resonance angiography performed with different paramagnetic contrast agents in relation to body mass index and ejection fraction
L. Hrdina, M. Köcher, M. Černá, D. Horak, M. Herman, J. Kozak; Olomouc/CZ
- 1201.5 Utility of time-resolved contrast enhanced magnetic resonance angiography in evaluation of peripheral vascular malformations
A. Moktassi, J. Jaskolka, R. Menezes, R. Bleakney; Toronto, ON/CA
- 1201.6 Evaluation of patients with AAA prior to endovascular repair (stentgraft planning): high-resolution MRI with blood pool contrast agent Gadofosveset (Vasovist®) versus CT-angiography
F. Wolf, D. Beitzke, C. Plank, M.A. Funovics, M. Schoder, J. Lammer, D. Berzaczky, M. Popovic, R.E. Scherthaner, W. Matzek, M.O. Philipp, G. Edelhauser, C.M. Loewe; Vienna/AT



- 16:15-17:15
- FP 1202 Free Papers Sala 3A**
- Oncologic interventions 1: DC bead embolization**
- Moderators: N. Hacking (Southampton/UK), V. Válek (Brno/CZ)*
- 1202.1 Management of diffuse hepatocellular cancer (≥ 10 lesions) with doxorubicin-loaded DC bead is a safe and effective treatment option
R.C. Martin¹, I. Kralj², A. Valdata¹, J. Urbano³, J. Palmero⁴, D. Pérez Enguix⁴, R. Monaco⁵, C. Tatum¹; ¹Louisville, KY/US, ²Karlsruhe/DE, ³Madrid/ES, ⁴Valencia/ES, ⁵Buenos Aires/AR
- 1202.2 Prospective, phase II study of chemoembolization with drug-eluting beads for hepatic neuroendocrine metastases: interim analysis
D. Reyes, I. Kamel, K. Hong, C. Georgiades, N. Bhagat, C. Frangakis, L. Diaz, J.-F.H. Geschwind; Baltimore, MD/US
- 1202.3 Precision V randomized trial: liver, gastrointestinal and cardiac toxicity in intermediate hepatocellular carcinoma (HCC) treated with PRECISION TACE with drug-eluting beads**
T.J. Vogl¹, C. Lee¹, R. Lencioni², K. Malagari³, F. Pilleul⁴, A. Denys⁵, A.F. Watkinson⁶, J. Lammer⁷; ¹Frankfurt/DE, ²Pisa/IT, ³Athens/GR, ⁴Lyon/FR, ⁵Lausanne/CH, ⁶Exeter/UK, ⁷Vienna/AT
- 1202.4 Safety profile of sequential small caliber drug eluting bead chemoembolization (DEB-TACE): results in 237 HCC patients
M. Angelopoulos¹, K. Malagari¹, M. Pomoni¹, T. Spyridopoulos¹, H. Moschouris¹, L. Thanos¹, E. Emmanouil¹, A. Simopoulos¹, P. Papandoniou¹, A. Pomoni¹, N. Dayandas¹, A.D. Kelekis¹, R. Golfieri², D.A. Kelekis¹; ¹Athens/GR, ²Bologna/IT
- 1202.5 Optimal technique of doxorubicin DC bead in hepatocellular cancer: small bead vs large bead, one vial vs two vials, complete stasis vs partial stasis
R.C. Martin¹, J. Irurzun², J. Munchart², I. Trofimov³, A. Scupchenko⁴, L. Rustein⁵, G. Narayanan⁶; ¹Louisville, KY/US, ²Alicante/ES, ³Moscow/RU, ⁴Samara/RU, ⁵Portland, OR/US, ⁶Miami, FL/US
- 1202.6 Comparison of survival outcome in patients with unresectable hepatocellular carcinoma treated with triple drug TACE and doxorubicin-loaded LC-beads
A.S. Gomes¹, C.D. Britten¹, R.S. Finn¹, S. Sadeghi², H. Jarmakani¹, P.A. Monteleone¹, J.W. Sayre¹, M.J. Tong², R.W. Busutti³; ¹Los Angeles, CA/US, ²Santa Monica, CA/US, ³Los Angeles, CA/US
- 16:15-17:15
- FP 1203 Free Papers Auditorio 1A**
- PVD 1: peripheral arterial stents and stent-grafts**
- Moderators: D. Liermann (Herne/DE), B.F. Stainken (Providence, RI/US)*
- 1203.1 Viabahn and Hemobahn stentgrafts in popliteal artery aneurysms endovascular treatment as first line option in selected cases: ten years personal experience
G. Boselli; Reggio Emilia/IT
- 1203.2 MISAGO 2: One year clinical outcome from the large multicentric study of Terumo-Misago peripheral stent
K.-L. Schulte¹, I. Kralj², F.E. Vermassen³, M.R. Sapoval⁴, R. Langhoff¹, S. Müller-Hülsbeck⁵, J.H. Peregrin⁶, M. Åkesson⁷, T. Zeller⁸, W. Ritter⁹; ¹Berlin/DE, ²Karlsruhe/DE, ³Ghent/BE, ⁴Paris/FR, ⁵Flensburg/DE, ⁶Prague/CZ, ⁷Malmö/SE, ⁸Bad Krozingen/DE, ⁹Nürnberg/DE
- 1203.3 STAG trial: a multicentre randomised clinical trial comparing angioplasty and stenting for the treatment of iliac occlusion**
S.D. Goode, N. Hersey, T.J. Cleveland, P. Gaines, STAG Trialists; Sheffield/UK
- 1203.4 Single center experience with the self-expanding life-stent (Bard): patency after 12-months in short and long distance (TASC-A – TASC-D) lesions in superficial femoral and proximal popliteal arteries
J. Schneider, T. Achenbach, N. Bozkurt, Y. Yang, T. Bostel, C. Düber, M.B. Pitton; Mainz/DE
- 1203.5 Morphological suitability of patients with aorto-iliac aneurysms for endovascular preservation of the internal iliac artery using commercially available iliac branch graft devices
A. Karthikesalingam, R. Hinchliffe, A. Malkawi, P. Holt, I. Loftus, M. Thompson; London/UK
- 1203.6 Endovascular peripheral and visceral aneurysms repair with Cardiatis multilayer stent: Italian multicenter preliminary experience
M.A. Ruffino, P. Muratore, A. Mancini, R.E. Pini, C. Suriani, C. Rabbia; Turin/IT



- 16:15-17:15
FP 1204 Free Papers **Sala 1Z**
TIPS and portal vein interventions
- Moderators: S. Hirota (Nishinomiya/JP), E.M. Walser (Jacksonville, FL/US)*
- 1204.1 Percutaneous transhepatic angioplasty for anastomotic stenosis of portal vein in patients with living donor liver transplantation: long-term results
S. Toshiya, I. Hiroyoshi, T. Kaori; Kyoto/JP
- 1204.2 Pediatric transjugular intrahepatic portosystemic shunt (TIPS): use of covered stents
G.M. Shivaram, S. Vaidya, N.J. Vo; Seattle, WA/US
- 1204.3 TIPS: 10-year experience in the covered stent-graft era**
F. Fanelli, A. Bruni, E. Boatta, P. Lucatelli, M. Allegritti, R. Passariello; Rome/IT
- 1204.4 4-year patency of 122 PTFE-covered TIPS
C. Weber, S. White, J.I. Mondschein, S.W. Stavropoulos, S.O. Trerotola, M.C. Soulen; Philadelphia, PA/US
- 1204.5 Transjugular portosystemic stent shunts (TIPS) with e-PTFE-stentgrafts in patients with refractory ascites or acute variceal bleeding
M.B. Pitton, J. Schneider, T. Achenbach, R. Kloeckner, C. Düber; Mainz/DE
- 1204.6 Autologous pancreatic islet cell autotransplantation following total pancreatectomy: a modified approach
R. Uflacker, K. Morgan, D. Adams, M. Guimaraes; Charleston, SC/US
- 16:15-17:15
FP 1205 Free Papers **Sala 1Y**
Venous interventions 1
- Moderators: J.H. Göthlin (Glommen/SE), C. Hohl (Siegburg/DE)*
- 1205.1 The use of stent grafts in the treatment of central vein stenosis and occlusion in dialysis patients
A. Verstandig, D. Berelovitz, I. Zaghal, D. Shemesh, I. Goldin; Jerusalem/IL
- 1205.2 Percutaneous manual aspiration thrombectomy as the first line treatment of acute and subacute iliofemoral deep venous thrombosis: 5 years follow-up results in 139 patients
L. Oguzkurt, U. Ozkan, F. Tercan, N. Koca, O. Gulcan; Adana/TR
- 1205.3 The PEARL (PEripheral use of AngioJet Rheolytic thrombectomy with mid-Length catheters) registry for deep vein thrombosis**
R.A. Lookstein¹, L. Blitz², E. Simoni³; ¹New York, NY/US, ²Pompton Plains, NJ/US, ³Dayton, OH/US
- 1205.4 Successful recanalization of symptomatic chronic benign central venous occlusion with radiofrequency (RF) puncture wire technique
M. Guimaraes, R. Uflacker, C. Schonholz, B. Selby Jr, C. Hannegan; Charleston, SC/US
- 1205.5 The safety and efficacy of prophylactic vena cava filters following major trauma
L. Batty, A. Dowrick, M. Bailey, S. Lyon, S. Liew; Melbourne, VIC/AU
- 1205.6 Function, safety and retrievability of G2 filter as a temporary device in protecting against pulmonary embolism: a retrospective study of 139 filter retrievals
W. Wang¹, M.D. Tam¹, X. Zhu², M.J. Sands¹, J.S. Newman¹, J. Bartholomew¹; ¹Cleveland, OH/US, ²Suzhou/CN
- 16:15-17:15
FP 1206 Free Papers **Sala 4D**
Biliary interventions
- Moderators: P.E. Huppert (Darmstadt/DE), I.K. Tesdal (Friedrichshafen/DE)*
- 1206.1 Percutaneous treatment of biliary cast syndrome in patients after orthotopic liver transplantation employing a mechanical rheolytic system
M. Schlieter, R. López-Benítez, H.U. Kauczor, P.J. Hallscheidt; Heidelberg/DE
- 1206.2 Successfully experience of percutaneous pneumolithotripsy by extreme large-size transhepatic access in 100 patients with difficult common bile duct calculi
O.I. Okhotnikov, S.N. Grigoriev, M.V. Yakovleva; Kursk/RU
- 1206.3 British Society of Interventional Radiology: biliary drainage and stenting registry**
R. Uberoi¹, J.G. Moss², I. Robertson¹; ¹Oxford/UK, ²Glasgow/UK
- 1206.4 Risk modelling to predict outcome after percutaneous biliary drainage
N.M. Masson¹, M. Ritchie¹, P. Thorpe², S. Chakraverty³, J. Gordon Smith⁴, I. Robertson¹, J.G. Moss¹; ¹Glasgow/UK, ²Aberdeen/UK, ³Dundee/UK, ⁴Edinburgh/UK
- 1206.5 Percutaneous palliation of malignant infrahilar biliary obstruction with covered versus non covered biliary stents: results of a prospective randomized trial
E. Dhondt, P. Vanlangenhove, K. De Keukeleire, E. Sturm, G. Van Maele, L. Defreyne; Ghent/BE
- 1206.6 Percutaneous interstitial brachytherapy (IB) in patients with bilioenteric anastomosis
J. Banzer, D. Schnapauß, G. Brinkhaus, P. Wust, B. Hamm, B. Gebauer; Berlin/DE



16:15-17:15
FP 1207 Free Papers **Sala 4F**
Musculoskeletal interventions: spine

Moderators: G.C. Anselmetti (Candiolo/IT), J.A. Carrino (Baltimore, MD/US)

- 1207.1 Mortality risk for operated and non-operated vertebral fracture patients in the U.S. medicare population
A.A. Edidin¹, K.L. Ong², E. Lau³, S.M. Kurtz²; ¹Sunnyvale, CA/US, ²Philadelphia, PA/US, ³Menlo Park, CA/US
- 1207.2 Quantitative discomanometry: correlation of intradiscal pressure values to pain reduction in patients with inter-vertebral disc herniation treated with percutaneous, minimally invasive, image guided techniques
D.K. Filippidis, A.D. Kelekis, A. Mazioti, G. Oikonomoulas, E. Brountzos, N.L. Kelekis; Athens/GR
- 1207.3 Percutaneous vertebroplasty is not a risk factor for new osteoporotic compression fractures: results from VERTOS II**
C.A. Klazen¹, A. Venmans², W.-J.J. van Rooij², F.H. Jansen³, A.V. Tielbeek³, M.C. Schoemaker², K.J. van Everdingen⁴, H. Franssen⁵, O.E. Elgersma⁶, P.N.M. Lohle², W.P. Mali⁴; ¹Enschede/NL, ²Tilburg/NL, ³Eindhoven/NL, ⁴Utrecht/NL, ⁵Gent/BE, ⁶Dordrecht/NL
- 1207.4 1H-MR spectroscopy in the evaluation of osteoporotic and neoplastic vertebral fractures prior percutaneous vertebroplasty
F. Massari, P. Assako Ondo, S. Masala, G. Simonetti; Rome/IT
- 1207.5 Randomized trial comparing vertebroplasty and conservative treatment analyzing pain relief and quality of life on the long term basis
J. Blasco, A. Garcia, L. San Román Manzanera, J.M. Macho, P. Peris, P. Jaume, E. Criado; Barcelona/ES
- 1207.6 Effect of percutaneous vertebroplasty upon changes in load distribution during standing and walking: clinical experience and preliminary results
D.K. Filippidis, A.D. Kelekis, G. Velonakis, A. Mazioti, E. Brountzos, N.L. Kelekis; Athens/GR



16:15-17:15
FP 1208 Free Papers **Sala 2G**
Neuro and carotid interventions

Moderators: R. Chapot (Essen/DE), L. Stockx (Genk/BE)

- 1208.1 Are carotid stent fractures clinically significant?
M. Garcia-Toca, M.K. Eskandari, A. Keeling, P.A. Naughton, M.D. Morasch, M.K. Kibbe, H.E. Rodriguez; Chicago, IL/US
- 1208.2 UK national carotid artery stenting registry: short and long term outcomes
S.D. Goode, J. Saeed, A.P. Counsell, T.J. Cleveland, S. Thomas, P. Gaines; Sheffield/UK
- 1208.3 NIHR/HTA/BUPA Foundation/University of Oxford asymptomatic carotid surgery trial-2 carotid stenting vs surgery: greater stenting experience will improve the quality of randomised trials**
A. Halliday¹, E. Hayter¹, L. Hirt², S. Macdonald³, on behalf of the ACST-2 Collaborators; ¹London/UK, ²Oxford/UK, ³Newcastle-upon-Tyne/UK
- 1208.4 Initial experience with a combined multi-detector row CT and angiography suite with a single interactive table for the evaluation and treatment of vascular disease involving the head and neck
J.J. Gemmete¹, N. Chaudhary¹, A. Pandey¹, S.A. Ansari²; ¹Ann Arbor, MI/US, ²Chicago, IL/US
- 1208.5 New flow reversal carotid protection-device for carotid artery angioplasty and stenting (CAS): results of the first 70 procedures
M.K.W. Stengel; Bruchsal/DE
- 1208.6 Inferior petrosal sinus sampling (IPSS) in the diagnostic evaluation of Cushing's syndrome (CS): eight year single center experience
C. Anderson, M.L. Vance, J.F. Angle; Charlottesville, VA/US





- 16:15-17:15
FP 1209 Free Papers **Sala 3F**
Embolotherapy 1
- Moderators: M.R. Sapoval (Paris/FR), A.F. Watkinson (Exeter/UK)*
- 1209.1 Compression and relaxation tests are complementary to evaluate embolisation microspheres: comparison of Embosphere, Embozene and BeadBlock
K. Hidaka¹, L. Moine², G. Collin³, D. Labarre², K. Osuga⁴, A. Laurent⁵; ¹Suita City/JP, ²Chatenay-Malabry Cede/FR, ³Compiègne/FR, ⁴Suita/JP, ⁵Paris/FR
- 1209.2 Transcatheter therapy for upper gastrointestinal non-variceal hemorrhage: is empiric embolization warranted?
N. Fidelman¹, R. Eliahou², A. Klimov², A. Bloom²; ¹San Francisco, CA/US, ²Jerusalem/IL
- 1209.3 Prostatic arterial embolization to treat benign prostatic hyperplasia**
J.M. Pisco, L.C. Pinheiro, T. Bilhim, M. Duarte, J.R. Mendes; Lisbon/PT
- 1209.4 Embolization of polycystic kidneys: an alternative to nephrectomy before renal transplantation
F. Cornelis, R. Hubrecht, Y. Le Bras, N. Grenier; Bordeaux/FR
- 1209.5 Occlusion of pulmonary arteriovenous malformations with Amplatzer Vascular Plug II: preliminary results
R. Andersen, E. Dorenberg, P. Giæver, G. Hafsaah; Oslo/NO
- 1209.6 Balloon-occluded retrograde transvenous obliteration (BRTO) for gastric varices: usefulness of microcatheters
T. Sonomura¹, W. Ono², M. Sato¹, H. Sanda², S. Ishii², H. Tanihata², S. Sahara¹, I. Takasaka¹, M. Nakai¹, H. Minamiguchi¹, N. Kawai¹, K. Kishi¹; ¹Wakayama/JP, ²Kishiwada/JP

- 16:15-17:45
CD-HWS 2 Hands-on Workshop **Sala 2F**
A closer look at closure devices
- Coordinator: L. Lönn (Copenhagen/DK)*
Instructors: T. Larzon (Orebro/SE), J.C. van den Berg (Lugano/CH)

- 16:15-17:45
TA-HWS 2 Hands-on Workshop **Sala 4C**
Tumour ablation – liver
- Coordinators: T. de Baère (Villejuif/FR), R. Lencioni (Pisa/IT)*
Instructors: A. Gillams (London/UK), R. Lencioni (Pisa/IT), O. Seror (Bondy Cedex/FR)

- 16:30-18:30
SIV-HWS 1 Hands-on Workshop **Hospital 9 de Octubre**
Skeletal interventions/vertebroplasty & kyphoplasty
- Coordinators: A. Gangi (Strasbourg/FR), T. Sabharwal (London/UK)*
Local organizers: F. Aparisi (Valencia/ES), J. Palmero (Valencia/ES)
Instructors: F. Aparisi (Valencia/ES), X. Buy (Strasbourg/FR)

- 17:30-18:30
WS 1301 Workshop **Sala 2G**
Intracranial aneurysm treatment
- 1301.1 *R. Chapot (Essen/DE)*
 1301.2 *S. Cekirge (Ankara/TR)*

- 17:30-18:30
WS 1302 Workshop **Sala 3F**
Embolization of pulmonary vascular malformations: how I do it
- 1302.1 *J.E. Jackson (London/UK)*
 1302.2 *A. Buecker (Homburg/DE)*

	WS 1303 17:30-18:30 Workshop BTK PTA and stenting: tools, techniques, should I stent?	Sala 3A
	1303.1 <i>R. Gandini (Rome/IT)</i> 1303.2 <i>N.G. Fishwick (Leicester/UK)</i>	
	WS 1304 17:30-18:30 Workshop How to treat dialysis associated hand ischemia and non-maturing fistula	Sala 4F
	1304.1 <i>L. Turmel-Rodrigues (Tours/FR)</i> 1304.2 <i>S.O. Trerotola (Philadelphia, PA/US)</i>	
	WS 1305 17:30-18:30 Workshop Recanalization of aorto-iliac occlusions: how I do it	Auditorio 1A
	1305.1 <i>E. Brountzos (Athens/GR)</i> 1305.2 <i>A.L. Jacob (Basel/CH)</i>	
	WS 1306 17:30-18:30 Workshop Varicose vein ablation: Who should do it? How to do it? Outcomes	Sala 1Y
	1306.1 <i>K.D. McBride (Dunfermline/UK)</i> 1306.2 <i>J.A. Kaufman (Portland, OR/US)</i>	
	WS 1307 17:30-18:30 Workshop The role of RFA in the treatment of liver tumours	Sala 2E
	1307.1 <i>J. Kettenbach (Bern/CH)</i> 1307.2 <i>F. Orsi (Milan/IT)</i>	
	WS 1308 17:30-18:30 Workshop Don't be afraid to become primary physician for patients with myomata	Sala 1Z
	1308.1 <i>N. McEniff (Dublin/IE)</i> 1308.2 <i>T.J. Kroencke (Berlin/DE)</i>	
	WS 1309 17:30-18:30 EFRS Workshop 2 The imaging process in interventional radiology	2 Sala 4D
	1309.1 <i>J. Kohout (Prague/CZ)</i> 1309.2 <i>C. David (Prague/CZ)</i>	

- 18:40-19:20
SY 1310 **Satellite Symposium** **Sala 3A**
Bolton Medical
Fluid dynamics in thoracic aortic stent grafting and early clinical experience with the new RELAY NBS PLUS
- Moderator: M.S. Hamady (London/UK)*
- 1310.1 Computational fluid dynamics in TEVAR: a study performed with the RELAY thoracic stent graft
H. Rousseau (Toulouse/FR)
- 1310.2 Early clinical experience with the new RELAY NBS PLUS thoracic stent-graft
C. Ferro (Genoa/IT)
- 18:40-19:25
SY 1311 **Satellite Symposium** **Sala 4F**
InSightec
The ExAblate operating room - non-invasive surgery using MR guided focused ultrasound technology
- Moderator: M. Bezzi (Rome/IT)*
- 1311.1 Current developments in MR guided focused ultrasound
W.M. Gedroyc (London/UK)
- 1311.2 The potential of MRgFUS as a non-invasive technology for image guided oncology indications
A. Melzer (Dundee/UK)
- 1311.3 MR guided focused ultrasound for prostate cancer, initial clinical experience
C. Cheng (Singapore/SG)
- 18:40-19:40
SY 1312 **Satellite Symposium** **Sala 3F**
MEDRAD Interventional
MEDRAD Interventional® introduction & overview of the Cotavance™ drug eluting balloon with Paccocath® technology
- Moderator: N. Diehm (Bern/CH)*
- 1312.1 Lessons learned from the Thunder and Fempac Trials and a look ahead to the next challenge: atherectomy and drug eluting balloons
G. Tepe (Rosenheim/DE)
- 1312.2 Paccocath® technology development update: insights into safety and efficacy of latest generation Cotavance™ drug eluting balloon
J. Granada (Orangeburg, NY/US)
- 1312.3 Future horizons and clinical studies with Cotavance™ drug eluting balloon
N. Diehm (Bern/CH)

Monday, October 4, 2010

- SY 1400a** 07:45-08:20 **Satellite Symposium** **Sala 3F**
Biocompatibles
DC Bead - setting the standard in interventional oncology
Moderator: T. de Baère (Villejuif/FR)
- 1400a.1 DC Bead managing metastatic colorectal cancer: clinical experience from Germany
P.E. Huppert (Darmstadt/DE)
- 1400a.2 DC Bead^{MI} managing metastatic disease. Clinical rational and pilot data.
R.C. Martin (Louisville, KY/US)
- SY 1400b** 08:00-08:20 **Satellite Symposium** **Sala 4F**
Sirtex Medical
Radioembolisation in HCC: who, what, when and how?
Moderator: J.I. Bilbao (Pamplona/ES)
- 1400b.1 *B. Sangro (Pamplona/ES)*
- SY 1400c** 08:00-08:20 **Satellite Symposium** **Sala 4D**
St. Jude Medical
Angio-Seal closure device: review of the recent literature
- 1400c.1 *J.A. Reekers (Amsterdam/NL)*
- FC 1401** 08:30-09:30 **Foundation Course** **Auditorio 1A**
Lung tumours
Moderator: R. Lencioni (Pisa/IT)
- 1401.1 Patient selection for interventional management
L. Crocetti (Pisa/IT)
- 1401.2 Ablation of lung cancer
J. Palussière (Bordeaux/FR)
- 1401.3 Difficult cases and complications
D.E. Dupuy (Providence, RI/US)
- 1401.4 Imaging follow-up: what is different
T. de Baère (Villejuif/FR)
- SS 1402** 08:30-09:30 **Special Session** **Auditorio Principal**
Acute aortic syndrome
Moderators: B.T. Katzen (Miami, FL/US), L. Lönn (Copenhagen/DK)
- 1402.1 Patient selection, imaging and technique
F. Fanelli (Rome/IT)
- 1402.2 Results in acute and chronic type B dissections
M.D. Dake (Stanford, CA/US)
- 1402.3 Aortic trauma
R.A. Morgan (London/UK)
- 1402.4 Complications of endografting: prevention and management
H. Rousseau (Toulouse/FR)

- SS 1403** **Special Session** **IR in trauma patients** **Sala 3A**
 08:30-09:30
Moderators: M. Matson (Essex/UK), P. Vilares Morgado (Porto/PT)
- 1403.1 Patient selection according to imaging findings and clinical status
P.K. Ellis (Belfast/UK)
- 1403.2 Pelvic traumatic haemorrhage: when and how to intervene
J. Urbano (Madrid/ES)
- 1403.3 Liver and splenic traumatic haemorrhage: when and how to intervene
C. De Vries (Bloemfontein/ZA)
- 1403.4 Iatrogenic traumatic haemorrhage: causes and management
A.F. Watkinson (Exeter/UK)
- ICS 1404** **Interactive Case Session** **Peripheral vascular disease** **Sala 3F** 
 08:30-09:30
- 1404.1 *A.D. Platts (London/UK)*
- 1404.2 *M.J. Lee (Dublin/IE)*
- SS 1405** **Special Session** **Essentials of stroke management: prevention** **Sala 2G**
 08:30-09:30
Moderators: A.M. Al-Kutoubi (Beirut/LB), S. Cekirge (Ankara/TR)
- 1405.1 Detection of supraaortic atherosclerotic disease with non-invasive imaging
R. Salgado (Edegem/BE)
- 1405.2 Prevention of stroke with medical treatment
E.M. Arsava (Ankara/TR)
- 1405.3 Extracranial stenting
S. Geyik (Ankara/TR)
- 1405.4 Intracranial stenting
D.A. Rüfenacht (Zürich/CH)
- HoM 3** **Hands-on Workshop** **Hands-on Masterclass – Uterine fibroid embolization: tips and tricks** **Simulator Gallery**
 09:00-13:20
Coordinators: D.A. Gould (Liverpool/UK), D.O. Kessel (Leeds/UK)
Session organizer: J.-P. Pelage (Boulogne/FR)
Instructors: T.J. Kroencke (Berlin/DE), O. Limot (Poissy/FR), P.N.M. Lohle (Tilburg/NL)
- HoM 3.1 Group 1 (09:00-11:00)
- HoM 3.2 Group 2 (10:10-12:10)
- HoM 3.3 Group 3 (11:20-13:20)
- FC 1501** **Foundation Course** **Renal tumours** **Auditorio 1A**
 10:00-11:00
Moderator: A. Adam (London/UK)
- 1501.1 Imaging and staging
A. Buecker (Homburg/DE)
- 1501.2 Transcatheter therapy: who and when
J. Palmero (Valencia/ES)
- 1501.3 RFA/cryoablation/electroporation
D.J. Breen (Southampton/UK)
- 1501.4 Difficult cases and complications
R. Oyen (Leuven/BE)

- SS 1502** 10:00-11:00 **Special Session** **Auditorio Principal**
Renal artery interventions
Moderators: J. Golzarian (Minneapolis, MN/US), J. Urbano (Madrid/ES)
- 1502.1 Treatment of atheromatous renal artery stenosis
M.O. Downes (Canterbury/UK)
- 1502.2 Treatment of non-atheromatous renal artery stenosis
J.H. Peregrin (Prague/CZ)
- 1502.3 Treatment of renal artery aneurysms
K.A. Hausegger (Klagenfurt/AT)
- 1502.4 Renal arterial denervation for the treatment of hypertension
M.R. Sapoval (Paris/FR)
- SS 1503** 10:00-11:00 **Special Session** **Sala 3F**
New frontiers in IR
Moderators: M.S. Johnson (Indianapolis, IN/US), M.J. Lee (Dublin/IE)
- 1503.1 Interventional radiology at the molecular level
J.-F.H. Geschwind (Baltimore, MD/US)
- 1503.2 Nanotechnology: is it important in IR?
A. Keeling (Dublin/IE)
- 1503.3 Interventions in the fetus
J. Deprest (Leuven/BE)
- 1503.4 Robotics in IR
T. Schmitz-Rode (Aachen/DE)
- SS 1504** 10:00-11:00 **Special Session** **Sala 3A**
Supraaortic occlusive disease
Moderators: E. Górriz (Las Palmas de Gran Canaria/ES), K. Mathias (Dortmund/DE)
- 1504.1 Current guidelines for carotid stenosis management
J.C. van den Berg (Lugano/CH)
- 1504.2 Current status: CEA vs. CAS
H.-H. Eckstein (Munich/DE)
- 1504.3 Cerebral protection: where do we stand?
T.J. Cleveland (Sheffield/UK)
- 1504.4 Brachiocephalic, subclavian and vertebral artery treatment
P. Haage (Wuppertal/DE)
- ICS 1505** 10:00-11:00 **Interactive Case Session**  **e-voting**
Musculoskeletal interventions **Sala 2G**
- 1505.1 *S.M. Tutton (Milwaukee, WI/US)*
- 1505.2 *T. Sabharwal (London/UK)*

- SY 1601** 11:30-12:30 **Satellite Symposium** **Auditorio Principal**
Cordis, CCVI
Treatment strategy for overcoming complex arterial lesions in the lower extremity
- Moderator: J.A. Reekers (Amsterdam/NL)*
- 1601.1 Techniques and developments to treat long infrainguinal arterial occlusions
A. Amin (West Reading, PA/US)
- 1601.2 How do BTK occlusions differ from SFA lesions
J.A. Reekers (Amsterdam/NL)
- 1601.3 Advanced BTK interventions in diabetic patients
L. Graziani (Brescia/IT)
- 1601.4 BTK revascularization in 1.400 consecutive patients
J.H. Peregrin (Prague/CZ)
- Objectives:**
- Review the current treatment strategies for complex arterial lesions in the lower extremity
 - Differentiate BTK from SFA treatment
 - Understand the complexity of treating CLI in diabetic patients
- SY 1602** 11:30-12:30 **Satellite Symposium** **Sala 3A**
ev3 Europe SAS
How innovation can provide solutions for lower extremity treatment
- Moderator: M. Maynar (Santa Cruz de Tenerife/ES)*
- 1602.1 The treatment of mixed plaque morphologies with TurboHawk Plaque Excision System
D. Vorwerk (Ingolstadt/DE)
- 1602.2 Surgery or endovascular treatment with Plaque Excision System?
H. Kobeiter (Créteil/FR)
- 1602.3 Definitive clinical programme
G. Tepe (Rosenheim/DE)
- 1602.4 DURABILITY 200: long SFA lesions deserve the longest stents
M. Bosiers (Dendermonde/BE)
- 1602.5 Stent innovation driven by clinical evidence
A. Schmidt (Leipzig/DE)
- SY 1603** 11:30-12:30 **Satellite Symposium** **Auditorio 1A**
Terumo Europe
DEBIRI: a multidisciplinary approach
- Moderator: P. Vilares Morgado (Porto/PT)*
- 1603.1 Lessons learned from more than 350 DEBIRI treatments in a single institution, the oncologist perspective
G. Fiorentini (Empoli/IT)
- 1603.2 Rational for use and patient's selection, the surgeon perspective
S. Fenwick (Liverpool/UK)
- 1603.3 DEBIRI clinical program and recommendations for use
P.L. Pereira (Heilbronn/DE)

■	IVC-HWS 2	<p>11:30-12:30 Hands-on Workshop IVC optional/convertible filters</p> <p><i>Coordinator: M.R. Sapoval (Paris/FR)</i> <i>Instructors: P. Larini (Parma/IT), M.J. Lee (Dublin/IE), O. Pellerin (Paris/FR), D.W. Trost (New York, NY/US), A.F. Watkinson (Exeter/UK)</i></p>	Sala 2A
	SY 1701	<p>13:00-14:00 Satellite Symposium Cook Medical What is the Most Effective Treatment for the SFA?</p> <p><i>Moderator: J. Ricke (Magdeburg/DE)</i></p> <p>1701.1 Zilver PTX Single Arm Study: Patency Data <i>A. Schmidt (Leipzig/DE)</i></p> <p>1701.2 Subgroup: Diabetics <i>G.P.J. Geenen (Breda/NL)</i></p> <p>1701.3 Subgroup: Long Lesions & In-Stent Restenosis <i>M. Bosiers (Dendermonde/BE)</i></p> <p>1701.4 New data from the latest Zilver PTX study <i>M.D. Dake (Stanford, CA/US)</i></p>	Auditorio Principal
		<p>13:00-14:30 General Assembly</p>	Sala 3A
■	ST-HWS 1	<p>13:30-15:00 Hands-on Workshop Stroke therapy</p> <p><i>Coordinator: K.A. Hausegger (Klagenfurt/AT)</i> <i>Instructors: J. Gralla (Bern/CH), M. Holtmannspötter (Munich/DE), M. Killer-Oberpfalzer (Salzburg/AT), S. Prothmann (Munich/DE)</i></p>	Sala 2F
	SY 1702	<p>14:15-15:15 Satellite Symposium CeloNova BioSciences Targeted embolization techniques: an overview of global experience</p> <p><i>Moderator: A.J. Smeets (Tilburg/NL)</i></p> <p>1702.1 Bland embolization with Embozene™ for liver and bone tumours: preliminary experience in Japan <i>H. Mimura (Okayama/JP)</i></p> <p>1702.2 Bland embolization and very small microspheres: new opportunities for treatment of liver tumours <i>P.L. Pereira (Heilbronn/DE)</i></p> <p>1702.3 Embozene™ for UFE: a first report on a 100 patient multi centre cohort study <i>N. Hacking (Southampton/UK)</i></p> <p>1702.4 The U.S. Embozene™ experience: what we have learned in 20 months <i>D. Siegel (New York, NY/US)</i></p>	Auditorio 1A
	FIP 1801	<p>15:30-16:30 Film Interpretation Panel</p> <p><i>Coordinators: M. Bezzi (Rome/IT), C.A. Binkert (Winterthur/CH), A.D. Kelekis (Athens/GR)</i></p> <p>Team Alinghi: <i>V. Berczi (Budapest/HU)</i> <i>S. Frei (St. Gallen/CH)</i> <i>T.F. Jakobs (Munich/DE)</i> <i>J. Lammer (Vienna/AT)</i> <i>C. Plank (Vienna/AT)</i></p> <p>Team Oracle: <i>E. Broutzos (Athens/GR)</i> <i>P. Gaines (Sheffield/UK)</i> <i>D.O. Kessel (Leeds/UK)</i> <i>S.O. Trerotola (Philadelphia, PA/US)</i> <i>P. Vilares Morgado (Porto/PT)</i></p>	Auditorio Principal

- CD-HWS 3** 16:15-17:45 **Hands-on Workshop** **Sala 2F**
A closer look at closure devices
 Coordinator: L. Lönn (Copenhagen/DK)
 Instructors: T. Larzon (Orebro/SE), J.C. van den Berg (Lugano/CH)
- EMT-HWS 1** 16:15-17:45 **Hands-on Workshop** **Sala 2A**
Embolization: materials and tools – coils & plugs
 Coordinators: M.J. Lee (Dublin/IE), A.A. Nicholson (Leeds/UK)
 Instructors: D.P. Brophy (Dublin/IE), J. Golzarian (Minneapolis, MN/US),
 P.J. Haslam (Newcastle-upon-Tyne/UK), O.M. van Delden (Amsterdam/NL),
 E.M. Walser (Jacksonville, FL/US)
- TA-HWS 3** 16:15-17:45 **Hands-on Workshop** **Sala 4C**
Tumour ablation – lung
 Coordinators: T. de Baère (Villejuif/FR), R. Lencioni (Pisa/IT)
 Instructors: L. Crocetti (Pisa/IT), T. de Baère (Villejuif/FR), J. Palussiere (Bordeaux/FR)
- SIV-HWS 2** 16:30-18:30 **Hands-on Workshop** **Hospital 9 de Octubre**
Skeletal interventions/vertebroplasty & kyphoplasty
 Coordinators: A. Gangi (Strasbourg/FR), T. Sabharwal (London/UK)
 Local organizers: F. Aparisi (Valencia/ES), J. Palmero (Valencia/ES)
 Instructors: F. Aparisi (Valencia/ES), X. Buy (Strasbourg/FR)
- FP 1901** 16:45-17:45 **Free Papers** **Sala 2E**
Innovations in IR
 Moderators: M.E. Giménez (Buenos Aires/AR), D. Pavcnik (Portland, OR/US)
- 1901.1 Fast and complete single-session ablation of large hepatocellular carcinoma by simultaneous insertion of multiple microwave antennas and intraoperative CEUS
L. Tarantino¹, I. Sordelli², C. Ripa¹, F. Sabbatino², M. Perrotta¹, V. Nocera¹; ¹Frattamaggiore/IT, ²Naples/IT
- 1901.2 Real-time needle guidance combining soft-tissue imaging and live fluoroscopy compared to CT guidance
W.M.H. Busser¹, Y. Hoogeveen¹, A. Balguid², K. Renema¹, L.J. Schultze Kool¹; ¹Nijmegen/NL, ²Best/NL
- 1901.3 Intra-muscular use of Sphingosine-1-Phosphate and VEGF for angiogenesis in the rabbit ischemic hind limb**
R. Uflacker, B. Panzegrav, K. Argraves, C. Hannegan, L. Gordon; Charleston, SC/US
- 1901.4 Real-time MR guided superselective transarterial liver embolization in an animal model
R. López-Benítez, M. Bock, H.U. Kauczor, P.J. Hallscheidt; Heidelberg/DE
- 1901.5 Reactivity of tracheobronchial tissue after the deployment of three different autoexpandable metallic stents: study in animal model
C. Serrano, F. Lostale, A. Laborda, R. Fernandez, J. Rodriguez-Gomez, F. Rodriguez-Panadero, M.A. De Gregorio; Zaragoza/ES
- 1901.6 Robot tracking during medical interference
X. Xiao, A. Melzer, A. Volovick, Z. Huang; Dundee/UK



- 16:45-17:45
- FP 1902 Free Papers Sala 1Z**
Non-vascular interventions
- Moderators: T.-E. Vrachliotis (Athens/GR), C.L. Zollikofer (Winterthur/CH)*
- 1902.1 Fluoroscopically guided retrograde replacement of ureteral stents
M. Petullà, E. Cotta, A. Di Massa, M.E. Colosimo, M. Mangini, D. Laganà, G. Carrafello, C. Fugazzola; Varese/IT
- 1902.2 The endpoint of percutaneous treatment of benign biliary strictures: manometric perfusion test
R.P. Thomas¹, M. Köcher¹, J.H. Peregrin², V. Válek³, M. Černá¹, R. Havlik¹, S. Fronkova², J. Panek³, J. Kozak¹;
¹Olomouc/CZ, ²Prague/CZ, ³Brno/CZ
- 1902.3 Covered biodegradable oesophageal stents in treatment of benign esophageal fistulas**
M. Köcher¹, M. Černá¹, V. Válek², J. Panek², R.P. Thomas¹, T. Andrašina²;
¹Olomouc/CZ, ²Brno/CZ
- 1902.4 The role of lymphangiography for postoperative chylothorax and chylous ascites
R. Kawasaki¹, K. Sugimoto², M. Fujii², T. Okada², M. Yamaguchi², K. Izaki², K. Uotani², K. Sugimura²;
¹Himeji/JP, ²Kobe/JP
- 1902.5 Biomedical assessment of different bone biopsy needles
A.H. Mahnken, A. Breckheimer, V. Vargas Cunha-Cruz, P. Bruners, T. Schmitz-Rode; Aachen/DE
- 1902.6 Electromagnetic tracked biopsy under ultrasound guidance: preliminary results
E.M. Carvalho, F. Deschamps, P. Dory-Lautrec, L. Laouisset, S. Boudabbous, T. de Baère; Villejuif/FR
- 16:45-17:45
- FP 1903 Free Papers Sala 3A**
Oncologic interventions 2: embolization for hepatic malignancy
- Moderators: M.-S. Grammenou-Pomoni (Athens/GR), G.J. Munneke (London/UK)*
- 1903.1 Selective chemoembolization for hepatocellular carcinoma in the caudate lobe
H.-C. Kim, K.R. Son, J.W. Chung, J.H. Park, H.J. Jae; Seoul/KR
- 1903.2 Radioembolization using Y90-labeled resin microspheres (RE) as consolidation treatment after first-line chemotherapy (CxT) for liver metastases from colorectal cancer (mCRC)
M.L. Diaz, J.I. Bilbao, B. Sangro, A. Chopitea, J. Rodriguez, M. Iñarrairaegui, M. Rodriguez, M. Ponz; Pamplona/ES
- 1903.3 European multicenter evaluation of radioembolization (RE) with 90Y-labeled resin microspheres: an analysis of the predictors for hepatocellular carcinoma (HCC) outcome**
M.L. Diaz¹, J.I. Bilbao¹, L. Carpanese², R. Cianni³, R. Golfieri⁴, F. Fiore⁵, R.-T. Hoffmann⁶;
¹Pamplona/ES, ²Rome/IT, ³Latina/IT, ⁴Bologna/IT, ⁵Naples/IT, ⁶Munich/DE
- 1903.4 90Yttrium-microsphere-radioembolization of symptomatic, nonresectable neuroendocrine hepatic metastases
P.M. Paprottka, R.-T. Hoffmann, F. Raeßler, C.G. Trumm, G. Schmidt, M.F. Reiser, T.F. Jakobs; Munich/DE
- 1903.5 90Yttrium radioembolization of chemotherapy-refractory colorectal cancer liver metastases
P.M. Paprottka, R.-T. Hoffmann, F. Raeßler, C.G. Trumm, G. Schmidt, M.F. Reiser, T.F. Jakobs; Munich/DE
- 1903.6 Combined chemoembolization and radiofrequency ablation for intermediate-size primary and secondary hepatic malignancies
T. Churchill, M.C. Higgins, J.I. Mondschein, A. Nemeth, S.W. Stavropoulos, M.C. Soulen; Philadelphia, PA/US
- 16:45-17:45
- FP 1904 Free Papers Auditorio 1A**
PVD 2: critical limb ischemia
- Moderators: H. Manninen (Kuopio/FI), J.J. Martinez Rodrigo (Valencia/ES)*
- 1904.1 Angioplasty or primary stenting for infrapopliteal lesions: results of a prospective randomized trial
C. Randon, F.E. Vermassen; Ghent/BE
- 1904.2 Alternative techniques for below-the-knee recanalization: procedural and clinical long-term results from a single center experience
E. Pampuna, L. Boi, C. Del Giudice, V. Da Ros, R. Gandini, C.A. Reale; Rome/IT
- 1904.3 Angioplasty of BTK arteries: long term FU and factors influencing clinical outcome**
J.H. Peregrin, B. Koznar, J. Novotný, J. Kováč, J. Skibová; Prague/CZ
- 1904.4 Below-the-knee endovascular treatment in diabetic patients with critical limb ischemia in a single-center experience: mid-term follow-up clinical results
M. Citone, A. Rebonato, M. Rossi, N. Maltzef, P. Aloisio, G. Varano, V. David; Rome/IT
- 1904.5 Intra-arterial thrombolysis in the treatment of acute limb ischemia: a single center experience
E. Paci, S. Alborino, M. Fichetti, P. boscarato, L. carbonari, R. Candelari; Ancona/IT
- 1904.6 Subintimal angioplasty for superficial femoral artery TASC II D lesions in critical limb ischemia: outcomes with and without stenting and value of stent position for secondary patency after subintimal channel occlusion
R. Gandini, A. Spinelli, V. Da Ros, C.A. Reale, G. Nano, P. Assako Ondo, C. Del Giudice, G. Simonetti; Rome/IT



16:45-17:45
FP 1905 Free Papers **Sala 3F**
Aortic interventions: EVAR and TEVAR

Moderators: M. Maynar (Santa Cruz De Tenerife/ES), J. Reidy (London/UK)

- 1905.1 Systematic review, meta-analysis and local risk stratification of reintervention following endovascular aneurysm repair
A. Karthikesalingam, P. Holt, R. Hinchliffe, I. Nordon, I. Loftus, M. Thompson; London/UK
- 1905.2 Ten-year mortality after elective endovascular abdominal aortic aneurysm repair: evaluation of established risk scores
R. Nolz, A.G. Wibmer, A.M. Prusa, H. Teufelsbauer, G. Kretschmer, J. Lammer, M. Schoder; Vienna/AT
- 1905.3 Registry for Endovascular Treatment of Aneurysms: RETA final analysis**
J.M. Regi, S.D. Goode, T.J. Cleveland, P. Gaines, S. Thomas; Sheffield/UK
- 1905.4 10-year experience in the endovascular treatment of AAA: lesson learned
F. Fanelli, M. Allegritti, P. Lucatelli, E. Boatta, A. Bruni, R. Passariello; Rome/IT
- 1905.5 Open conversion after endovascular aneurysm repair: outcome comparable with primary open aneurysm repair
S. Vercauteren¹, S. Houthoofd², P. Lerut², K. Daenens², I. Fourneau²; ¹Antwerp/BE, ²Leuven/BE
- 1905.6 TEVAR vs. medical treatment for type B aortic dissections: a comparative retrospective volumetric analysis
M.H. Tran, K.-D. Dang-Tran, O. El-Aassar, B. Honton, B. Marcheix, A. Baali, J. Auriol, R. Moreno, H. Rousseau; Toulouse/FR



16:45-17:45
FP 1906 Free Papers **Sala 1Y**
Venous interventions 2

Moderators: I. Robertson (Glasgow/UK), R. Shoenfeld (Mountain Lakes, NJ/US)

- 1906.1 Pulmonary balloon angioplasty (PBA): an interventional strategy in chronic thromboembolic pulmonary hypertension (CTEPH) patients denied trombendarterectomy?
R. Andersen, A. Ragnarsson, O. Geiran, A. Andreassen; Oslo/NO
- 1906.2 Primary aldosteronism: do simultaneous samplings increase the accuracy of adrenal venous sampling (AVS) in comparison with sequential samplings?
P. Chabrot¹, I. Bourdeau², T.L. Mazzuco², G. Gahide², A. Lacroix², E. Therasse²; ¹Clermont Ferrand/FR, ²Montreal, QC/CA
- 1906.3 Fibrinolysis and mechanical fragmentation to treat hemodynamically unstable massive pulmonary embolism: one center's experience in 111 patients**
M. Sanchez-Ballestin, J. Medrano, A. Laborda, J. Bosch, I. De Blas, A. Mainar, A. Fredes, M.A. De Gregorio; Zaragoza/ES
- 1906.4 Arterio-venous shunting in patients with severe COPD: a new interventional-radiological therapy approach
R. Adamus, J. Ficker; Nürnberg/DE
- 1906.5 Ultrasound-guided foam sclerotherapy for superficial venous incompetence and varicosities
K.D. McBride; Edinburgh/UK
- 1906.6 Transjugular tru-cut renal biopsy: single center experience with 35 procedures
A. Romero, M. Pérez, A. Gelabert, A. Segarra, J. Major, I. Díez, A. Segarra; Barcelona/ES



16:45-17:45
FP 1907 Free Papers **Sala 2G**
Embolotherapy 2

Moderators: P.K. Ellis (Belfast/UK), M. Matson (Essex/UK)

- 1907.1 New coil evaluation in animal model multiorgan embolization
M. Guimaraes, R. Uflacker, C. Schonholz, C. Hannegan, B. Selby Jr; Charleston, SC/US
- 1907.2 Immediate and long-term follow-up after uterine artery embolization in post-partum hemorrhages: monocentric study of 88 patients
L. Mezzetta, N. Mejean, B. Guiu, R. Loffroy, N. Butori, L. Filipuzzi, L. Vadanici, B. Abualsaud, P. Sagot, J.-P. Cercueil, D. Krause; Dijon/FR
- 1907.3 Selective portal vein embolization to manage persistent post-traumatic hepatic hemorrhage despite primary arterial embolization**
P.P. Goffette, X. Wittebole, P.F. Laterre, J.F. Gigot; Brussels/BE
- 1907.4 Embolization and endothelial ablation with chitosan and sotradecol sulfate: preliminary results in an animal model
P. Chabrot¹, P. Delli Fraine¹, A. Fatimi¹, F. Mainguette¹, A. Rivard¹, S. Lerouge¹, G. Soulez²; ¹Clermont Ferrand/FR, ²Montreal, QC/CA
- 1907.5 Plasmatic and lung concentrations after irinotecan-eluting-beads (DEBIRI) embolization of pulmonary artery alone vs combined with bronchial artery embolization in a sheep model
M.-T. Baylatry¹, J.-P. Pelage², P. Lacombe², M. Wassefi, H.S. Ghegediban¹, A. Lewis³, C. Fernandez¹, A. Laurent¹; ¹Paris/FR, ²Boulogne/FR, ³Farnham Surrey/UK
- 1907.6 Percutaneous sclerotherapy of congenital head and neck lymphatic malformations: a 7-year single institution experience
A.M. Cahill, E.L. Nijs, D. Low; Philadelphia, PA/US



16:45-17:45
FP 1908 Free Papers **Sala 4F**
Gynaecological IR: fibroids

Moderators: J. Maskova (Aberdeen/UK), R.L. Worthington-Kirsch (Philadelphia, PA/US)

- 1908.1 The effects of uterine artery embolisation and surgical treatment on ovarian function in woman with uterine fibroids
A. Khaund, J.G. Moss; Glasgow/UK
- 1908.2 Polyzene®-F with hydrogel core microspheres (embozene) versus polyvinyl alcohol particles in uterine fibroid embolization (UFE): early results of a randomized controlled trial
E. Kashef, M.S. Hamady, S. Zaher, J. Burrill, D. Lyons, T. Miskry, L. Regan; London/UK
- 1908.3 UAE vs surgery: 5 year outcomes (REST trial)**
J.G. Moss¹, M.A. Lumsden¹, G. Murray², O. Wu¹, K. Cooper³, R. Edwards¹; ¹Glasgow/UK, ²Edinburgh/UK, ³Aberdeen/UK
- 1908.4 Treatment of symptomatic adenomyosis with US-guided high-intensity focused ultrasound ablation therapy: preliminary clinical results
W. Wang; Beijing/CN
- 1908.5 Uterine artery embolization in patients with a large fibroid burden
R.J. Nijenhuis, A.J. Smeets, E.A. Weimar, L. Lampmann, P.F. Boekkooi, H.A.M. Vervest, R.C. Bremer, W.-J.J. van Rooij, P.N.M. Lohle; Tilburg/NL
- 1908.6 The UK uterine artery embolisation (UAE) for fibroids registry
E.A. O'Grady¹, J.G. Moss², A.-M. Belli³, S. Thomas⁴; ¹Liverpool/UK, ²Glasgow/UK, ³London/UK, ⁴Sheffield/UK



16:45-17:45
FP 1909 Free Papers **Sala 4D**
Late Breaking Abstracts

Moderators: J. Tacke (Passau/DE), H.-J. Wagner (Berlin/DE)

- 1909.1 Randomized clinical study of the Zilver® PTX® self-expanding nitinol stent with polymer-free paclitaxel coating shows improved 12-month effectiveness over angioplasty and bare metal stents for the superficial femoral artery**
M.D. Dake¹, G. Ansel², M. Jaff³, L. Machan⁴, T. Ohki⁵, R.R. Saxon⁶, H.B. Smouse⁷, M. Burket⁸, Y. Khatib⁹, A. Ragheb¹⁰, G. Roubin¹¹, J.K. White¹², T. Zeller¹³, for the Investigators; ¹Stanford, CA/US, ²Columbus, OH/US, ³Boston, MA/US, ⁴Vancouver, BC/Canada, ⁵Tokyo/JP, ⁶Oceanside, CA/US, ⁷Peoria, IL/US, ⁸Toledo, OH/US, ⁹Jacksonville, FL/US, ¹⁰West Lafayette, IN/US, ¹¹New York, NY/US, ¹²Lake Charles, LA/US, ¹³Bad Krozingen/DE
- 1909.2 Antiangiogenic and antitumor effects by combining transarterial embolization with sorafenib in a rat hepatic carcinoma model
H. Yu, G.-J. Teng; Nanjing/CN
- 1909.3 Prospective phase II trial of sorafenib combined with doxorubicin eluting bead-transarterial chemoembolization for patients with unresectable hepatocellular carcinoma: an interim analysis
D. Reyes, I. Kamel, N. Azad, C. Georgiades, A. Koteish, J. Hamilton, N. Bhagat, K. Hong, T. Pawlik, M. Choti, J.-F. Geschwind; Baltimore, MD/US
- 1909.4 Aortic stent graft in situ fenestration using electromagnetic navigation and high porosity grafts materials: phantom experiments
T. Penzkofer, P. Bruners, P. Isfort, C. Plumhans, J. Grommes, M. Jacobs, T. Schmitz-Rode, A.H. Mahnken; Aachen/DE
- 1909.5 Guidance and thermometry of laser diskectomies in an open high-field MRI
F. Streitparth¹, T. Walter¹, B. Schnackenburg², U. Wonneberger¹, J. Rump¹, M. De Bucourt¹, B. Hamm¹, U. Teichgräber¹; ¹Berlin/DE, ²Hamburg/DE
- 1909.6 Six month follow-up from a prospective, randomized trial comparing a paclitaxel-coated balloon catheter to a non-coated balloon catheter in patients with femoropopliteal disease
D. Scheinert¹, T. Zeller², S. Duda³, J. Ricke⁴, M. Bosiers⁵; ¹Leipzig/DE, ²Bad Krozingen/DE, ³Berlin/DE, ⁴Magdeburg/DE, ⁵Dendermonde/BE



18:00-19:00
WS 2001 Workshop **Sala 2G**
Tips and tricks in stroke management

- 2001.1 *T.E. Mayer (Jena/DE)*
 2001.2 *T. Liebig (Munich/DE)*

	WS 2002	18:00-19:00 Workshop TIPS: what you need to know	Sala 3F
	2002.1	<i>P. Vilares Morgado (Porto/PT)</i>	
	2002.2	<i>A. Krajina (Hradec-Kralove/CZ)</i>	
	WS 2003	18:00-19:00 Workshop Carotid stenting: how I do it	Sala 4F
	2003.1	<i>L. Stockx (Genk/BE)</i>	
	2003.2	<i>P. Gaines (Sheffield/UK)</i>	
	WS 2004	18:00-19:00 Workshop EVAR: challenging cases, how to get out of trouble	Sala 2E
	2004.1	<i>G. Maleux (Leuven/BE)</i>	
	2004.2	<i>S. Sharma (Delhi/IN)</i>	
	WS 2005	18:00-19:00 Workshop Acute and chronic mesenteric ischemia: all you need to know	Auditorio 1A
	2005.1	<i>L. Boyer (Clermont-Ferrand/FR)</i>	
	2005.2	<i>D. Gasparini (Udine/IT)</i>	
	WS 2006	18:00-19:00 Workshop Management of obstetric haemorrhage	Sala 3A
	2006.1	<i>M.D. Ferrer Puchol (Valencia/ES)</i>	
	2006.2	<i>A.-M. Belli (London/UK)</i>	
	WS 2007	18:00-19:00 Workshop Radioembolization: getting started	Sala 1Y
	2007.1	<i>A.L. Jacob (Basel/CH)</i>	
	2007.2	<i>T.F. Jakobs (Munich/DE)</i>	
	WS 2008	18:00-19:00 Workshop What is the role of IR in pain relief?	Sala 1Z
	2008.1	<i>A.D. Platts (London/UK)</i>	
	2008.2	<i>A.F. Watkinson (Exeter/UK)</i>	
	2008.3	<i>C.A. Binkert (Winterthur/CH)</i>	
	WS 2009	18:00-19:00 EFRS Workshop 3 New developments in equipment, materials and procedures in interventional radiology	Sala 4D
	2009.1	<i>E.M. Agadakos (Athens/GR)</i>	
	2009.2	<i>D. Koumarianos (Athens/GR)</i>	

Tuesday, October 5, 2010

- 07:45-08:20
- SY 2100** **Satellite Symposium** **Sala 3F**
Biocompatibles
DC Bead in HCC, development of treatment recommendations
- Moderator: M. Burrel (Barcelona/ES)*
- 2100.1 Chemoembolisation - the case for a treatment standard
J.-F.H. Geschwind (Baltimore, MD/US)
- 2100.2 Review of treatment algorithms and procedural standards for DC Bead in HCC
R. Lencioni (Pisa/IT)
- 08:30-09:30
- SS 2101** **Special Session** **Auditorio Principal**
Endovascular management of abdominal aortic aneurysms
- Moderators: R.A. Morgan (London/UK), J. Palmero (Valencia/ES)*
- 2101.1 EVAR vs. open repair: what works best for fit and unfit patients?
C.D. Liapis (Athens/GR)
- 2101.2 Update on branched and fenestrated stent grafts
E.L. Verhoeven (Groningen/NL)
- 2101.3 Follow-up: what is the role of CEUS?
R. Iezzi (Rome/IT)
- 2101.4 Reinterventions: when and how?
M. Koecher (Olomouc/CZ)
- 08:30-09:30
- SS 2102** **Special Session** **Sala 3F**
Interventional oncology at the cellular level
- Moderators: T.K. Helmberger (Munich/DE), C.T. Sofocleous (New York, NY/US)*
- 2102.1 Mechanism of action of arterial embolization in the liver
J.-F.H. Geschwind (Baltimore, MD/US)
- 2102.2 Tissue changes after ablation
C.T. Sofocleous (New York, NY/US)
- 2102.3 How to increase cellular death in local treatment
L. Crocetti (Pisa/IT)
- 2102.4 Electroporation
R. Lencioni (Pisa/IT)
- 08:30-09:30
- SS 2103** **Special Session** **Sala 3A**
Management of biliary obstruction
- Moderators: A. Besim (Ankara/TR), A. Hatzidakis (Iraklion/GR)*
- 2103.1 Is PTC dead in the era of MRCP?
C. Lanciego (Toledo/ES)
- 2103.2 Do covered stents have a role in malignant diseases?
P.P. Goffette (Brussels/BE)
- 2103.3 Biliary interventions for benign diseases
F. Boyvat (Ankara/TR)
- 2103.4 Percutaneous stone management
A. Hatzidakis (Iraklion/GR)

- SS 2104** 08:30-09:30 **Special Session** **Auditorio 1A**
Management of gastrointestinal haemorrhage
Moderators: D.A. Kelekis (Athens/GR), F.S. Keller (Portland, OR/US)
- 2104.1 Should all patients with GI haemorrhage be imaged by CTA?
O.M. van Delden (Amsterdam/NL)
- 2104.2 Challenges in upper GI haemorrhage
A.A. Nicholson (Leeds/UK)
- 2104.3 Challenges in lower GI haemorrhage
H.-J. Wagner (Berlin/DE)
- 2104.4 TIPS for variceal haemorrhage
M. Darcy (St. Louis, MO/US)
- SS 2105** 08:30-09:30 **Special Session** **Sala 2G**
Vascular imaging in peripheral arterial disease
Moderators: P.E. Andersen (Odense/DK), M.D. Ferrer Puchol (Valencia/ES)
- 2105.1 MRA techniques and pitfalls
J.G. Houston (Dundee/UK)
- 2105.2 CTA techniques and pitfalls
T. Jahnke (Kiel/DE)
- 2105.3 Ultrasound
E. Lonjedo (Valencia/ES)
- 2105.4 How to image patients with renal failure
P.E. Andersen (Odense/DK)
- ST-HWS 2** 08:30-10:00 **Hands-on Workshop** **Sala 2F**
Stroke therapy
Coordinator: K.A. Hausegger (Klagenfurt/AT)
*Instructors: J. Gralla (Bern/CH), M. Holtmannspötter (Munich/DE),
M. Killer-Oberpfalzer (Salzburg/AT), S. Prothmann (Munich/DE)*
- HoM 4** 09:00-14:10 **Hands-on Workshop** **Simulator Gallery**
Hands-on Masterclass – EVAR / Prevention and management of endoleaks
Coordinators: D.A. Gould (Liverpool/UK), D.O. Kessel (Leeds/UK)
Session organizer: J. Patel (Leeds/UK)
Instructors: J.D.G. Rose (Newcastle-upon-Tyne/UK), R.G. McWilliams (Liverpool/UK)
- HoM 4.1 Group 1 (09:00-12:00)
- HoM 4.2 Group 2 (11:10-14:10)
- SS 2201** 10:00-11:00 **Special Session** **Auditorio Principal**
SFA occlusive disease
Moderators: S. Müller-Hülsbeck (Flensburg/DE), J.A. Reekers (Amsterdam/NL)
- 2201.1 How we select a patient for SFA intervention
H. Manninen (Kuopio/FI)
- 2201.2 Endoluminal recanalization: PTA, stent
A.-M. Belli (London/UK)
- 2201.3 Subintimal recanalization
M.J. Lee (Dublin/IE)
- 2201.4 Mechanical devices, cryo or drug eluting
G. Tepe (Rosenheim/DE)

- SS 2202** 10:00-11:00 **Special Session** **Sala 3F**
Management of colorectal liver metastases
Moderators: J.I. Bilbao (Pamplona/ES), J. Golzarian (Minneapolis, MN/US)
- 2202.1 Overview of natural history in relation to indications for IR
T. de Baère (Villejuif/FR)
- 2202.2 Is ablation curative?
A. Gillams (London/UK)
- 2202.3 Chemoembolization using Irinotecan eluting beads
P.E. Huppert (Darmstadt/DE)
- 2202.4 Portal vein embolization before surgical resection
A. Denys (Lausanne/CH)
- SS 2203** 10:00-11:00 **Special Session** **Auditorio 1A**
Controversies in non-vascular interventions
Moderator: R. Lencioni (Pisa/IT)
- 2203.1 Vertebroplasty is only a placebo
A.D. Kelekis (Athens/GR)
- 2203.2 Vertebroplasty is a real treatment
X. Buy (Strasbourg/FR)
- 2203.3 Non-operable lung cancer: radiation therapy
D. Dualde Beltran (Valencia/ES)
- 2203.4 Non-operable lung cancer: RFA
D.E. Dupuy (Providence, RI/US)
- 2203.5 Biopsy is necessary before treatment of suspected HCC
K. Malagari (Athens/GR)
- 2203.6 Biopsy is not necessary before treatment of suspected HCC
J.B. Karani (London/UK)
- ICS 2204** 10:00-11:00 **Interactive Case Session**  **Sala 3A**
Abdominal embolizations
- 2204.1 *J. Kaufman (Portland, OR/US)*
- 2204.2 *J. Lammer (Vienna/AT)*
- ICS 2205** 10:00-11:00 **Interactive Case Session**  **Sala 2G**
Aorta
- 2205.1 *R.A. Morgan (London/UK)*
- 2205.2 *H. Rousseau (Toulouse/FR)*
- SY 2301** 11:30-12:30 **Satellite Symposium** **Sala 3A**
Biosphere Medical
HEPASPHERE MICROSPHERES: expanding treatment options
Moderator: T.J. Kroencke (Berlin/DE)
- 2301.1 TACE with Hepasphere in HCC: technical aspects and results in 100 patients
M. Grosso (Cuneo/IT)
- 2301.2 Irinotecan eluting HepaSphere for treatment of colorectal cancer liver metastases: Utilization and clinical results
P.E. Huppert (Darmstadt/DE)
- 2301.3 Prospective randomized study of hqTACE in hepatocellular carcinoma
G. Maleux (Leuven/BE)
- 2301.4 Hepasphere Microspheres: Utilization and clinical results: HCC and Beyond
G. Poggi (Pavia/IT)

	11:30-12:30		
SY 2302	Satellite Symposium GE Healthcare	Sala 3F	
	Novel imaging techniques for interventional treatment of liver tumours		
	<i>Moderator: T. de Baère (Villejuif/FR)</i>		
2302.1	Software assisted navigation for liver vascular therapy <i>T. de Baère (Villejuif/FR)</i>		
2302.2	Clinical benefits of multimodality fusion software for liver RFA <i>V. Vilgrain (Clichy/FR)</i>		
2302.3	Image fusion and virtual needle tracking in interventional ultrasound <i>B. Skjølbye (Copenhagen/DK)</i>		
	11:30-12:30		
SY 2303	Satellite Symposium Lombard Medical	Sala 2G	
	Stretching AAA EVAR: challenging anatomy and how to cope with it?		
	<i>Moderator: J. Macierewicz (Doncaster/UK)</i>		
2303.1	An evolution: Aorfix™ <i>P. Phillips (Oxfordshire/UK)</i>		
2303.2	Management of challenging anatomy and acute angulations <i>J. Hardman (Bath/UK)</i>		
2303.3	Learning new devices: selecting patients and building skills <i>J. Tessarek (Lingen/DE)</i>		
2303.4	Challenging anatomy and short or non-existent necks? <i>E.L. Verhoeven (Nürnberg/DE)</i>		
	11:30-12:30		
 IVC-HWS 3	Hands-on Workshop IVC optional/convertible filters	Sala 2A	
	<i>Coordinator: M.R. Sapoval (Paris/FR)</i> <i>Instructors: P. Larini (Parma/IT), M.J. Lee (Dublin/IE), O. Pellerin (Paris/FR), D.W. Trost (New York, NY/US), A.F. Watkinson (Exeter/UK)</i>		
	13:00-14:45		
	CIRSE meets ESA / Josef Roesch Lecture	Auditorio Principal	
CM 2401	CIRSE meets the European Society of Anaesthesiology		
	<i>Chairmen: J.H. Peregrin (Prague/CZ), P. Wouters (Gent/BE)</i>		
2401.1	What every radiologist should know about anaesthesia <i>P. Wouters (Gent/BE)</i>		
2401.2	Sedation techniques for office based interventional radiology <i>S.G. Einarsson (Hafnarfjörður/IS)</i>		
2401.3	Safety in anaesthesia in interventional radiology <i>F. Bressan (Prato/IT)</i>		
HL 2402	Josef Roesch Lecture		
	<i>Laudation: M.J. Lee (Dublin/IE)</i>		
2402.1	TIPS - where are we now? <i>J.I. Bilbao (Pamplona/ES)</i>		

15:15-16:45

Morbidity & Mortality Conference

e-voting

Auditorio Principal

15:15-16:00

MM 2501 Vascular cases*Coordinators: K.A. Hausegger (Klagenfurt/AT), O.M. van Delden (Amsterdam/NL)**Panellists: P.N.M. Lohle (Tilburg/NL), P.R. Taylor (London/UK), A.F. Watkinson (Exeter/UK)*

16:00-16:45

MM 2502 Non-vascular cases*Coordinators: A. Hatzidakis (Iraklion/GR), M.J. Lee (Dublin/IE)**Panellists: P.J. Haslam (Newcastle-upon-Tyne/UK), A.L. Jacob (Basel/CH)*

15:15-16:15

SY 2503 Satellite Symposium**Boston Scientific****Auditorio 1A****The Economics of Innovation - How Premium Technology Can Improve Outcomes & Lower Costs**

2503.1 Procedure Cost versus Treatment Cost: can the Peripheral Cutting Balloon™ lessen the economic burden of Dialysis Fistula Salvage?

K.D. McBride (Dunfermline/UK)

2503.2 Reducing Cost and Time in the Lab: A Prospective, Randomized Study Comparing the Interlock™ Fibered Detachable Coil to Traditional Pushable Coils

O. Dudeck (Magdeburg/DE)

2503.3 Advancing Embolotherapy: Clinical Applications for the Interlock™ Fibered Detachable Coil

T.J. Cleveland (Sheffield/UK)

16:15-17:45

EMT-HWS 2 Hands-on Workshop**Embolization: materials and tools – onyx & glue****Sala 2A***Coordinators: M.J. Lee (Dublin/IE), A.A. Nicholson (Leeds/UK)**Instructors: P.P. Goffette (Brussels/BE), A.D. Platts (London/UK), L. Spelle (Paris/FR), P. Waldenberger (Linz/AT)*

16:15-17:45

TA-HWS 4 Hands-on Workshop**Tumour ablation – kidney****Sala 4C***Coordinators: T. de Baère (Villejuif/FR), R. Lencioni (Pisa/IT)**Instructors: D.J. Breen (Southampton/UK), J.-F. Goyers (Liège/BE), R. Oyen (Leuven/BE)*

16:30-18:30

SIV-HWS 3 Hands-on Workshop**Skeletal interventions/vertebroplasty & kyphoplasty****Hospital 9 de Octubre***Coordinators: A. Gangi (Strasbourg/FR), T. Sabharwal (London/UK)**Local organizers: F. Aparisi (Valencia/ES), J. Palmero (Valencia/ES)**Instructors: F. Aparisi (Valencia/ES), X. Buy (Strasbourg/FR)*

17:00-18:00

WS 2601 Workshop**Indications, techniques and outcomes of RFA of lung and renal tumours****Sala 2G**2601.1 *C.T. Sofocleous (New York, NY/US)*2601.2 *J.L. del Cura (Bilbao/ES)*

- WS 2602** 17:00-18:00 **Workshop** **Sala 2E**
Basic embolization techniques and new technology
 2602.1 *L. Defreyne (Ghent/BE)*
 2602.2 *M. Düx (Frankfurt/DE)*
- WS 2603** 17:00-18:00 **Workshop** **Sala 1Y**
How to deal with endoleaks after EVAR
 2603.1 *R.G. McWilliams (Liverpool/UK)*
 2603.2 *B.T. Katzen (Miami, FL/US)*
- WS 2604** 17:00-18:00 **Workshop** **Sala 1Z**
How to manage failing and failed dialysis fistulas
 2604.1 *S.O. Trerotola (Philadelphia, PA/US)*
 2604.2 *K.D. McBride (Dunfermline/UK)*
- WS 2605** 17:00-18:00 **Workshop** **Auditorio 1A**
Biliary interventions - tips and tricks in difficult cases
 2605.1 *A. Adam (London/UK)*
 2605.2 *F. Deschamps (Villejuif/FR)*
- WS 2606** 17:00-18:00 **EFRS Workshop 4** **Sala 4D**
Sharing experience in day-to-day practice of the supporting staff in interventional radiology departments
 2606.1 *D. Katsifarakis (Athens/GR)*
 2606.2 *E. Tzanalaridou (Athens/GR)*
- FP 2607** 17:00-18:00 **Free Papers** **Sala 4F**
Oncologic interventions 3: tumour ablation
Moderators: D.J. Breen (Southampton/UK), L. Crocetti (Pisa/IT)
- 2607.1 Irreversible electroporation of renal cell carcinoma: a phase 1 clinical study
M. Pech, G. Wieners, O. Dudeck, R. Rühl, K. Mohnike, U.-B. Liehr, J. Ricke; Magdeburg/DE
- 2607.2 Osteoid osteoma and osteoid osteoma-mimicking lesions: biopsy findings, distinctive MDCT features and treatment by radiofrequency ablation
A. Feydy¹, F. Becce², N. Theumann², R. Campagna¹, F. Larousserie¹, J.-L. Drapé¹; ¹Paris/FR, ²Lausanne/CH
- 2607.3 Tumour response to transarterial chemoembolization in hepatocellular carcinoma: relationship between amended RECIST criteria and histopathologic tumour necrosis**
L. Bargellini, V. Battaglia, D. Campani, P. Carrai, R. Cioni, F. Filippini, C. Bartolozzi; Pisa/IT
- 2607.4 Percutaneous cryoablation for solid renal tumours: experience of treating 67 tumours in 48 patients
D.J. Breen, T.J. Bryant, N. Railton; Southampton/UK
- 2607.5 Radiofrequency of bilateral lung metastases in a single session
F. Gómez, M. Canella, S. Ferron, E. Descat, J. Palussière; Bordeaux/FR
- 2607.6 Percutaneous cryoablation of renal tumors: initial experience in 52 patients
X. Buy, H. Lang, A. Gangji; Strasbourg/FR



17:00-18:00
FP 2608 Free Papers
PVD 3

Sala 3A

Moderators: J. Hilario Gonzalez (Zaragoza/ES), A.H. Matsumoto (Charlottesville, VA/US)

- 2608.1 Safety and efficacy of ultrasound-accelerated thrombolysis in arterial thrombo-embolic obstructions of the lower extremities
A.M. Schrijver¹, M.M.P.J. Reijnen², J.A. van Oostayen², A.W.J. Hoksbergen³, R.J. Lely³, R.H.W. van de Mortel¹, M. van Leersum¹, J.P.P.M. de Vries¹; ¹Nieuwegein/NL, ²Arnhem/NL, ³Amsterdam/NL
- 2608.2 Subintimal angioplasty of the femoropopliteal artery: long-term angiographic and clinical outcomes in 100 patients
S. Spiliopoulos, K. Katsanos, A. Diamantopoulos, I. Paraskevopoulos, D. Karnabatidis, D. Siablis; Patras/GR
- 2608.3 Arterial closure devices versus manual compression for femoral haemostasis in interventional radiological procedures: a systematic review and meta-analysis**
R. Das, K. Ahmed, T. Athanasiou, R.A. Morgan, A.-M. Belli; London/UK
- 2608.4 3D roadmapping based on pre-procedural contrast-enhanced CT for vascular interventions: work in progress
G. Maleux¹, S. Heye¹, J. Vaninbrouck¹, A. Radaelli²; ¹Leuven/BE, ²Best/NL
- 2608.5 Ultrasound (US) guided angio-seal deployment in antegrade common femoral arterial access: 3 years of experience
M. Manzi, G. Cester, M. Marangotto, D. Barra, E. Brocco; Abano Terme/IT
- 2608.6 Occlusion of arteriovenous fistulas of in-situ saphenous vein bypass grafts using the Amplatzer Vascular Plug 4
M. Libicher, H. Schwabe, M. Gawenda, V. Matoussevitch; Cologne/DE



17:00-18:00
FP 2609 Free Papers
Embolotherapy: UFE

Sala 3F

Moderators: B.E. Cil (Ankara/TR), E. Esteban Hernández (Valencia/ES)

- 2609.1 Long-term quality of life after uterine artery embolization in women with adenomyosis and fibroids versus women with fibroids only
M. Popovic, D. Berzaczy, S.B. Puchner, J. Lammer, R.A. Bucek; Vienna/AT
- 2609.2 Degradation and inflammation of embolization microspheres: embozene vs. embosphere in a UAE sheep model
V. Verret¹, M. Wassef¹, J.-P. Pelage², H.S. Ghegediban¹, I. Schwartz-Cornil³, J. Golzarian⁴, A. Laurent¹; ¹Paris/FR, ²Boulogne/FR, ³Jouy-en-Josas/FR, ⁴Minneapolis, MN/US
- 2609.3 Deformation influences arterial distribution: embozene vs. embosphere in sheep kidney and uterus**
V. Verret¹, J.-P. Pelage², M. Wassef¹, H.S. Ghegediban¹, J. Golzarian³, A. Laurent¹; ¹Paris/FR, ²Boulogne/FR, ³Minneapolis, MN/US
- 2609.4 Uterine fibroid embolisation for symptomatic uterine fibroids: a survey on clinical practice in Europe
M.J. Voogt¹, M.J. Arntz², P.N.M. Lohle³, W.P. Mali¹, L. Lampmann³; ¹Utrecht/NL, ²Nijmegen/NL, ³Tilburg/NL
- 2609.5 Comparison of UAE and laparoscopic uterine artery occlusion (LUAO) for fibroids: the results of non-randomized clinical trial
M. Mara¹, J. Maskova², K. Kubinova¹, P. Horak¹, M. Novotna¹, D. Kuzel¹; ¹Prague ²/CZ, ²Aberdeen/UK
- 2609.6 Safety and efficacy of ovarian artery embolization for symptomatic uterine leiomyomata
T.J. Kroencke, C. Scheurig-Münkler; Berlin/DE



18:10-19:00
SY 2610 Satellite Symposium
Cook Medical

Sala 2G

Programme to be announced.

Wednesday, October 6, 2010

- SS 2701** **Special Session** **Sala 3A**
Lower back pain
Moderators: J.-B. Martin (Geneva/CH), T. Sabharwal (London/UK)
- 2701.1 Imaging and clinical evaluation
M. Thurnher (Vienna/AT)
- 2701.2 Disc pathology and treatment
A. Gangi (Strasbourg/FR)
- 2701.3 Facets pathology and treatment
M. Gallucci (L'Aquila/IT)
- 2701.4 Sacroiliac pathology and treatment
C.W.A. Pfirrmann (Zürich/CH)
- SS 2702** **Special Session** **Auditorio 1A**
Controversies in vascular interventions
Moderator: R.A. Morgan (London/UK)
- 2702.1 Carotid plaque imaging is crucial for CAS or CEA
T. Saam (Munich/DE)
- 2702.2 Carotid plaque imaging is useless for CAS or CEA
A.H. Mahnken (Aachen/DE)
- 2702.3 CTA is essential for EVAR patients follow-up
D.A. Brisbois (Liège/BE)
- 2702.4 CTA is not essential for EVAR patients follow-up
M. Bezzi (Rome/IT)
- 2702.5 Open surgery is better than fenestrated EVAR
P.R. Taylor (London/UK)
- 2702.6 Fenestrated EVAR is better than open surgery
M. Thompson (London/UK)
- SS 2703** **Special Session** **Sala 2G**
Medical management in PAD patients
Moderators: A.-M. Belli (London/UK), S. Duda (Berlin/DE)
- 2703.1 Update on antiplatelets
G. Tepe (Rosenheim/DE)
- 2703.2 Novel anticoagulants
R. Uberoi (Oxford/UK)
- 2703.3 Statins
I. Loftus (London/UK)
- 2703.4 What works for smoking cessation?
A.-L. Le Faou (Paris/FR)
- ICS 2704** **Interactive Case Session** **e-voting**
Liver tumours **Sala 3F**
- 2704.1 *P.L. Pereira (Heilbronn/DE)*
- 2704.2 *T.K. Helmberger (Munich/DE)*

- SS 2801** 10:00-11:00 **Special Session** **Sala 2G**
Update on spine interventions
Moderators: A. Gangi (Strasbourg/FR), E. Lonjedo (Valencia/ES)
- 2801.1 What do the recent trials tell us?
H. Fransen (Ghent/BE)
- 2801.2 New devices for vertebral augmentation
G.C. Anselmetti (Candiolo/IT)
- 2801.3 Percutaneous posterior element devices
F. Aparisi (Valencia/ES)
- 2801.4 Complications of vertebroplasty
A.D. Kelekis (Athens/GR)
- SS 2802** 10:00-11:00 **Special Session** **Auditorio 1A**
Below the knee revascularization
Moderators: M. De Blas (Paterna/ES), R. Gandini (Rome/IT)
- 2802.1 Non-invasive imaging of the infrapopliteal circulation
H. Alfke (Luedenscheid/DE)
- 2802.2 Pedal angioplasty: how far distally can you go?
A. Bolia (Leicester/UK)
- 2802.3 How good are stents below the knee?
T. Rand (Vienna/AT)
- 2802.4 Clinical outcomes: is it really worth the effort?
K. Katsanos (Patras/GR)
- SS 2803** 10:00-11:00 **Special Session** **Sala 3F**
Restenosis
Moderators: K.A. Hausegger (Klagenfurt/AT), G. Tepe (Rosenheim/DE)
- 2803.1 The pathophysiology - molecular basis of restenosis
S. Duda (Berlin/DE)
- 2803.2 The scope of the problem: what does it mean for my patient?
D. Tsetis (Iraklion/GR)
- 2803.3 Methods of prevention: DES, DEB, radiation
S. Müller-Hülsbeck (Flensburg/DE)
- SS 2804** 10:00-11:00 **Special Session** **Sala 3A**
Imaging assessment in liver tumour treatment
Moderators: A. Hatzidakis (Iraklion/GR), P.R. Mueller (Boston, MA/US)
- 2804.1 Imaging key points to tailor your treatment
J.M. Abadal Villayandre (Madrid/ES)
- 2804.2 Response criteria: which is the best?
R. Lencioni (Pisa/IT)
- 2804.3 What is the role of MR after treatment?
N.L. Kelekis (Athens/GR)
- 2804.4 What is the role of PET and PET-CT after treatment?
A.H. Mahnken (Aachen/DE)

	WS 2901	11:30-12:30 Workshop IR in the management of trauma	Sala 1Y
	2901.1	<i>A.M. Al-Kutoubi (Beirut/LB)</i>	
	2901.2	<i>W. Jaschke (Innsbruck/AT)</i>	
	WS 2902	11:30-12:30 Workshop Percutaneous treatment of DVT: technique, tips and tricks	Sala 3F
	2902.1	<i>K.R. Thomson (Melbourne, VIC/AU)</i>	
	2902.2	<i>G.J. O'Sullivan (Galway/IE)</i>	
	WS 2903	11:30-12:30 Workshop How I do chemoembolization	Sala 4F
	2903.1	<i>L. Rosa (Lisbon/PT)</i>	
	2903.2	<i>A. Chatziioannou (Athens/GR)</i>	
	WS 2904	11:30-12:30 Workshop Percutaneous gastrostomy, gastrojejunostomy and radiologic PEG tubes	Sala 1Z
	2904.1	<i>J.J. Ciampi Dopazo (Toledo/ES)</i>	
	2904.2	<i>H. van Overhagen (The Hague/NL)</i>	
	WS 2905	11:30-12:30 Workshop MRA and CTA in PVD: current status	Sala 2G
	2905.1	<i>K.E. Wilhelm (Bonn/DE)</i>	
	2905.2	<i>C.M. Loewe (Vienna/AT)</i>	
	WS 2906	11:30-12:30 Workshop Renal artery interventions: current indications and techniques	Sala 2E
	2906.1	<i>J.G. Moss (Glasgow/UK)</i>	
	2906.2	<i>J. Tacke (Passau/DE)</i>	
	WS 2907	11:30-12:30 Workshop Management of failed and failing arterial bypass grafts: endovascular treatment vs. surgery	Sala 3A
	2907.1	<i>S. Müller-Hülsbeck (Flensburg/DE)</i>	
	2907.2	<i>D. Tsetis (Iraklion/GR)</i>	
	WS 2908	11:30-12:30 Workshop Varicocele and pelvic congestion: all you need to know	Auditorio 1A
	2908.1	<i>Z.J. Haskal (Baltimore, MD/US)</i>	
	2908.2	<i>M.A. De Gregorio (Zaragoza/ES)</i>	
	WS 2909	11:30-12:30 Workshop Vertebroplasty: tips and tricks in benign and malignant lesions	Sala 4D
	2909.1	<i>D. Kasper (Phoenix, AR/US)</i>	
	2909.2	<i>S. Masala (Rome/IT)</i>	

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EPOS

Biliary intervention

Scientific Posters

- P-1 Percutaneous transhepatic endoscopic holmium laser lithotripsy for intrahepatic and choledochal biliary stones
U. Rimon, H. Winkler; Tel-Hashomer/IL
- P-2 Multifactor analysis of risk factors for percutaneous transhepatic biliary drainage-related cholangitis in patients with malignant obstructive jaundice
H.T. Niu; Beijing/CN
- P-3 Ultrasound-guided percutaneous transhepatic biliary drainage for patients with nondilated bile ducts: usefulness of en face approach technique
S. Nakatsuka, M. Inoue, N. Ito, K. Matsumoto, S. Hashimoto, S. Kuribayashi; Tokyo/JP
- P-4 Percutaneous cholecystostomy in non-surgical patients with acute cholecystitis
A. Fabbricatore, S.P. Cea, E.B. Seoane, L.V. Dominguez, C.R. Neches; Vigo/ES
- P-5 Biliary hemorrhage due to arterial injury caused by expanding metallic stent: a rare but potentially fatal complication associated with biliary intervention
H. Fujiwara, Y. Arai, Y. Takeuchi, M. Takahashi, N. Sakamoto; Tokyo/JP
- P-6 Transcatheter arterial embolization using N-butyl cyanoacrylate for the arterial complication for transhepatic biliary drainage
H. Anai, S. Sueyoshi, H. Nishiofuku, T. Tanaka, H. Sakaguchi, K. Kichikawa; Kashiwara/JP
- P-7 Percutaneous palliation of malignant hilar biliary obstruction with covered versus non-covered biliary stents: results of a prospective randomized trial
E. Dhondt, P. Vanlangenhove, K. De Keukeleire, E. Sturm, G. Van Maele, L. Defreyne; Ghent/BE
- P-8 What are the percutaneous intervention strategies in dysfunctioning plastic biliary endoprostheses in the management of malignant biliary obstruction?
B. Gumus; Istanbul/TR
- P-9 Radiological-endoscopic approach in the treatment of iatrogenic biliary ducts lesions: a 10-year experience
E. Boatta, F. Fanelli, M. Allegritti, M. Corona, P. Lucatelli, R. Passariello; Rome/IT
- P-10 Development of Gemcitabine eluting stent for biliary tract
J.Y. Hong¹, S.C. Lee¹, S.G. Kang¹, S.W. Park²; ¹Seongnam/KR, ²Seoul/KR

Educational Posters

- P-11 Image guided percutaneous cholecystostomy in critically ill patients hospitalized in intensive care unit
P. Pappas¹, E. Barberi², P. Sourla², E. Felesaki², G. Gkeneralis², V. Oikonomopoulou²; ¹Penteli/GR, ²Athens/GR
- P-12 Percutaneous biliary enterostomy (PTBE) with stent implantation: a novel technique as an alternative procedure in post-surgical and occlusive biliary strictures
B. Gonçalves¹, T. Waggershauer¹, P. Almeida², T.F. Jakobs¹, M.F. Reiser¹; ¹Munich/DE, ²Leiria/PT

Case Reports

- P-13 Unusual cause of biliary obstruction
N. Akle, G. Narayanan; Miami, FL/US
- P-14 Acetic acid sclerotherapy for treatment of a bile leak from an isolated bile duct after laparoscopic cholecystectomy
G.-B. Choi, H.-W. Choi; Busan/KR
- P-15 Biliary metal stent occlusion of a treaty with radiofrequency
F. Piacentino, F. Fontana, M. Mangini, M. De Chiara, F.A. Vizzari, D. Laganà, G. Carrafiello, C. Fugazzola; Varese/IT
- P-16 Use of endoluminal radiofrequency ablation to recanalize occluded metallic biliary stent
T. Andrasina, V. Válek, J. Panek, J. Hlavsa; Brno/CZ

Bone, spine and soft tissue intervention

Scientific Posters

- P-17 Efficacy of percutaneous dynamic screws in the treatment of low back pain due to high-grade disc degeneration: a preliminary experience
S. Marcia, S. Marini, E. Piras, C. Boi, G. Mallarini; Cagliari/IT
- P-18 Safety and efficacy of percutaneous vertebroplasty in malignancy: a systematic review
C. Chew, L. Craig, R. Edwards, J.G. Moss, P.J. O'Dwyer; Glasgow/UK
- P-19 Percutaneous decompression of lumbar spinal stenosis with a new interspinous device
S. Masala, R. Fiori, D.A. Bartolucci, M. Mammucari, E. Calabria, G. Simonetti; Rome/IT
- P-20 Percutaneous vertebroplasty in 1,272 levels: results and long-term effectiveness in a single centre
S. Masala, M. Mammucari, D.A. Bartolucci, F. Massari, R. Fiori, G. Simonetti; Rome/IT
- P-21 CT-guided selective cervical nerve root blocks: experience of 1187 cases
H.-Y. Kang¹, S.-H. Lee², S.-Y. Moon¹; ¹Busan/KR, ²Seoul/KR
- P-22 CT-guided percutaneous drainage of tuberculosis cold abscesses adjunctive to pharmaceutical anti-TBC treatment: a successful evaluation
P. Tsagouli, E. Sotiropoulou, K. Stathopoulos, V. Georgiadi, I. Tierris, O. Konstantinopoulos, I. Tsangaridou, L. Thanos; Athens/GR
- P-23 X-press BKP: a preliminary experience
S. Marcia, E. Piras, S. Marini, G. Mallarini; Cagliari/IT
- P-24 Cryoablation/Vertebroplasty versus Radiofrequency/Vertebroplasty in neoplastic vertebral localization
S. Masala, F. Massari, M. Mammucari, D.A. Bartolucci, R. Fiori, G. Simonetti; Rome/IT
- P-25 US guided therapy of calcific tendinopathy: clinical and radiological outcome assessment in shoulder and non-shoulder tendons
T. De Zordo¹, N. Ahmad², M.-T. Girtler², R. Chhem³, W. Jaschke¹, C. Romagnoli²; ¹Innsbruck/AT, ²London, ON/CA, ³Vienna/AT
- P-26 High intensity focused ultrasound ablation: effective treatment for patients with primary bone malignancy
W. Chen, L. Zhang, H. Zhu, S.H. Mao, K.Q. Li, K. Zhou, J. Bai, F. Wu, Z. Wang; Chongqing/CN
- P-27 Robot arm-based flat panel CT-guided electromagnetic tracked spine interventions: phantom and animal model experiments
T. Penzkofer, P. Isfort, P. Bruners, Y. Kyriakou, W.A. Kalender, R.W. Günther, T. Schmitz-Rode, A.H. Mahnken; Aachen/DE
WITHDRAWN
- P-28 Cervical infiltrations under CT guidance: potential risks analysis (a 10-year experience)
D. Krause, B. Guiu, J.-M. Lerais, N. Vignon, D. Sottier, N. Mejean, H. Benhamiche, J.-P. Cercueil, R. Loffroy; Dijon/FR
- P-29 Percutaneous screw fixation of a vertebral pedicle fracture under CT guidance: a new technique
N. Amoretti, A. Ianessi; Nice/FR

Educational Posters

- P-30 Ultrasound guided procedures of the musculoskeletal system
T. De Zordo¹, M.-T. Girtler², W. Jaschke¹, R. Chhem³, C. Romagnoli²; ¹Innsbruck/AT, ²London/CA, ³Vienna/AT
- P-31 Percutaneous epidural steroid infiltrations: a pictorial review
D.K. Filippidis, A. Mazioti, K. Malagari, E. Brontzos, N.L. Kelekis, A.D. Kelekis; Athens/GR
- P-32 Review of percutaneous intervertebral disc decompression and ablative techniques
D.K. Filippidis, A. Mazioti, E. Alexopoulou, E. Brontzos, N.L. Kelekis, A.D. Kelekis; Athens/GR
- P-33 MR contribution in the therapeutic effect control of guided computer tomographic intraarticular infiltrations in lumbar interapophyseal and sacro-iliac joints
G. Botis, A. Steopei; Baia Mare/RO

P-34 Symptomatic vertebral hemangiomas: treatment techniques
A.M. Boronat, E. Lonjedo, G. Cabrera, A. Ruiz, A. Magan, J.J. Martinez; Valencia/ES

P-35 Vertebral augmentation techniques: from A to Z
G. Tsoumakidou, J. Garnon, X. Buy, I. Enescu, A. Gangi; Strasbourg/FR

Case Reports

P-36 Trans-iliac bone biopsy with bowel dislocation in a renal mass of a ptotic kidney
U.G. Rossi, S. Seitun, A. Guastavino, L. Patrone, M. Castiglione Morelli, C. Ferro; Genova/IT

P-37 Iatrogenic lumbar pseudoaneurysm treated by percutaneous embolization using N-butyl-2-cyanoacrylate
Y. Tamura, O. Ikeda, K. Kawanaka, Y. Nakasone, Y. Yamashita; Kumamoto/JP

P-38 Radiofrequency ablation for painful osteoblastic bone metastasis
Y. Kodama, Y. Sakurai, T. Fukuda, K. Murakami, H. Ikeda, T. Fukuda; Sapporo/JP

P-39 Radiofrequency ablation of osteoid osteoma of posterior elements of vertebra in three patients: a difficult location for surgeons
B. Dev¹, B. Jankharia², R. Santosham¹, P.P. Alhman¹, R. Mandava¹; ¹Chennai/IN, ²Mumbai/IN

P-40 Image-guided percutaneous treatment of aneurysmal bone cyst of mandible with bone allograft and autologous bone marrow: a case report and review of literature
R. Freitas¹, K. Fonseca², R. Procopio², L.F. Lehman²; ¹Sao Paulo/BR, ²Belo Horizonte/BR

P-41 CT-guided precise stellate ganglion block in a patient with Pancoast tumor
B. Dev, R. Santosham, P.P. Alhman; Chennai/IN

P-42 Vertebroplasty with a curved injection needle: a case report in a patient with ankylosed spine and orthopedic hardware
A. Feydy, R. Campagna, E. Pluot, A. Babinet, J.-L. Drapé; Paris/FR

P-43 C5-C6 intervertebral disc herniation treated with combined percutaneous therapies
D.K. Filippidis, A.D. Kelekis, N. Ptohis, E. Alexopoulou, E. Brountzos, N.L. Kelekis; Athens/GR

P-44 Hepatocellular carcinoma bone and soft tissue metastasis treated with combined minimally invasive techniques
D.K. Filippidis, A.D. Kelekis, N. Ptohis, N. Spyrou, E. Brountzos, N.L. Kelekis; Athens/GR

P-45 Anterior dislocation of a percutaneous interspinous spacer
S. Marcia, S. Marini, M. Marras, G. Mallarini; Cagliari/IT

P-46 Case report of a femoral neck fracture treated in angiography suite by means of percutaneous screw fixation
D.K. Filippidis, A.D. Kelekis, N. Spyrou, G. Velonakis, G. Oikonomoulas, K. Malagari, N.L. Kelekis; Athens/GR

P-47 Vertebroplasty of aggressive angioma
R. Marcello; Rome/IT

P-48 CT scan guided percutaneous osteosynthesis of a complex, multifocal fracture of the pelvic girdle in a 14-year-old adolescent
N. Amoretti; Nice/FR

Clinical practice development

Scientific Posters

P-49 The interventional radiology clinic: our experience
N. Goyal¹, S.K. Agarwal²; ¹Cardiff/UK, ²Wrexham/UK

P-50 Antibiotic prophylaxis in interventional radiology
R.P. Yadavali, G. Urquhart, S. Chandramohan, J.G. Moss; Glasgow/UK

Educational Posters

- P-51 A web-based reference database for the postprocedural management of disease treated by the interventionalist
S.D. Kalagher¹, I.G. Vargas², J.D. Dowell¹; ¹Charlottesville, VA/US, ²Fishers, IN/US
- P-52 IR drugs: an international online pharmacopeia for the interventional radiologist
J.D. Dowell¹, I.G. Vargas², S.D. Kalagher¹; ¹Charlottesville, VA/US, ²Fishers, IN/US
- P-53 Monitoring equipment, a primer for the interventional radiologist
A. Pellegrin¹, U. Rozzani¹, B. Biancardi², L. Magi Meconi², S. Sammartano¹; ¹Trento/IT, ²Venice/IT
- P-54 MR-guided non-vascular interventional procedures
A. Gangi, X. Buy, J. Garnon, I. Enescu, G. Tsoumakidou, M. de Mathelin; Strasbourg/FR

Dialysis intervention and venous access**Scientific Posters**

- P-55 Prospective, randomised controlled trial of cutting balloon angioplasty (CBA) versus high pressure balloon angioplasty (HPBA) in hemodialysis arterio-venous graft (AVG) and arterio-venous fistula (AVF) stenosis resistant to conventional percutaneous transluminal angioplasty (PTA): a preliminary report
L.S. Khoo, K.H. Tay, R. Lo, M. Taneja, S.E. Lin, T. Teo, A. Dewan, T. Huang, C.M. Wan, F.G. Irani, S.G. Tan, S.P. Chng, S. Pasupathy, W.S. Yang, L.H.L. Choong, B.S. Tan; Singapore/SG

Educational Posters

- P-56 Percutaneous radiologic placement of peritoneal dialysis catheters: technique, indications, complications
L. Bellmann, O. Pellerin, C. D'auzac, C. Jacquot, M.R. Sapoval; Paris/FR

Case Reports

- P-57 Anomalous coronary vein drainage to superior vena cava
T.M. Loper, J. Matteo, D.A. Siragusa, S. Knight; Jacksonville, FL/US
WITHDRAWN
- P-58 Safari technique for recanalization of an occluded subclavian vein in a haemodialysis patient
N. Ptohis, E. Brountzos, E. Alexopoulou, O. Preza, A.D. Kelekis, D.K. Filippidis, N.L. Kelekis; Athens/GR

Embolotherapy (excluding oncology)**Scientific Posters**

- P-59 Onyx embolization in visceral artery bleeding
I. Insausti Gorbea, F. Urtasun Grijalba, S. Solchaga Álvarez, M.L. Diaz, J. Barberena Iriberrri, M. Ciriza Esandi; Pamplona/ES
- P-60 Current methods of diagnostics and treatment of splenic cysts
A. Lotov, S. Kondrashin, V. Rozinov; Moscow/RU
- P-61 Balloon occlusion assisted percutaneous femoral pseudoaneurysm treatment
M. Popovic, G. Edelhauser, R. Borny, D. Beitzke, F. Wolf, J. Lammer, M.A. Funovics; Vienna/AT
- P-62 Endovascular embolization in critical patients with pelvic trauma associated with acute haemorrhage
M. Grosso, A. Balderi, E. Peano, A. Antonietti, L. Ferro, F. Pedrazzini, L. Donato; Cuneo/IT
- P-63 Endovascular management of pulmonary arteriovenous malformations in HHT
M. Grosso, A. Antonietti, A. Balderi, F. Pedrazzini, L. Donato, E. Peano, L. Ferro; Cuneo/IT
- P-64 Treatment of iatrogenic vascular injuries with selective arterial embolization
M. Echenagusia Boyra, G. Rodriguez-Rosales, M. Ruiz Lozano, G. Simó, F. Camuñez, A. Echenagusia Belda; Madrid/ES
- P-65 Percutaneous embolization of enteric or biliary fistula with histoacryl
G.-C. Kim, J.H. Bae; Jung-gu, Daegu/KR

- P-66 Posttraumatic high-flow priapism in children treated with autologous blood clot embolization: results and long-term follow-up
F. Gulsen, S. Solak, M. Cantasdemir, F. Numan; Istanbul/TR
- P-67 Arterial embolisation in infantile hemangioendothelioma of the liver
R. Nani, S. Limonta, A. Tomasoni, R. Agazzi; Bergamo/IT
- P-68 Splenic artery embolization in four patients with splenic artery steel syndrome after orthotopic liver transplant
S. Crespi, L. Martinetti, S. Camagni, B. Antonelli, A.F. Nicolini; Milan/IT
- P-69 Ovarian vein embolization: gelfoam with absolute alcohol, coils or both; what is the best option?
J.M. Lozano; Bogota/CO
- P-70 Translumbar thrombin instillation in type II endoleaks after endovascular abdominal aortic aneurysm repair
G. Edelhauser, M. Popovic, D. Berzaczy, D. Beitzke, M.B. Schernthaner, R. Borny, J. Lammer, M.A. Funovics; Vienna/AT
- P-71 Peripheral embolization procedures performed with Onyx[®]
L. Ikka, F. Boujan, M. Habashy, C. Jahn, A. Labani, A. Modreanu, L. Mertz, R. Beaujeux; Strasbourg/FR
- P-72 Embolization of complex visceral vascular lesions using hydrogel-coated detachable coils and N-BCA: a 5-year single-center experience
E.J. Gandras, C.R. Greben, D. Putterman, D. Caplin, J. O'Donnell, A. Setton; Manhasset, NY/US
- P-73 Hepatic adenomatosis: long-term outcomes following bland embolization
S. Hunt, K. Olthoff, A. Shaked, J.I. Mondschein, S.W. Stavropoulos, M.C. Soulen; Philadelphia, PA/US

Educational Posters

- P-74 Percutaneous superselective embolization of segmental hepatic artery or gastroduodenal artery, in cases of hemorrhage through the ampulla of Vater
P. Pappas¹, E. Barberi², P. Sourla², E. Felesaki², A. Tsamis², V. Oikonomopoulou²; ¹Penteli/GR, ²Athens/GR
- P-75 Angiomyolipoma-spectrum of presentation and endovascular treatment
P. Kiszka, S. Sadowski, L. Partyka; Newark, NJ/US
- P-76 Efficacy of embolization of the visceral artery with GDC-10
M. Koganemaru, T. Abe, R. Iwamoto, S. Yoshida, M. Nonoshita, A. Kuhara, M. Kusumoto, N. Hayabuchi; Kurume/JP
- P-77 Embolization of acute nonvariceal upper gastrointestinal bleeding resistant to endoscopic treatment: results and predictors of recurrent hemorrhage
R. Loffroy, P. Rao, S. Ota, M. De Lin, B.-K. Kwak, J.-F.H. Geschwind; Baltimore, MD/US
- P-78 The role of the radiologist in life-threatening hemoptysis
I. Artero, M. Santillana, J. Rodriguez, J.J. Muñoz, M.I. Padin, F. Serrano; Málaga/ES
- P-79 Embolization strategies to achieve occlusion of high-flow splenic artery in a hypocoagulable state patient
M. Guimaraes, C. Schonholz, R. Uflacker, C. Hannegan, B. Selby Jr; Charleston, SC/US
- P-80 Embolization with microcoil in vascular and nonvascular intervention
I.H. Bae, K.S. Park; Chungbuk/KR
- P-81 Procedural implications of variant hepatic arterial anatomy in transcatheter therapies
A.C. Durran, S. Idriz, N. Railton, T.J. Bryant, B. Stedman, D.J. Breen, N. Hacking; Southampton/UK
- P-82 Wide application of the amplatzer vascular plug in numerous different clinical scenarios with pictorial examples
J.E. Dawkins, S. Travis, S. Whitaker, R. O'Neill, G. Ramjas; Nottingham/UK
- P-83 Embolization of portosystemic shunts in patients with hepatic encephalopathy
R. Guerrero, J. Villalba, A. Tomasello, M. Barrufet, M. Burrel, M.I. Real; Barcelona/ES
- P-84 Use of the amplatzer vascular plugs for embolisation in the trauma setting
D.G. Ranatunga, A. Roy, N.I. Fotiadis; London/UK

Case Reports

- P-85 Renal arteriovenous fistula treated percutaneously with the amplatzer vascular plug
M.L. Diaz, F. Urtasun, R. Lezaun; Pamplona/ES
- P-86 Stroke due to paradoxical embolism occurring after failed percutaneous embolization of pulmonary arteriovenous malformation
J.H. Kwon, Y. Yoon; Goyang-si/KR
- P-87 Glue embolisation of an ostial bronchial artery aneurysm in a patient with haemoptysis
S. Bays¹, K. Ojha², A.F. Watkinson²; ¹Plymouth/UK, ²Exeter/UK
- P-88 Embolization of multiples pulmonary AVF with a new Aga amplatzer device in a rare case of Rendu-Osler disease
G. Morelli Coppola; Naples/IT
- P-89 Successful treatment of ruptured duodenal varices with dual balloon-occluded embolotherapy
Y. Nakasone, O. Ikeda, Y. Tamura, Y. Yamashita, T. Masuda, T. Beppu, H. Baba; Kumamoto/JP
- P-90 Emergent endovascular coil embolization of symptomatic multiple flow-induced splenic artery aneurysms after liver transplantation
M.C. Freund, A. Chemelli, W. Jaschke; Innsbruck/AT
- P-91 Use of multimodality fusion imaging when traditional angiographic access is not available
S. Vaidya, A. Nair; Seattle, WA/US
- P-92 Transarterial superselective embolization in a horseshoe kidney trauma
M. Echenagusia Boyra, G. Rodriguez-Rosales, M. Ruiz Lozano, F. Camuñez, G. Simó, A. Echenagusia Belda; Madrid/ES
- P-93 Occlusion of a pulmonary arteriovenous malformation in hereditary haemorrhagic telangiectasia using the Amplatzer vascular plug II
H.K. Kok, M.M. Slattery, G.S. Goh, M.F. Given, M.J. Lee; Dublin/IE
- P-94 Coil embolization of aneurysm in a duplicated common hepatic artery
A. Kuhara, M. Koganemaru, T. Abe, R. Iwamoto, S. Yoshida, N. Hayabuchi, H. Akashi, T. Saga; Kurume/JP
- P-95 Massive hematuria in post-inflammatory ureteral-iliac artery fistula: endovascular repair with coils and stentgraft placement
R. Corso, D. Leni, F. Vacirca; Monza/IT
- P-96 Percutaneous treatment of high-flow priapism: a case report
F.C. Carnevale, P.H. Petterle, W.O. Sousa Junior, T. Protta, R.A.S. Oliveira, J.M. Motta-Leal-Filho, C.E. Zurstrassen, B.B. Affonso, F. Nasser, A.M. Moreira, G.G. Cerri; São Paulo/BR
- P-97 Transcatheter arterial embolization using absolute ethanol in dialysis patients with enlarged polycystic kidneys
G.-S. Jung¹, T.-B. Shin², J.R. Juhn¹; ¹Busan/KR, ²Jinju/KR
- P-98 Transcatheter arterial embolization of extraperitoneal hematomas in a patient undergoing anticoagulation
M. Fichetti, E. Paci, E. Antico, C. Mincarelli, R. Candelari, S. Alborino; Ancona/IT
- P-99 A rare case of traumatic subscapular artery pseudoaneurysm with simultaneous arteriovenous fistula
M. Prompona, H. Andipa, V. Bizimi, G. Karydas, G. Metaxas, M. Tsouroulas; Athens/GR
- P-100 Post-traumatic priapism successfully managed with selective embolization
C. Dabbeche, H. Neji, S. Haddar, E. Daoud, K. Ben Mahfoudh, J. Mnif; Sfax/TN
- P-101 Angio-embolization of a bronchial artery pseudoaneurysm in the esophageal lumen, caused by chemoradiation for esophageal cancer
H. Tomimatsu¹, Y. Kuwata², K. Imanaka²; ¹Tenri/JP, ²Kobe/JP

- P-102 Management of the rare entity: bronchial artery aneurysms
O.V. Abeyakoon, A.A. Alvi, P. Gaines; Sheffield/UK
- P-103 Embolization of ruptured iatrogenic pseudoaneurysm of accessory hepatic artery: complication of PTC
M. Mizandari, D. Gunia; Tbilisi/GE
- P-104 Embolization in the treatment of intrahepatic arterio-biliary fistula, causing unstoppable bleeding
M. Mizandari, D. Gunia; Tbilisi/GE
- P-105 Postcatheterization chronic femoral arteriovenous fistula: endovascular treatment with amplatzer vascular plug
Z. Aldin, N. Taha, M.S. Hamady; London/UK
- P-106 Occlusion of pulmonary arteriovenous malformations with multiple amplatzer devices in a patient with Rendu-Osler disease presenting with transient ischemic attack
F. D'Ascenzi, V. Zacà, A. Iadanza, S. Mondillo, C. Pierli; Siena/IT
- P-107 Bleeding subclavian artery pseudoaneurysm: glue for covered stent failure control
G. Eisele, S. Sierre, E.A. Mendaro, D. Simonelli; Buenos Aires/AR
- P-108 Mediastinal bronchial artery aneurysm treated successfully by Onyx embolization
J. Urbano, A. Arribas, A. Alonso-Burgos; Madrid/ES
- P-109 Treatment of a large left gastric artery aneurysm-portal venous fistula using an Amplatzer device
A.N. Di Marco, R.G. Gibbs, M.S. Hamady; London/UK
- P-110 Fluoroscopy-guided treatment of a bronchopleural fistula with a platinum vascular occlusion coil and N-butyl-2-cyanoacrylate
I.H. Bae, K.S. Park; Chungbuk/KR
- P-111 Shot-gun caused pseudoaneurysm: how to treat?
V. Tilli¹, B. Prstojević², S. Iđuški¹, N. Boban¹, J. Pfau¹; ¹Novi Sad/RS, ²Belgrade/RS
- P-112 Mediastinal bronchial artery aneurysm treated with percutaneous endovascular intervention
J.H. Kim¹, C.K. Lee²; ¹Incheon/KR, ²Bucheon/KR
- P-113 Percutaneous thrombin injection to treat thoracic aortic type 2 endoleak: two cases
L. Cassagnes¹, J. Aurio², P. Chabrot¹, A. Larralde³, J.-F. Heautot³, L. Boyer¹, H. Rousseau²; ¹Clermont-Ferrand/FR, ²Toulouse/FR, ³Rennes/FR
- P-114 Embolization of an atypical pelvic aneurysm filled by multiple arteriovenous malformations
P. Minko, A. Buecker, M. Katoh; Homburg/DE
- P-115 Embolization of posttraumatic chronic arteriovenous malformations of the lower leg using Amplatzer plugs
A. Massmann, P. Minko, G. Schneider, A. Buecker, M. Katoh; Homburg/DE
- P-116 Previously unreported interventional technique in a recognized disease: the role of preoperative embolization in the management of angiolymphoid hyperplasia with eosinophilia (ALHE) associated with arteriovenous malformation (AVM)
H. Rajhi, A. Salem, I. Naccache, N. Ezzine, A. Adouani, N. Mnif; Tunis/TN
- P-117 Renal angiomyolipoma presenting with pelvi-ureteric junction obstruction and treated by selective embolisation
J.R. Bottomley, E. Clegg; Sheffield/UK
- P-118 Successful transcatheter embolization of a ruptured renal artery aneurysm by a fibrine adhesive
S. Kudrnova, K. Hüttl; Budapest/HU

EVAR and TEVAR

Scientific Posters

- P-119 Dynamics of the inflammatory and ischemic markers after the occlusion of the internal iliac artery during the endovascular treatment of AAA by bifurcated stent graft
P. Sedivy, K. El Samman, H. Prindisova, T. Mach, M. Loucka; Prague/CZ
- P-120 Percutaneous endoluminal aortic stent-graft placement in local anesthesia: preliminary results
I.P. Vulev, A. Klepanec, T. Balázs, R. Bažík, M. Majerčík, J. Mikuláš, J. Madarič, M. Holomán; Bratislava/SK
- P-121 Endovascular treatment of ruptured isolated iliac artery aneurysm
L. Hechelhammer, D. Mayer, G. Puippe, R. Pfiffner, Z. Rancic, M. Lachat, T. Pfammatter; Zürich/CH
- P-122 Cause of death after endovascular abdominal aortic aneurysm repair during a complete 10-year follow-up
A.G. Wibmer, R. Nolz, A.M. Prusa, H. Teufelsbauer, G. Kretschmer, J. Lammer, M. Schoder; Vienna/AT
- P-123 Graft rupture after endovascular or open abdominal aortic aneurysm repair: data from the EVAR trials (on behalf of the EVAR trial participants)
T.R. Wyss, L.C. Brown, J.T. Powell, R.M. Greenhalgh; London/UK
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- P-124 CT-angiography in the EVAR planning: clinical impact of inner wall versus outer wall measurements in the sizing of aortic neck diameters
R. Iezzi, C. Di Stasi, R. Dattesi, M. Nestola, F. Snider, L. Bonomo; Rome/IT
- P-125 Neurological complications of thoracic endovascular aortic repair: early recognition can reverse paraplegia but stroke is fatal
R.E. Clough, B. Modarai, R. Bell, T. Carrell, H. Zayed, M. Waltham, P.R. Taylor; London/UK
- P-126 Endovascular treatment of thoracic aortic disease with SEAL thoracic stent-graft
J.H. Cho¹, S.G. Kang¹, W.S. Yang¹, H.S. Lee¹, M.K. Kim¹, J.W. Chung², J.H. Park²; ¹Seongnam-si, Gyeonggi-do/KR, ²Seoul/KR
- P-127 Endovascular treatment of abdominal aortic disease with SEAL bifurcated stent-graft
J.H. Cho¹, S.G. Kang¹, W.S. Yang¹, H.S. Lee¹, M.K. Kim¹, J.W. Chung², J.H. Park²; ¹Seongnam-si, Gyeonggi-do/KR, ²Seoul/KR

Case Reports

- P-128 Primary aortouni-iliac uncovered self-expandable nitinol stents for total aortoiliac occlusion in a patient with left limb major amputation
M. Rabellino, T. Zander, S. Baldi, M. Maynar; Santa Cruz De Tenerife/ES
- P-129 Interdisciplinary surgical and endovascular treatment of an aberrant right subclavian artery aneurysm
G. Edelhauser, M. Popovic, D. Berzaczy, M.B. Schernthaler, M. Schoder, J. Lammer, M.A. Funovics; Vienna/AT
- P-130 Synchronous popliteal and AAA endovascular repair (PEVAR + AAA-EVAR) in an 85-year-old male
A. Chaudhuri, V. Vohra; Bedford/UK
- P-131 Secondary aortic dissection after endovascular stentgraft implantation for thoraco-abdominal IMH: endoprosthesis extension with scarce distal landing
R.H. Portugaller, O.C. Doerfler, P. Schedlbauer, P. Oberwalder, H. Deutschmann, M. Aschauer; Graz/AT
- P-132 Endovascular management of a mycotic abdominal aorta aneurysm: stent-graft deployment combined with femoro-femoral bypass
P.A. Santos¹, M.R. Casa², C.R. Neches², L.V. Dominguez², E.B. Seoane², S.P. Cea², A. Fabricatore²; ¹Porto/PT, ²Vigo/ES
- P-133 Endoleak II following TEVAR and carotid-carotid crossover bypass and carotid-subclavian bypass: effective endoleak occlusion using Amplatzer vascular plug II
J.E. Armijo¹, R.A. De La Cruz¹, E. Puras¹, L. De Benito¹, M. Gutierrez¹, T. Hernandez Cabrero², R. Garcia¹; ¹Alcorcon/ES, ²Madrid/ES

- P-134 Multiple aortic mycotic aneurysms treated by stent grafting
P. Scott, D.F. Ettles, I. Chetter; Hull/UK
- P-135 Transarterial microcoil embolization of type I a endoleak after EVAR using a balloon remodeling technique
R. Loffroy¹, D. Krause²; ¹Baltimore, MD/US, ²Dijon/FR
- P-136 Endovascular repair of a juxtarenal thoraco-abdominal aortic aneurysm with a quadruple-branched stentgraft
M. Popovic, G. Edelhauser, M. Schoder, M. Czerny, M. Grimm, J. Lammer, M.A. Funovics; Vienna/AT
- P-137 Life-threatening aorto-esophageal fistula bleeding due to mycotic aneurysm of descending thoracic aorta: well treated by aortic stent-graft placement
S.H. Kim, G.M. Choi, B.S. Kim, J.K. Park, S.Y. Jeong; Jeju/KR
- P-138 Aortocava fistula as first manifestation of an iliac aneurysm
J. Urbano, A. Alonso-Burgos, A. Del Rio; Madrid/ES
- P-139 Endovascular repair of ruptured aortic aneurysm with aorto-cava fistula
R.B. Soares, A.A. Pereira, A.H. Pereira, S.M. Boustany, F.D.S. Canani, M.F. Rossi; Porto Alegre/BR
- P-140 Endovascular treatment of aorto-caval fistula
A.J. Sebastian, S. Choksy; Colchester/UK
- P-141 Management of inflammatory abdominal aortic aneurysm and aorto-enteric fistula
A.J. Sebastian, C.M. Backhouse, S. Choksy; Colchester/UK
- P-142 Hybrid endovascular repair of thoracic aortic dissection (Stanford B) with aneurysmatic degeneration and rupture
R.B. Soares, A.A. Pereira, A.H. Pererira, S.M. Boustany, F.D.S. Canani, M.F. Rossi; Porto Alegre/BR
- P-143 Embolization of a type-Ia endoleak following chimney-graft repair
A. Papapetrou, E. Brountzos, E.D. Avgerinos, N. Ptohis, T. Giannakopoulos, A. Maratsos, C.D. Liapis; Athens/GR
- P-144 Epithelioid angiosarcoma of the aorta in a patient with open graft surgery following endoleak after endoprosthesis for infrarenal AAA
J.M. Schmehl, M. Heuschmid, S. Heller, D. Bail, C.D. Claussen, K. Brechtel; Tübingen/DE
- P-145 To report the management of the infected aneurysmal sac via percutaneous drainage as a result of aorto-esophageal fistula which was also the reason of the contained rupture of descending thoracic aneurysm
F. Numan, H. Arbatli, F. Gulsen, M. Cantasdemir; Istanbul/TR
- P-146 Ruptured thoracoabdominal aneurysm partially treated with hybrid procedure
E. Juliá Mollá, A. Martínez Monsalve, J.D. Molina Nuevo, A. Masegosa Medina, M.T. Capilla Montes, M.J. Pedrosa Jimenez, M.G. López Martín; Albacete/ES
- P-147 Endovascular treatment of a „pseudo-coarctation“ post TEVAR
E.A. Mendaro, S. Shinzato; Buenos Aires/AR
- P-148 Placement of coils in the aneurysm sac to minimize endoleak recurrences
B. Pellicer, J.J. Martinez, E. Lonjedo, C. Barber, A. Magan, A. Ruiz; Valencia/ES
- P-149 Treatment of type II endoleak after EVAR: using a double percutaneous transabdominal approach
A. Alonso-Burgos, J. Urbano, J.M. Cabrera, A. Palomera; Madrid/ES
- P-150 Endovascular stent-graft repair of primary aortocaval fistula
A. Alonso-Burgos, J. Urbano, A. Palomera, J.M. Cabrera; Madrid/ES
- P-151 Hybrid endovascular repair of arch and descending aortic aneurysm
R.B. Soares, A.A. Pereira, A.H. Pereira, L.F.M. Costa, G.G. de Souza, M.F. Rossi; Porto Alegre/BR

Experimental work in IR

Scientific Posters

- P-152 Fenestration of aortic stentgrafts - in vitro tests using various approaches
P. Saari, H. Manninen; Kuopio/FI
- P-153 Antegrade in situ fenestration of aortic stentgraft with Outback re-entry catheter: in vivo experiment
P. Saari, H. Manninen; Kuopio/FI
- P-154 Evaluation of anti-tumor effect of miriplatin hydrate-lipiodol suspension
N. Nitta, S. Watanabe, A.N. Seko, A. Sonoda, K. Tsuchiya, S. Ota, H. Otani, T. Tanaka, S. Kanasaki, M. Takahashi, K. Murata, T. Sakamoto; Otsu/JP
- P-155 Is embolization of pancreas safe? An experimental study on pancreas changes induced by selective transarterial embolization with n-butyl cyanoacrylate
T. Okada, M. Yamaguchi, K. Izaki, K. Uotani, T. Takahashi, K. Sugimoto, K. Sugimura; Kobe/JP
- P-156 Cisplatin pharmacokinetics in normal swine treated with trans-arterial chemo-embolization (TACE)
P. Chabrot, P. Guibert, L. Cassagnes, F. Bouculat, A. Léger-Enreille, D. Pezet, A. Abergel, L. Boyer; Clermont Ferrand/FR
- P-157 In vivo assessment of covered stent with electrospun nanofibrous cover
T. Tokuda, N. Tanigawa, S. Kariya, S. Sawada; Hirakata/JP
- P-158 Expansive properties of NCBA/Lipiodol mixture in coagulopathic blood
K. Myojin, J. Koizumi, R. Wray, T. Hashimoto, T. Yamashita, C. Itoh, S. Kawada, Y. Imai; Isehara City/JP
- P-159 Comparative study of epirubicin-iodized oil suspension and emulsion in rabbit VX2 liver tumor by transcatheter arterial chemoembolization
T. Ueda, S. Murata, H. Tajima, T. Mine, S. Onozawa, K. Nakazawa, A. Shibukawa, S. Kumita; Tokyo/JP
- P-160 Vascular regeneration by pinpoint delivery of growth factor using a micro-catheter reservoir system in a rabbit hind-limb ischemia model
A.N. Seko, N. Nitta, A. Sonoda, K. Tsuchiya, A. Yamamoto, S. Watanabe, K. Murata; Otsu/JP
- P-161 Feasibility of using Thiel cadaver model for MRgFUS
A. Volovick, R. Eism, G. Nabi, A. Melzer; Dundee/UK
- P-162 SPIO-loaded chitosan microsphere embolization in rabbit kidney: preliminary study
H.J. Shim, B.K. Kwak, M.J. Kang, J. Lee; Seoul/KR
- P-163 DNA-microarray to profile the inflammation on embolization microspheres: comparison of two materials at 1 and 4 weeks in a sheep UAE model
V. Verret¹, I. Schwartz-Cornil², J.-P. Pelage³, L. Jouneau², H.S. Ghegediban¹, M. Wassef¹, J. Golzarian⁴, A. Laurent¹; ¹Paris/FR, ²Jouy-en-Josas/FR, ³Boulogne/FR, ⁴Minneapolis, MN/US
- P-164 Motion compensated 3D computer navigated portal venous access: initial experience in an in-vivo porcine model
F.U. Arnegger, C.M. Sommer, A. Seitel, A. Franz, B.P. Müller, H.U. Kauczor, L. Maier-Hein, H.P. Meinzer, B.M. Schmied, B.A. Radeleff; Heidelberg/DE
- P-165 Pulmonary artery embolization with and without additional bronchial artery embolization using Irinotecan eluting beads: tolerance in a sheep model
S.H. Ghegediban¹, J.-P. Pelage², M. Wassef¹, M.-T. Baylatry¹, A. Lewis³, P. Lacombe², A. Laurent¹; ¹Paris/FR, ²Boulogne/FR, ³Farnham Surrey/UK

Educational Posters

- P-166 Characterization of atherosclerotic carotid plaque in symptomatic patients by virtual histology IVUS and microscopy MR
R. Gandini, M. Chiocchi, S. Fabiano, F. Fucci, G. Simonetti; Rome/IT

GI tract intervention

Scientific Posters

- P-167 A retrospective review of primary radiologically inserted button gastrostomy
S. Power, L.N. Kavanagh, M.C. Shields, M.F. Given, M.J. Lee; Dublin/IE

Educational Posters

- P-168 Image-guided percutaneous gastrostomy and gastrojejunostomy in pediatric patients: be fastidious!
A. Khankan¹, M.O. Alotaibi², M. Temple², B. Connolly²; ¹Riyadh/SA, ²Toronto, ON/CA
- P-169 Technical issues encountered using a Kimberly-Clark-Mickey gastrostomy kit during gastrostomy insertion
K.A. Pennycooke, G.S. Goh, M.F. Given, M.J. Lee; Dublin/IE
- P-170 Magnetic compression therapy for stenosis of esophageal anastomoses
E. Yamanouchi, R. Kumano, J. Matsumoto, T. Gyobu, A. Fujikawa, N. Ohkura, T. Ohnishi; Yokohama/JP
- P-171 Six patients with rectal stenosis who achieved regular bowel movements after magnetic compression anastomosis
E. Yamanouchi, R. Kumano, T. Gyobu, A. Fujikawa, N. Ohkura, J. Matsumoto, T. Ohnishi; Yokohama/JP

Case Reports

- P-172 Percutaneous US and fluoroscopic guided placement of jejunostomy in two patients with healed surgical access site
P. Kizza, J. Hochhold, L. Partyka; Newark, NJ/US
- P-173 Therapeutic application of bioabsorbable stents in colon: a new weapon against benign stenosis and enteral fistula?
M. Sanchez-Ballestin, A. Laborda, J. Medrano, A. Mainar, J. Bosch, E. Tejero, M.A. De Gregorio; Zaragoza/ES
- P-174 Two cases of embosclerotherapy with fibrin glue (Beriplast P) to repair bowel leakage and cystic duct leakage
R. Kumano, E. Yamanouchi, N. Ohkura, J. Matsumoto, T. Gyobu, A. Fujikawa, T. Ohnishi; Yokohama/JP

Gynaecological intervention (including UFE)

Scientific Posters

- P-175 Effects of uterine artery chemoembolization in treatment of placental implantation abnormality
Y. Chen, L. Xu, H. Sun; Guangzhou/CN
- P-176 Interventional management for complications following Cesarean section
S.W. Park, S.Y. Ko, I.S. Sohn, J.Y. Lee, H.-S. Kwon, H.-S. Hwang; Seoul/KR
- P-177 Recurrent bleeding within 24 hours after uterine artery embolization (UAE) for severe post partum haemorrhage (PPH): are there predictive factors?
S. Bros, P. Chabrot, A. Kastler, A. Diop, L. Cassagnes, A. Ravel, D. Gallot, L. Boyer; Clermont Ferrand/FR
- P-178 The vascular anatomy of the female pelvis artery and optimal projection angle to evaluate a uterine artery furcation: investigation with 3D-CT
S. Kanasaki¹, A. Furukawa¹, M. Wakamiya¹, N. Kono¹, A. Sonoda¹, T. Tanaka², N. Nitta², K. Murata²; ¹Shiga/JP, ²Otsu/JP
- P-179 Uterine artery embolization for intractable postpartum hemorrhage and disseminated intravascular coagulation even after hysterectomy
S.Y. Whang¹, S.B. Cho¹, D.J. Sung¹, S.C. Hong¹, Y.T. Kim¹, Y.H. Kim¹, J.M. Cho², S.H. Paik³; ¹Seoul/KR, ²Jinju, Gyeongsangnam-do/KR, ³Bucheon-si, Gyeonggi-do/KR
- P-180 Long-term outcome of uterine fibroid embolization
J.M. Pisco, M. Duarte, T. Bilhim, H.A.M. Rio Tinto, A.G. Oliveira; Lisbon/PT
- P-181 Emergency endovascular treatment of obstetric and gynaecological hemorrhages: review of 57 cases
M. Sanchez-Ballarín, A. Laborda, J. Bosch, J. Medrano, A. Mainar, P. González, M.A. De Gregorio; Zaragoza/ES

Educational Posters

- P-182 Uterine artery embolization for the treatment of adenomyosis
M. Popovic, S.B. Puchner, D. Berzaczy, J. Lammer, R.A. Bucek; Vienna/AT
- P-183 Assessment of early therapeutic response during ultrasound-guided high intensity focused ultrasound for uterine fibroids: utility of intraprocedural contrast-enhanced ultrasonography
G. Orgera, L. Monfardini, P. Della Vigna, G. Bonomo, F. Orsi; Milan/IT
- P-184 Contrast enhanced ultrasonography: the technique of choice to follow-up uterine artery embolization
P. Bermudez, J. Falco, J.R. Fortuño, A. Alguersuari, J. Branera, J. Perendreu; Sabadell/ES

Case Reports

- P-185 Aberrant ovarian and uterine feeding from the renal artery at the end of gestation: two case reports
J. Bensalah, E. Dumouset, L. Cassagnes, J. Niro, A. Ravel, D. Gallot, L. Boyer; Clermont Ferrand/FR
- P-186 Radiofrequency ablation of abdominal wall endometrioma
C. Pellegrino, F. Fontana, M. Mangini, F. Piacentino, F.A. Vizzari, M. De Chiara, D. Laganà, G. Carrafiello, C. Fugazzola; Varese/IT
- P-187 Hysteroscopic resection following uterine artery embolization
M. Reiter, M. Huber, C. Neudecker, M. Graßberger, G. Sliutz, D. Tscholakoff; Vienna/AT
- P-188 Arterial embolization for management of anticipated massive obstetrical hemorrhage in a patient with placenta previa and dead fetus
J.H. Kim; Incheon/KR

Imaging

Scientific Posters

- P-189 Performance of cone-beam CT with flat-panel detector digital angiography system in the depiction of hypervascular hepatocellular carcinoma
O. Ikeda, Y. Nakasone, Y. Tamura, T. Beppu, H. Baba, Y. Yamashita; Kumamoto/JP
- P-190 The relationship between the internal jugular vein and common carotid artery in the carotid sheath: the effects of age, gender and side
A. Shakeri Bavi¹, M.M. Shoja¹, M. Ardan¹, R.S. Tubbs², M. Loukas³, S. Vahedinia¹, R. Jabbari¹, M. Jalilvand¹; ¹Tabriz/IR, ²Birmingham/US, ³Grenada, MS/US
- P-191 Suspected renal artery transplant stenosis: the role of magnetic resonance angiography
K. Steiner, J. Harris, S. Stuart, N. Woodward, A. Goode, N. Davies, A. Papadopoulou; London/UK
- P-192 Perfusion CT assessment of rectal cancer
K.W. Lui, K.K. Ng; Tao Yuan/TW
- P-193 The evaluation of inferior vena caval hemodynamics by magnetic resonance imaging
J. Koizumi, T. Horie, K. Yamamoto, I. Muro, K. Kuroda; Isehara/JP
- P-194 Small hypochoic nodules in cirrhotic patients with previously treated HCC: analysis of „non-enhancing nodules at contrast-enhanced-US“
L. Tarantino¹, I. Sordelli², A. Schiano¹, G. Francica³, F. Sabbatino²; ¹Frattamaggiore/IT, ²Naples/IT, ³Casoria/IT
- P-195 Feasibility of power contrast injections and bolus triggering in oncologic patients with totally implantable venous access ports of the forearm
J.P. Goltz, C.O. Ritter, D. Hahn, R. Kickuth; Würzburg/DE
WITHDRAWN
- P-196 Assessment of carotid artery plaque enhancement with dual energy CT angiography
C. Thomas, A. Korn, I. Tsiflikas, D. Ketelsen, C.D. Claussen, M. Heuschmid; Tübingen/DE

- P-197 Chest CT findings and clinical findings as risk and predictive factors for prognosis in acute pulmonary embolism
S.S. Shim, Y.J. Ryu, Y. Kim, J.Y. Hwang; Seoul/KR
- P-198 The culprit lesion and its consequences: combined visualization of the coronary arteries and delayed myocardial contrast enhancement in dual source CT
A.H. Mahnken¹, P. Bruners¹, A. Hennemuth², O. Friman²; ¹Aachen/DE, ²Bremen/DE
- P-199 Evaluation of aortic root for preoperative planning using high pitch acquisition: is ECG-gating necessary?
T.D.L. Nguyen, S. Baumueller, R. Goetti, M. Lachat, T. Pfammatter, T. Frauenfelder; Zürich/CH
- P-200 Contrast-enhanced magnetic resonance angiography for detection of reperfused pulmonary arteriovenous malformations after coil embolization in patients with hereditary hemorrhagic telangiectasia
A. Massmann, M. Schreiber, P. Fries, U.W. Geisthoff, A. Buecker, G. Schneider; Homburg/DE
- P-201 Utility of cardiac MRI in right ventricular functions evaluation in health and disease
M.K. Meena, S. Sharma, G. Gulati, P. Jagia, A.K. Gupta, A. Saxena; New Delhi/IN
- P-202 Image quality and radiation exposure at computed tomography angiography of the supraaortic arteries with 80 or 120 kVp protocol
D. Beitzke, R. Nolz, G. Edelhauser, R.E. Scherthaner, C. Plank, F. Wolf, J. Lammer, C.M. Loewe; Vienna/AT
- P-203 Aortic neck dilation after endovascular abdominal aortic aneurysm repair: should be predicted?
R. Jezzi, C. Di Stasi, R. Dattesi, F. Pirro, F. Snider, L. Bonomo; Rome/IT
- P-204 Use of image fusion and navigation system in non-vascular percutaneous thoracic and abdominal interventional radiology procedures
M. Guimaraes, R. Uflacker, C. Schonholz, B. Selby Jr., C. Hannegan; Charleston, SC/US
- P-205 New challenge of coronary-CT on Tako-Tsubo cardiomyopathy
G.P. Feltrin, M.V. Guzzetta, G. Vaccari, G. Guzzetta, G. Rosa; Padova/IT
- P-206 The role of genetic factors in the carotid arteries atherosclerosis: work in progress
F. Fanelli, M.F. Giannoni, E. Boatta, P. Lucatelli, C. Zini, A. Tarnoki, D. tarnoki, R. Passariello; Rome/IT
WITHDRAWN
- P-207 Contrast enhanced high-resolution 3T MR angiography for the evaluation of pulmonary arterial anatomy in neonates with complex congenital heart disease
J.M. Moriarty, K. Nael, P. Abbona, P. Renella, G. Satou, J.P. Finn; Los Angeles, CA/US

Educational Posters

- P-208 Peripheral MR angiography: a pictorial review of artefacts mimicking pathology and pitfalls in interpretation
N. Goyal¹, S.K. Agarwal²; ¹Cardiff/UK, ²Wrexham/UK
- P-209 Contrast-enhanced ultrasound in the follow-up of patients after endovascular abdominal aortic aneurysm repair (EVAR): a pictorial review
R. Jezzi¹, A.R. Cotroneo², F. Pirro¹, R. Dattesi¹, M.L. Storto², L. Bonomo¹; ¹Rome/IT, ²Chieti/IT
- P-210 Multi-detector row CT angiographic imaging of lower extremity vascular disease: a pictorial review
R. Jezzi, M. Nestola, F. Pirro, R. Dattesi, L. Bonomo; Rome/IT
- P-211 Percutaneous interventions in non-axial bone metastasis: how to maximize image guidance with new software
O. Pellerin, L. Bellmann, S. Oudard, M.R. Sapoval; Paris/FR
- P-212 Dual source, dual energy MDCT angiography in peripheral artery disease
K. Kichikawa, S. Kitano, W. Higashiura, S. Ichihashi, H. Ito, T. Maekura, S. Sakaguchi; Kashihara/JP
- P-213 Low-flow and high-flow vascular malformation: is angiography always necessary?
A. Ianniello¹, G. Carrafiello², G. Angeretti², P. Nicotera¹, R. Mattassi¹, A. Cazzulani¹, C. Fugazzola²; ¹Garbagnate Milanese/IT, ²Varese/IT
- P-214 Deep venous anomalies in congenital vascular malformations of venous predominance: what you need to know
A. Ianniello, P. Nicotera, M. Vaghi, L. Boccalon, R. Mattassi, A. Cazzulani; Garbagnate Milanese/IT

Case Reports

- P-215 Two cases of small bowel obstruction secondary to haematomas following open abdominal aortic aneurysm repair
N. Goyal¹, V.W. Jones², S.K. Agarwal²; ¹Cardiff/UK, ²Wrexham/UK
- P-216 Radio-pathological correlation of non-secreting juxtacardiac paraganglioma
L.I. Hristova, V. Laurent, D. Mandry, D. Regent; Nancy/FR
WITHDRAWN
- P-217 Reversal early enhancing hepatic pseudolesion in a patient with SVC obstruction
R. Guerrero, J. Villalba, I. Corcuera, A. Tomasello, X. Salvador, J.E. Otero; Barcelona/ES
- P-218 Venturi- and steal-effect of the superior mesenteric artery causing abdominal angina
P. Minko, A. Massmann, A. Buecker, M. Katoh; Homburg/DE
- P-219 An unusual cause of leg pain: peroneal vein aneurysm
O.V. Abeyakoon, A.A. Alvi, P. Gaines; Sheffield/UK
- P-220 Large superior mesenteric vein aneurysm: indications for conservative management versus endovascular or surgical repair
T.M. Loper, D. Johnson, II, T. Truong, J.-H. Vu, D.A. Siragusa, J. Matteo; Jacksonville, FL/US
WITHDRAWN
- P-221 An accessory renal artery pass through the diaphragmatic crus
C.C. Baskim, M. Saglam, E. Kizilkaya; Istanbul/TR
- P-222 Coconut in a lung cancer patient
P.-Y. Marcy¹, F. Civaia², P. Rossi², S. Rusek², V. Dor²; ¹Nice/FR, ²Monaco/MC

Neuro and carotid intervention

Scientific Posters

- P-223 Results of intra-arterial lysis in acute occlusion of the central retinal artery
C. Vockelmann¹, K. Matyssek², A. Ranft², K. Mathias²; ¹Mülheim a.d. Ruhr/DE, ²Dortmund/DE
- P-224 Supra-selective ophthalmic artery catheterization followed by intra-arterial chemotherapy with melphalan: an alternative to enucleation in cases of advanced intraocular retinoblastoma
P. Mosimann, F. Munier, M. Beck-Popovic, A. Uské, R. Meuli, S. Binaghi; Lausanne/CH
WITHDRAWN
- P-225 Combined intra arterial thrombolysis and mechanical desobstruction in acute ischemic stroke
L. Ikka, F. Boujan, M. Habashy, V. Lauer, A. Modreanu, C. Jahn, L. Mertz, V. Wolff, P. Kehrl, J. Thiranos, C. Marescaux, R. Beaujeux; Strasbourg/FR
- P-226 Symptomatic atherosclerotic middle cerebral artery stenosis treatment with self-expandable intracranial stents: single center experience
R. Gandini, F. Massari, E. Pampana, C. Del Giudice, C.A. Reale, G. Simonetti; Rome/IT
- P-227 Carotid artery stenting in Japanese population: 10-year clinical and radiological follow-up
K. Takayama¹, K. Myouchin¹, H. Nakagawa², T. Wada², K. Kichikawa², S. Kurokawa¹; ¹Yao/JP, ²Kashihara/JP
- P-228 Preliminary experience with the percutaneous embolization of paragangliomas at the carotid bifurcation using only Onyx
J.J. Gemmete, N. Chaudhary, A. Pandey, S. Ansari; Ann Arbor, MI/US
- P-229 Neuroform stent-assisted coiling of intracranial aneurysms: 5 year single center experience with angiographic and clinical results
G.F. Santamaría, J. Blasco, L. San Román, A. Tomasello, J.M. Macho; Barcelona/ES
- P-230 Follow-up after stent-assisted coiling: a comparative study on the efficacy of MRA, CTA and DSA
A. Kovacs, M. Möhlenbruch, S. Greschus, M. Seifert, H. Clusmann, R. Kristof, K. Wilhelm, H. Urbach; Bonn/DE

Educational Posters

- P-231 FDA approved carotid stent systems
A. Figi, H. Ferral; Chicago, IL/US
- P-232 Endovascular treatment of acute basilar artery thrombosis: what is the evidence?
A. Mortimer; Bristol/UK

Case Reports

- P-233 Progressive symptomatic carotid dissection treated with multiple stents: a case report
B. Dorobat, R.P. Nechifor, F. Antochi, C. Nica, O. Bajenaru, G. Iana; Bucharest/RO
- P-234 Common carotid pseudoaneurysm complicating central IV line placement: treatment with stent-graft deployment
P.A. Santos¹, M.R. Casal¹, C.R. Neches², E.B. Seoane², L.V. Dominguez², S.P. Cea², A. Fabbriatore²; ¹Porto/PT, ²Vigo/ES
- P-235 A very large carotid cavernous fistula treated with two endovascular stent-grafts
R.P. Nechifor, B. Dorobat, F. Antochi, P. Patrascu, G. Iana; Bucharest/RO
- P-236 Bilateral internal carotid artery thrombectomy in a young patient with a stroke of unknown etiology
B. Dorobat, R.P. Nechifor, A. Craciunoiu, F. Antochi, O.M. Romanitan, G. Iana; Bucharest/RO
- P-237 Two-step preoperative embolization of Shamblin III carotid body tumor using PVA microspheres
U. Akinfeyev, I. Belatsarkouski, V. Dudarau, M. Vozmitel; Minsk/BY
- P-238 Identification of intraluminal embolic plaque material during CAS by use of virtual histology-IVUS
R. Gandini, M. Chiocchi, S. Fabiano, F. Fucci, G. Simonetti; Rome/IT
- P-239 Endovascular repair of traumatic pseudoaneurysm of the common carotid artery
R.B. Soares, A.A. Pereira, A.H. Pereira, M.A. Grütner, F.D.S. Canani, M.F. Rossi; Porto Alegre/BR
- P-240 Paradoxical embolus to the brain from embolization of a carotid body tumor
J.J. Gemmete¹, N. Chaudhary¹, A. Pandey¹, S. Ansari²; ¹Ann Arbor, MI/US, ²Chicago, IL/US
- P-241 Report of two cases of a trigeminocardiac reflex during percutaneous embolization of a juvenile angiofibroma with ethylene vinyl alcohol (onyx)
J.J. Gemmete¹, N. Chaudhary¹, A. Pandey¹, S.A. Ansari²; ¹Ann Arbor, MI/US, ²Chicago, IL/US
- P-242 Successful thrombus aspiration for embolic complication during carotid artery stenting intervention
M. Citone, M. Rossi, A. Rebonato, P. Venneri, G.M. Varano, V. David; Rome/IT

Oncologic intervention**Scientific Posters**

- P-243 X-per-guide guidance in lung biopsy of large nodules
M. Dizonno, F. Fontana, M. Mangini, F. Piacentino, M. De Chiara, M. De Bon, D. Laganà, G. Carrafiello, C. Fugazzola; Varese/IT
- P-244 Radiofrequency thermal ablation (RFA) in inoperable stage I lung cancer: experience of the Thoracic Pathology Group – Treviso General Hospital
L. Cancian, P. Lucernoni, A. Dorigo, F. Farneti, D. Barbisan, G. Balestriero, G. Morana; Treviso/IT
- P-245 Complications of image-guided transcatheter hepatic chemoembolization of primary and secondary tumors of the liver
G. Poggi, P. Quaretti, E. Pozzi, A. Amatu, S. Tonini, B. Montagna, B. Tagliaferri, F. Sottotetti, A. Azzaretti, G. Bernardo; Pavia/IT
- P-246 TACE with doxorubicin eluting beads (HEPASPHERE™): results and comparison with historical personal series of standard TACE
M. Grosso, F. Pedrazzini, A. Antonietti, A. Balderi, L. Donato, L. Ferro, E. Peano; Cuneo/IT

- P-247 Transarterial chemoembolization on ambulatory regimen at a liver transplantation center
F. Nasser, B.B. Affonso, S.G. de Jesus Silva, D.D.O. Coelho, J.C. de Campos, R. Mascaro Júnior, S.P. Meira Fo, R.C. Afonso, M.B. Rezende, B.-H.D.E. Ferraz Neto; São Paulo/BR
- P-248 Necrotic pathologic review in hepatocellular carcinoma (HCC) patients after transarterial chemoembolization (TACE)
D. Pérez Enguix, R. García, H. Montes, M. Lloret Larrea, J.L. Longares, J.M. Rayón Martín; Valencia/ES
- P-249 Radiofrequency ablation of lung metastases arising from sarcoma
J. Palussière, A. Italiano, S. Ferron, F. Cornelis, E. Descat, A. Avril, B. Bui; Bordeaux/FR
- P-250 Sequential temperature mapping in MR-guided radiofrequency ablation: prediction of the coagulation zone using different temperature cut-off levels
H. Rempff¹, S. Clasen¹, A. Buck¹, D. Schmidt¹, C.D. Claussen¹, F. Schick¹, P.L. Pereira²; ¹Tübingen/DE, ²Heilbronn/DE
- P-251 Preliminary experience using live 3D guidance for radiology interventions
E. Descat, S. Ferron, J. Palussière; Bordeaux/FR
- P-252 High-intensity focused ultrasound for the treatment of localized and locally advanced hormone-resistant prostate cancer: 2,5-year outcome
V.A. Solovov, S.Y. Dvornikov, M.O. Vozdvizheskiy; Samara/RU
- P-253 CT-guided percutaneous microwave ablation (MWA) in pulmonary metastases from breast carcinoma
K. Stathopoulos, V. Georgiadi, E. Sotiropoulou, E. Volioti, M. Kelogrigoris, P. Tsagouli, L. Thanos; Athens/GR
- P-254 Angiographic classification of branching of the external carotid artery as an anatomical guide of intraarterial infusion chemotherapy of head and neck cancer and its use for development of a coaxial catheter system
H. Tanaka, M. Takahashi, T. Shizukuishi, N. Ishibashi, S. Fukushima, T. Yoshinobu, K. Abe; Tokyo/JP
- P-255 Comparing the detectability of hepatocellular carcinoma by contrast-enhanced MRI and dual-phase cone-beam CT during TACE: preliminary results
R. Loffroy, M. De Lin, J.-F.H. Geschwind; Baltimore, MD/US
- P-256 Comparative study of cisplatin-iodized oil suspension and emulsion in rabbit VX2 liver tumor by transcatheter arterial chemoembolization
T. Mine, S. Murata, T. Ueda, S. Onozawa, M. Onda, Z. Naito, S. Kumita; Tokyo/JP
- P-257 Retrograde-outflow isolated hepatic perfusion without laparotomy in a pig model
S. Murata, S. Onozawa, T. Mine, T. Ueda, S. Kumita, T. Kumazaki; Tokyo/JP
- P-258 Diagnostic yield of 16-G core needle biopsy under three-slice CT fluoroscopic guidance of paraaortic lesions: how many specimens is enough to diagnose?
M. Inoue, S. Nakatsuka, N. Ito, K. Matsumoto, S. Hashimoto, S. Kuribayashi, S. Okamoto; Tokyo/JP
- P-259 Superselective radioembolization of the porcine kidney with yttrium-90 resin microspheres: a feasibility, safety and dose-ranging study
S. Mackie¹, S. de Silva², P. Aslan², L.A. Ladd³, M. Houang², D. Cade², W. Delprado²; ¹Edinburgh/UK, ²Sydney, NSW/AU, ³Wagga Wagga, NSW/AU
- P-260 Transarterial management of advanced lung cancer
S. Hori, N. Seiji, E. Sugihara, A. Seki, K. Kobayashi, A. Hori; Izumisano, Osaka/JP
- P-261 Transperitoneal radiofrequency ablation of renal masses: a risky approach?
A. Veltri, M. Busso, I. Garetto, P. Sacchetto, F. Avogliero, M. Arnò; Orbassano/IT
- P-262 Effectiveness of hepatic RFA in the caudate lobe: a technical issue?
A. Veltri¹, C. Gazzera², M. Busso¹, P. Sacchetto¹, F. Avogliero¹, E.M. Laugelli¹; ¹Orbassano/IT, ²Turin/IT

- P-263 Embolization in combination with radiofrequency ablation in porcine kidneys in-vivo: effect of small and narrowly calibrated microparticles as embolization material on lesion geometry
C.M. Sommer¹, N. Kortess¹, S. Zelzer¹, F.U. Arnegger¹, U. Stampfl¹, C. Mogler¹, H.P. Meinzer¹, G.M. Richter², H.U. Kauczor¹, B.A. Radeleff¹; ¹Heidelberg/DE, ²Stuttgart/DE
- P-264 Endovascular placement of iodine-125 seeds strand and stent combined with TACE for treatment of HCC with tumor thrombus in main portal vein
J. Luo; Shanghai/CN
- P-265 The diagnostic accuracy of cone-beam CT during chemoembolization for hepatocellular carcinoma: comparison with intravenous bolus injection CT
H. Higashihara, K. Osuga, H. Onishi, A. Nakamoto, T. Tsuboyama, N. Maeda, M. Tatsumi, M. Hori, T. Kim, K. Tomoda; Osaka/JP
- P-266 Percutaneous radiofrequency ablation of renal tumors in patients with von Hippel-Lindau disease: preliminary results
B.K. Park, Y.-S. Do, C.K. Kim; Seoul/KR
- P-267 High-Frequency Jet Ventilation (HFJV) for CT-guided navigation of percutaneous hepatic and renal RFA: a feasibility study
S. Abderhalden, P. Biro, L. Hechelhammer, R. Pfiffner, T. Pfammatter; Zürich/CH
- P-268 Y90 liver radioembolization as consolidation treatment after 1st-line chemotherapy (CxT) for liver metastases from colorectal cancer (mCRC)
M.L. Diaz, J.I. Bilbao, B. Sangro, A. Chopitea, J. Rodriguez, M. Iñarrairaegui, M. Rodriguez, M. Ponz; Pamplona/ES
WITHDRAWN
- P-269 Embolization of the gastroduodenal artery prior to selective internal radiotherapy: a prospectively randomized trial comparing standard pushable coils with fibered interlock detachable coils
O. Dudeck, K. Bulla, G. Wieners, R. Rühl, O. Grosser, H. Amthauer, J. Ricke, M. Pech; Magdeburg/DE
- P-270 Prevention of groin bleeding during arterial port implantation with the use of the suture-mediated closure system perclose ProGlide: a prospectively randomized comparison of implantation techniques
O. Dudeck, G. Wieners, M. Pech, J. Ricke; Magdeburg/DE
- P-271 Computed tomography-guided interstitial HDR-brachytherapy of the liver in patients with intrahepatic cholangiocarcinoma
D. Schnapauff, C. Grieser, J. Banzer, P. Wust, E. Lopez-Hänninen, T. Denecke, B. Gebauer; Berlin/DE
- P-272 Large hepatocellular carcinoma: treatment with transarterial embolisation combined with radiofrequency ablation
F. Piacentino, C. Pellegrino, F. Fontana, M. Mangini, M. De Chiara, F.A. Vizzari, G. Carrafiello, C. Fugazzola; Varese/IT
- P-273 Nitrous oxide inhalation decrease pain during liver biopsy
M. Yssaad, E.M. Carvalho, F. Deschamps, L. Georges, M. Cachard, F. Munck, F. Pottier, G. Petrault, T. de Baère; Villejuif/FR
- P-274 Transarterial chemoembolization for hepatocellular carcinoma: drug-eluting-bead TACE (DEB TACE) versus TACE with cisplatin/lipiodol (cTACE)
P. Wiggermann, T. Brauer, C. Brosche, C. Stroszczyński; Dresden/DE
- P-275 Impact of initial disease burden on the results of Y-90 radio-embolization of neuro-endocrine liver metastases
D.A. Valenti, A. Khankan, M. Hassanain, P. Chaudhury, M. Aljiffry, I. Feteih, J. Rivera, M. Jamal, N. Kongkaewpaisarn, T. Cabrera, C.I. Torres, L.-M. Boucher, R. Lisbona, P. Metrakos; Montreal, QC/CA
- P-276 Ultrasound-guided high intensity focused ultrasound (USgHIFU) for treating advanced pancreatic cancer: assessment of local tumor response and clinical results
G. Orgera¹, L. Zhang², G. Bonomo¹, L. Monfardini¹, P. Della Vigna¹, F. Orsi¹; ¹Milan/IT, ²Chongqing/CN
- P-277 Robotic-assisted lung biopsy: a preliminary experience
G. Luppi, E. Faiella, C. Piccolo, R. Augelli, R.L. Cazzato, R.F. Grasso, B. Beomonte Zobel; Rome/IT
- P-278 Morbidity and mortality following transarterial liver chemoembolization in patients with hepatocellular carcinoma and hepatic dysfunction
E. Garwood, N. Fidelman, R.K. Kerlan, Jr.; San Francisco, CA/US

- P-279 Effect of localized interstitial brachytherapy of liver malignancies on total liver function capacity
G. Brinkhaus, J. Banzer, P. Wust, M. Stockmann, J.F. Lock, A. Kalthoff, M. Malinowski, B. Gebauer; Berlin/DE
- P-280 Transarterial embolization with N-butyl cyanoacrylate for severe arterioportal shunts complicated with hepatocellular carcinoma
H.-B. Shi, Z.-Q. Yang, S. Liu, W.-Z. Zhou, L.-S. Li; Nanjing/CN
- P-281 CT-guided radiofrequency ablation for hepatocellular carcinoma underneath the diaphragm: safety and efficacy of artificial pneumothorax
H. Fujiwara, Y. Arai, Y. Takeuchi, M. Takahashi, N. Sakamoto; Tokyo/JP
- P-282 Improved survival in hepatocellular carcinoma patients with low clip scores and liver-directed therapies: retrospective single institution study
R. Uflacker, S. Cole, M. Thomas; Charleston, SC/US
- P-283 Mid-term results of lipiodol and 5-fluorouracil chemoembolization of main rectal arteries in some patients with loco-regional rectal cancer
M. Olshanskiy, N. Korotkih, I. Timoshin; Voronezh/RU
- P-284 Segmental transcatheter arterial chemoembolization for hepatocellular carcinoma: is it safe and effective even in the elderly?
H. Anai, S. Takagi, H. Sakaguchi, S. Sueyoshi, H. Nishiofuku, T. Tanaka, K. Yamamoto, K. Morimoto, H. Uchida, K. Kichikawa; Kashihara/JP
- P-285 Long-term results of repeated loco-regional treatments in cirrhotic patients with hepatocellular carcinoma highly compliant to scheduled follow-up
L. Tarantino¹, F. Sabbatino², I. Sordelli², C. Ripa¹, M. Perrotta¹, M. Celiento¹, O. Tambaro¹, G. Cuccorese¹, V. Nocera¹, M. Caraglia², S. Del Prete¹, P. Sperlongano²; ¹Frattamaggiore/IT, ²Naples/IT
- P-286 Adjuvant chemotherapy to prevent early hepatic metastasis after resection for pancreatic cancer: does hepatic arterial infusion chemotherapy play a benefit role for the pancreatic cancer?
H. Nishiofuku¹, H. Anai¹, T. Tanaka¹, S. Sueyoshi¹, M. Sho¹, S. Ichihashi¹, T. Masada¹, Y. Nakajima¹, H. Sakaguchi², K. Kichikawa¹; ¹Kashihara/JP, ²Ikoma-gun/JP
- P-287 A novel cone-beam CT-guided targeting system (XperGuide) for biopsy of small renal masses: first clinical experience
S. Kroeze, W. Veldhuis, R. Bosch, P. van Diest, M. van den Bosch; Utrecht/NL
- P-288 Long-term results of MR-guided radiofrequency ablation of liver metastases
J. Kettenbach¹, H.C. Mueller¹, M.B. Scherthaner², J. Lammer²; ¹Bern/CH, ²Vienna/AT
- P-289 The efficacy of transarterial radioembolization in hepatocellular carcinoma: effect on total tumor volume and patient survival at a single center
J. Emamaullee, S. Tan, R. Gullipalli, A. Montana-Loza, C. Toso, A.J. Shapiro, R.J. Owen; Edmonton, AB/CA
- P-290 Transarterial chemoembolization can decrease the activity of poly(ADP-ribose) polymerase-1 and prolong survival of patient with hepatocellular carcinoma
L. Maoquan; Shanghai/CN

Educational Posters

- P-291 Imaging of extrahepatic blood supply to hepatocellular carcinoma and its impact on transarterial therapy
A. Khankan¹, T. Al-Hazmi², I. Kam Nakch³, F. Aris³, D. Valenti³, M. Almoaiqeel¹; ¹Riyadh/SA, ²Jeddah/SA, ³Montreal, QC/CA
- P-292 US-guided high-intensity focused ultrasound of bone and soft tissues metastases: early clinical experience in palliation of chronic pain
G. Orgera, G. Bonomo, P. Della Vigna, L. Monfardini, F. Orsi; Milan/IT
- P-293 Current role of interventional radiology in metastatic kidney tumours
F.A. Vizzari, G. Xhepa, A. Di Massa, F. Fontana, G. Carrafiello, C. Fugazzola; Varese/IT

- P-294 Complications of microwave ablation, radiofrequency ablation and cryoablation in lung tumors
G. Xhepa, A. Di Massa, L. Nocchi Cardim, M.E. Colosimo, M. Mangini, G. Carrafiello, C. Fugazzola; Varese/IT
- P-295 Microwave ablation beyond the liver
E. Cotta, F.A. Vizzari, M. Mangini, F. Fontana, D. Laganà, G. Carrafiello, C. Fugazzola; Varese/IT
- P-296 Current state of imaging-based therapy monitoring in MR-guided radiofrequency ablation
H. Rempp¹, S. Clasen¹, C. Schraml¹, D. Schmidt¹, S. Miller¹, C.D. Claussen¹, P.L. Pereira²; ¹Tübingen/DE, ²Heilbronn/DE
- P-297 Management of hepatic malignancy with a minimally invasive approach: what every interventionist trainee needs to know
J.A. Lemos¹, C.O. Hampson², K.E. Najarian¹, J.T. Shields¹, C.S. Morris¹, W. Pace¹, A.D. Bhawe¹; ¹Burlington, VT/US, ²Providence, RI/US
- P-298 Usefulness of catheter directed intra-arterial CT hepatic angiography using a hybrid angiography-computed tomography system in radio-embolization of hepatocellular carcinoma
F.G. Irani, K.H. Tay, R. Lo, M. Taneja, L.S. Khoo, M. Burgmans, T. Teo, B.S. Tan; Singapore/SG
- P-299 Progress in the development of Aptocine™ (talaporfin sodium): a new light-activated drug in oncology
S.-S. Wang; Bellevue, WA/US
- P-300 Percutaneous renal tumor ablation: radiofrequency or cryoablation?
X. Buy, J. Garnon, G. Tsoumakidou, H. Lang, A. Gangi; Strasbourg/FR
- P-301 Multimodality imaging follow-up following radiofrequency ablation (RFA) of lung tumours: a pattern based approach
S. Roy-Choudhury, M. Djearaman, M. Malaki, M. Kalkat, G. Raghuraman; Birmingham/UK

Case Reports

- P-302 Contrast enhanced ultrasound guided radiofrequency ablation of renal cell carcinoma in two separate renal transplant recipients
G. Weir, D. Liu, S. Ho, M. Nigro, A. Harris; Vancouver, BC/CA
- P-303 Spirotome macrobiopsy in head and neck cancer
J.P. Janssens; Hasselt/BE
WITHDRAWN
- P-304 Adenovirus-mediated p53 gene therapy combined with TACE for treatment of metastatic liver cancer induced acute severe hepatitis
F. Li, F. Wang, D. Ji; Dalian/CN
- P-305 Cardiac embolization of thoracic fiducial markers
N. Waddell, A. Balius; Knoxville, TN/US
- P-306 Transarterial chemoembolization of HCC supplied by short gastric artery
U.B. Jeon¹, C.W. Kim², M. Cho¹, K.T. Yoon¹, J.W. Lee¹; ¹Yangsan/KR, ²Pusan/KR
- P-307 Transbronchial embolization bronchopleural fistula after radiofrequency ablation lung tumor
A.V. Skupchenko, A.V. Lysenko, D.G. Korolev, O.L. Koroleva, D.A. Skobeltsov; Samara/RU
- P-308 Treatment of malignant tracheal carinal stenosis with a new designed Y metal stent delivery system under fluoroscopic guide
Z.-Q. Yang, H.-B. Shi, S. Liu, L.-S. Li; Nanjing/CN
- P-309 Pancreatic tumor intraoperative radiofrequency ablation as palliative treatment and pain relief strategy
M. Citone, A. Rebonato, M. Rossi, V. David; Rome/IT
- P-310 Percutaneous radio-frequency ablation of parathyroid adenoma
T. Julio, R.G. Gobbo, M.R. Menezes; Sao Paulo/BR

Others

Scientific Posters

- P-311 Nasolacrimal stenting: results of medium-term follow-up in a prospective study with Wilhelm type stent
J. Ciampi Dopazo, C. Lanciego, S. Navarro, J. Velasco, M. Perea, L. García-García; Toledo/ES
- P-312 Male internal iliac and prostatic artery anatomy: imaging findings
T. Bilhim, J.M. Pisco, M. Duarte, H.A.M. Rio Tinto, J. O'Neill; Lisbon/PT
- P-313 Effectiveness of ultrasound (US) directed compression in achieving hemostasis during US guided percutaneous kidney and liver biopsies
M.O. Alotaibi¹, J. Shrouder-Henry², J. Amaral¹, M. Temple¹, D.A. Parra¹, P. John¹, B. Connolly¹; ¹Toronto, ON/CA, ²Washington, MD/US
- P-314 The role of multidetector computed tomography and digital subtraction dacriocystography in the evaluation of nasolacrimal duct pathologies
M. Gumus, S. Karaköse, N. Karakose, S. Gumus, N. Zengin; Konya/TR
- P-315 Problems in VATS marker placement under CT fluoroscopic guidance
F. Toshima, T. Minami, K. Kosaka, Y. Ryu, W. Kouda, S. Kobayashi, J. Sanada, T. Gabata, O. Matsui; Kanazawa/JP
- P-316 Study for prevalence of peripheral vascular diseases by screening test for old male population in Korea
J.Y. Kim, Y.S. Jeon, S.G. Cho, K.C. Hong; Incheon/KR
- P-317 Percutaneous tract creation between various hollow organs: a feasibility study using swine
S. Kariya, N. Tanigawa, A. Komemushi, M. Nakatani, R. Yagi, S. Suzuki, S. Sawada; Hirakata Osaka/JP
- P-318 Percutaneous imaging-guided mediastinal lymph node core biopsy: techniques and complications
M. Mizandari, G. Nemsadze, G. Spanderashvili, D. Magalashvili; Tbilisi/GE
- P-319 Image-guided percutaneous thermal energy ablation for hormonally active adrenal adenomata: early experience
D.J. Breen, T.J. Bryant, N. Railton, N. McGill, A. Nasruddin, D. Sandeman; Southampton/UK
- P-320 Use of closure device in the retrograde femoral access: evaluation of two different systems
F. Fanelli, M. Corona, E. Boatta, P. Lucatelli, M. Allegritti; Rome/IT
- P-321 Music in interventional radiology: a randomised study
S. Kulkarni, P. Johnson, S. Kettles, R. Kasthuri; Glasgow/UK

Educational Posters

- P-322 Web based cross-sectional cardiac anatomy atlas
B. Kovalenko, G. Muro, G. Marrinan; Bridgeport, CT/US
- P-323 Pudendal arteriography in trauma patients
C. Kaufman, N.-K. Kabutey, R. Vilvendhan, T.K. Bathala, D. Kim; Boston, MA/US
- P-324 Interventional radiology handling of complications in pediatric patients after liver transplantation: a pictorial essay
A. Alvarez Luque, A. Alvarez Muelas, J. Novo Torres, I. Acitores Suz, T. Hernandez Cabrero, G. Garzon Moll; Madrid/ES
- P-325 Inferior petrosal sinus sampling technique and rationale
J.J. Gemmete, N. Chaudhary; Ann Arbor, MI/US

Case Reports

- P-326 Retrieval of a ruptured pacemaker lead severely fixed in the right ventricle
A. Sato¹, H. Rikimaru¹, H. Hama¹, K. Majima², T. Ishibashi¹, ¹Sendai/JP, ²Fukushima-ken/JP
- P-327 Electrochemical lysis of benign vascular tumour of a thorax
V. Kosyrev, B. Dolgushin, V. Sholohov, S. Khatyrev; Moscow/RU
- P-328 Acute subocclusion of sinus node artery during coronary angioplasty: arrhythmological considerations
F. D'Ascenzi, A. Iadanza, V. Zacà, C. Pierli, S. Mondillo; Siena/IT

Peripheral vascular disease intervention

Scientific Posters

- P-329 Simultaneous antegrade and retrograde access by double balloon catheter for subintimal recanalization of peripheral arterial occlusion
I. Ikushima, Y. Iryo, A. Ishii; Miyakonojo/JP
- P-330 Hybrid treatment of innominate artery occlusion: our experience
M. Grosso, A. Balderi, F. Pedrazzini, A. Antonietti, E. Peano, L. Ferro, L. Donato; Cuneo/IT
- P-331 Comparison of ultrasound guided and fluoroscopic assisted antegrade common femoral artery puncture techniques
G.S. Goh, M.M. Slattery, D.M. McWeeny, A. Thakorlal, F. McGrath, M.F. Given, M.J. Lee; Dublin/IE
- P-332 Angiographic background of Allen's test in patients with peripheral artery disease
Z. Ruzsa¹, K. Tóth², I. Koncz², I. Varga³, B. Merkely¹, K. Hüttl¹; ¹Budapest/HU, ²Kecskemét/HU, ³Gyula/HU
- P-333 Angioplasty of distal anastomosis after infrainguinal by-pass grafting
J. Kesik, T. Zubilewicz, J. Wronski, P. Terlecki, A. Paluszkiewicz, S. Przywara, M. Feldo, M. Ilzecki; Lublin/PL
- P-334 Intraluminal recanalization of long infrainguinal chronic total occlusions using the Crosser system
R. Gandini, L. Boi, T. Volpi, D. Morosetti, E. Pampana, C.A. Reale, G. Simonetti; Rome/IT
- P-335 Retrograde transpopliteal approach for subintimal recanalization of SFA in patients with complex vessels anatomy
R. Gandini, L. Boi, C.A. Reale, A. Spinelli, D. Morosetti, A. Chiaravallotti, E. Pampana, G. Simonetti; Rome/IT
- P-336 Percutaneous balloon angioplasty of internal iliac artery stenosis for treatment of patients with buttock claudication
M.J. Arntz¹, E.P. Vonken², W.P. Mali², M. van den Bosch²; ¹Nijmegen/NL, ²Utrecht/NL
- P-337 Below the knee angioplasty: a single center experience
J. Urbano, A. Palomera, A. Alonso-Burgos, J.M. Cabrera; Madrid/ES
- P-338 Treatment follow-up after endovascular therapy of lesions of the superficial femoral artery: detection of in-stent restenosis by blood-pool agent enhanced high resolution steady-state magnetic resonance angiography
C. Plank, H. Langenberger, F. Wolf, D. Beitzke, R.E. Schernthaner, J. Lammer, C.M. Loewe; Vienna/AT
- P-339 Percutaneous closure with Abbotts StarClose device of inadvertent subclavian artery catheterization lesions
P. Goverde, P. Verbruggen; Antwerp/BE
- P-340 One year clinical outcomes of Misago-SX nitinol stent in the treatment of occluded lesions in superficial femoral or popliteal arteries
M. Åkesson¹, I. Kralj², M. Wierzoń³, S. Müller-Hülsbeck⁴, M. Bustamante⁵, J. Tacke⁶, B. Koznar⁷, L. Strindberg⁸, W. Ritter⁹, K.-L. Schulte¹⁰; ¹Malmö/SE, ²Karlsruhe/DE, ³Trinec/CZ, ⁴Flensburg/DE, ⁵Santander/ES, ⁶Passau/DE, ⁷Prague/CZ, ⁸Sundsvall/SE, ⁹Nürnberg/DE, ¹⁰Berlin/DE
- P-341 2-Year results after directional atherectomy of heavily calcified stenotic lesions of the lower limb
P. Minko, S. Jäger, A. Buecker, M. Katoh; Homburg/DE
- P-342 Percutaneous approach to severe ischemic hand disease: technical aspect and results
R. Gandini, L. Boi, V. Da Ros, C. Del Giudice, S. Fabiano, M. Stefanini, G. Simonetti; Rome/IT
- P-343 Endovascular revascularization for limb salvage in diabetic patients: procedural and clinical results
L. Boi, R. Gandini, M. Stefanini, C.A. Reale, A. Spinelli, C. Del Giudice, D. Konda, G. Simonetti; Rome/IT

Educational Posters

- P-344 Endovascular management of vascular complications after elective orthopaedic surgery: a case series
V. Shrivastava, N. Das, M. Bratby, S. Anthony, R. Uberoi; Oxford/UK
- P-345 Basics of safe femoral arterial puncture
A. Weller, H. Tam, M. Gonsalves, N. Wijesekera, G.J. Munneke, L. Ratnam; London/UK
- P-346 Revascularization in patients with diabetes and critical limb ischemia: results of 14 months follow-up
I.I. Sitkin, O.N. Bondarenko, L.P. Doronina, K.U. Pryakhina, M.V. Yaroslavtceva, G.R. Galstyan, I.I. Dedov; Moscow/RU
- P-347 Antegrade common femoral artery (CFA) and selective superficial femoral artery (SFA) ultrasound (US) guided puncture: technical aspects and tips and tricks
G. Cester, L.M. Palena, M. Marangotto, C. Brigato, E. Sultato, F. Kici, D. Barra, M. Manzi; Abano Terme/IT
- P-348 Arterial closure devices: the past, present and future
R. Suri, A. Albayati, D. Garg, J. Lopera, G. Kroma; San Antonio, TX/US

Case Reports

- P-349 Brachiofemoral pullthrough-assisted exclusion of a subclavian artery pseudoaneurysm with a Viabahn endoprosthesis
A. Chaudhuri, V. Vohra, N. Noor; Bedford/UK
- P-350 Pseudoaneurysm of the inferior gluteal artery (IGA) presenting in 3 months after major pelvic injury as sciatic nerve compression
M. Vavrova, T. Nytra; Ostrava/CZ
- P-351 Peripheral prosthetic graft „aneurysm“ treated by Viabahn endoprosthesis
R. Dey, G. Libertiny; Northampton/UK
- P-352 Endovascular management of a below knee high flow arteriovenous fistula caused by internal fixation of a long standing fracture of the tibia
G. Ananthkrishnan, P.J. Coates, R. Bhat, M. Flett; Dundee/UK
- P-353 Interventional treatment of an axillary artery pseudoaneurysm after resection of a paravascular desmoid tumour
L. Kamper, K. Meletiadis, S. Fraunhofer, P. Haage; Wuppertal/DE
- P-354 Brachial pseudoaneurysm in the neonate: a case report
D.A. Parra, R.M. Zuker, B.L. Connolly; Toronto, ON/CA
- P-355 Endovascular treatment of the middle aortic syndrome due to Takayasu's arteritis: a case report
F. Nasser, J.M. Motta-Leal-Filho, F.C. Carnevale, W.O. Sousa Junior, A.C.B. Santos, C.E. Zurstrassen, B.B. Affonso, A.M. Moreira, G.G. Cerri; São Paulo/BR
- P-356 Successful stent graft treatment for bilateral anastomotic iliac aneurysms
P. Scott, I. Chetter, D.F. Ettles, R. Lakshminarayan, G.J. Robinson; Hull/UK
- P-357 Recannulization of occluded popliteal stent with mechanical thrombectomy and embolic distal protection device
C. Kaufman, N.-K. Kabutey, T.K. Bathala, R. Vilvendhan, D. Kim; Boston, MA/US
- P-358 Circumflex iliac artery perforation: an unusual technical complication of lower limb arteriography
G. Rodriguez-Rosales, M. Echenagusia Boyra, A. Lopez-Casañas, F. Camuñez Alonso, G. Simó Muerza, A. Echenagusia Belda; Madrid/ES
- P-359 Percutaneous directional atherectomy for iliac in-stent restenosis: a tale of two stents
V. Shrivastava, M. Hart, N. Das, R. Uberoi; Oxford/UK

- P-360 Aneurysm of the posterior tibial artery: endovascular repair using a cardiological stentgraft
C. Plank, H. Langenberger, F. Wolf, C.M. Loewe, J. Lammer; Vienna/AT
- P-361 Cold leg? No lytics? No problem! Endovascular arterial declot without the use of lytics
T.M. Loper, J. Matteo; Jacksonville, FL/US
WITHDRAWN
- P-362 Successful management of vessel perforation during subintimal angioplasty by transmural coiling
K. Damodharan, A. Boliq; Leicester/UK
- P-363 Iatrogenic slow-flow arteriovenous fistula at the site of intraluminal balloon dilatation after femoral angioplasty: is it transvasal arteriovenous fistula?
S.H. Kim, G.M. Choi, B.S. Kim, J.K. Park, S.Y. Jeong; Jeju/KR
- P-364 Endovascular treatment of left subclavian artery pseudoaneurysm secondary to trauma, excluded by cardiatis multilayer stent
M. Santoro, A. Giammarino, C. Di Felice, D. Giancristofaro, D. Pascali, A.R. Cotroneo; Chieti/IT
- P-365 Superficial burn from application of the V+Pad to obtain hemostasis in an infant
J.J. Gemmete, N. Chaudhary; Ann Arbor, MI/US
- P-366 Giant subclavian aneurysm in a Turner syndrome
E.A. Mendaro¹, M. Menendez²; ¹Buenos Aires/AR, ²Concepcion Del Uruguay/AR
- P-367 Endovascular treatment for traumatic aorto-iliac AVF
E. Juliá Mollá, A. Martínez Monsalve, J.D. Molina Nuevo, A. Masegosa Medina, M.T. Capilla Montes, M.J. Pedrosa Jimenez, C. Fernandez Catalán; Albacete/ES
- P-368 Full length stenting of a chronically occluded femoro-popliteal bypass vein graft: a new concept of tertiary graft patency maintained at 3 year follow-up
J.R. Bottomley, H. Hussain; Sheffield/UK
- P-369 Percutaneous thrombin injection for treatment of ulnar artery pseudoaneurysm
J.-S. Choi¹, E.J. Ahn¹, T.-B. Shin², Y.H. Kim¹; ¹Daegu/KR, ²Jinju/KR

Radiation safety

Scientific Posters

- P-370 Evaluation of maximum entrance skin dose with radiochromic films on patients treated by transarterial chemoembolization (TACE) using lipiodol or drug eluting particles
L. D'Ercole, P. Quaretti, G. Poggi, A. Azzaretti, G. Rodolico, C. Massa Saluzzo, N. Cionfoli, M. Bocchiola, T. Cascella, F. Zappoli Thyron; Pavia/IT
- P-371 Dose evaluation and procedure complexity analysis on patients undergoing carotid PTA
L. D'Ercole, F. Lisciandro, P. Quaretti, A. Azzaretti, G. Rodolico, C. Massa Saluzzo, N. Cionfoli, T. Cascella, F. Zappoli Thyron; Pavia/IT
- P-372 Evaluation of radiation exposure of medical staff during interventional CT-guided procedures
A. Peschel¹, M. Sadick¹, P. Diezler¹, U. Häusler², K. Wasser¹, S.O. Schoenberg¹, S.J. Diehl¹; ¹Mannheim/DE, ²Berlin/DE
- P-373 Evaluation of radiation exposure of CT-guided interventions
J. Schneider, A. Bersch, R. Kloeckner, T. Achenbach, C. Düber, M.B. Pitton; Mainz/DE

Renal and visceral artery intervention

Scientific Posters

- P-374 Multimodal approach in the percutaneous treatment of visceral aneurysms: a single center experience
M. Mangini, F. Fontana, G. Xhepa, D. Agnello, G. Carrafiello, C. Fugazzola; Varese/IT
- P-375 Transcatheter coil embolization of splenic artery aneurysms: therapeutic strategy using original classification
S. Yamamoto, S. Hirota, H. Maeda, S. Achiwa, Y. Kako, K. Arai, K. Koayashi; Nishinomiya/JP
- P-376 Effects on renal function of renal artery stenting: long-term results in a single centre experience
I. Bargellini, R. Cioni, A. Cicorelli, P. Petruzzi, A. Formicola, V. Napoli, S. Pinto, C. Bartolozzi; Pisa/IT
- P-377 Transarterial embolization of aneurysms and pseudoaneurysms of visceral arteries
D. Krause, R. Loffroy, B. Guiu, B. Abualsaud, L. Vadanici, N. Mejean, F. Ricolfi, J.-P. Cercueil; Dijon/FR

Educational Posters

- P-378 Visceral artery aneurysms: diagnosis and percutaneous management (to include inflammatory, infectious, atherosclerotic and congenital aneurysms)
C. Ahuja, M. Chadha; Detroit, MI/US
- P-379 Percutaneous transluminal angioplasty and stenting in transplant renal artery stenosis
P. Pappas¹, E. Barberi², P. Sourla², E. Felesaki², A. Tsamis², V. Oikonomopoulou²; ¹Penteli/GR, ²Athens/GR
- P-380 Renal artery stenosis: causes, diagnosis, and interventional percutaneous revascularization
S.H. Kwon, J.H. Oh, H.P. Hong; Seoul/KR
- P-381 Endovascular treatment of chronic mesenteric ischemia
T. Bilhim, H.A.M. Rio Tinto, M. Duarte, J.M. Pisco; Lisbon/PT
- P-382 Image-guided management of vascular complications following pancreatoduodenectomy
D. Kusumawidjaja, S. Chandramohan, J.G. Moss, I. Robertson, R. Edwards, R. Kasthuri, A. Downie; Glasgow/UK
- P-383 Renal artery denervation: a global visit into a new concept
M.R. Sapoval, M. Azizi, O. Steichen, P.F. Plouin, G. Bobrie, J.-Y. Pagny; Paris/FR
- P-384 Renal embolisation: a review of evolving indications, techniques and complications
J.R. Bottomley; Sheffield/UK
- P-385 Proximal visceral arterial interventions: evolving trends in the 21st century
R. Suri, A. Albayati, D. Garg, J. Lopera, G. Kroma; San Antonio, TX/US

Case Reports

- P-386 Atypical vascular anatomic variant in Williams Beuren syndrome
P. Bahra, M. Gupta, K. Zinn; Bridgeport, CT/US
- P-387 Retrograde aortic dissection during renal angioplasty
G.R. Martino, E.M. Torresani, A.F. Moguilner, P. Grosso, J.H. Leguizamón; Quilmes/AR
- P-388 Massive hemorrhage after renal artery stenting: ischemia-reperfusion renal injury?
I. Bargellini, R. Cioni, A. Cicorelli, P. Petruzzi, B. Parentini, C. Bartolozzi; Pisa/IT
- P-389 Iatrogenic pseudoaneurysm of a right subsegmental pulmonary artery: successful treatment with stentgraft implantation
R.H. Portugaller, G. Kovacs, H. Deutschmann, O.C. Doerfler, P. Schedlbauer; Graz/AT
- P-390 Endovascular stent-graft placement in the treatment of penetrating ulcer of the superior mesenteric artery
R. Corso, F. Vacirca, D. Leni; Monza/IT

- P-391 Overcoming tortuous coeliac axis anatomy by snaring of a microcatheter passed retrogradely from the superior mesenteric artery into the aorta
N.M. Masson, R. Edwards; Glasgow/UK
- P-392 A case of gross hematuria caused by a congenital intrarenal arteriovenous malformation
G. Carrafiello, D. Laganà, G. Peroni, M. Mangini, F. Fontana, F.A. Vizzari, G. Piffaretti, C. Fugazzola; Varese/IT
- P-393 Common hepatic artery fusiform pseudoaneurysm embolized using matrix 3D coils, preserving proper hepatic artery permeability through gastroduodenal artery
J.E. Armijo¹, R.A. De La Cruz¹, L. De Benito¹, E. Puras¹, M. Gutierrez¹, R. Garcia¹, T. Hernandez Cabrero²; ¹Alcorcon/ES, ²Madrid/ES
- P-394 Stents in renal artery bifurcation stenosis
P. Pappas; Penteli/GR
- P-395 Emergency embolization of a left colic aneurysm
D. Laganà, M. Mangini, F.A. Vizzari, D. Lumia, G. Carrafiello, C. Fugazzola; Varese/IT
- P-396 Successful transarterial embolization for arteriovenous fistula formed after partial nephrectomy of solitary kidney
U. Akinfeyeu, V. Orehov, V. Dudarau, A. Mohort; Minsk/BY
- P-397 Preliminary experience using N-butyl-cyanoacrylate for management of bleeding after percutaneous transhepatic biliary drain placement
R. Iezzi, A. Pedicelli, M. Nestola, F. Pirro, R. Dattesi, L. Bonomo; Rome/IT
- P-398 Revascularization of kidney allograft after renal artery occlusion secondary to stent insertion
Z. Aldin, N. Taha, M. Descamps, S. Moser; London/UK
- P-399 Celiac artery dissection complicated with an aneurysm treated with a covered stent
R. Guerrero, J. Villalba, A. Tomasello, M.M. Menso, C. Gonzalez, S. Aixut; Barcelona/ES
- P-400 Endovascular reconstruction of giant gastroduodenal artery aneurysm with stent graft: a case report
I.R. Marjanovic, M. Jevtic, S. Misovic, S. Rusovic, U. Zoranovic, M. Sarac; Belgrade/RS
- P-401 Delayed endovascular treatment of renal artery dissection and reno-vascular hypertension after blunt abdominal trauma
F. Springer, S. Heller, J.M. Schmehl, H. Aebert, C.D. Claussen, K. Brechtel; Tübingen/DE
- P-402 Pharmacomechanical thrombectomy for treatment of acute transplant renal artery thrombosis
A. Klepanec, I.P. Vulev, T. Balázs, Z. Žilinská; Bratislava/SK
- P-403 Endovascular repair of ruptured celiac trunk aneurysm
R.B. Soares, A.A. Pereira, A.H. Pereira, M.A. Grüdtnner, F.D.S. Canani, M.F. Rossi; Porto Alegre/BR
- P-404 Renal artery stenting following blunt abdominal trauma: case experiences
W.A. Bhatti, S.G. Contractor, S. Sadowski, P. Kisza; Newark, NJ/US

TIPS and portal vein intervention

Scientific Posters

- P-405 Mechanical thromboaspiration and loco-regional thrombolysis in the treatment of portal and superior mesenteric vein acute thrombosis
U.G. Rossi, G. Bovio, M. Dahmane, S. Seitun, A. Guastavino, C. Ferro; Genova/IT
- P-406 The therapeutic value of percutaneous portal vein thrombolysis
Q. Xudong, J.-H. Wang, Y. Zhipin; Shanghai/CN
- P-407 Discrepancy between enhanced area on pre-embolization portography and embolized area by percutaneous transhepatic portal vein embolization with absolute ethanol under temporally balloon occlusion
Y. Hasegawa, D. Abo, Y. Sakuhara, F. Kato, T. Kamishima, T. Shimizu, S. Terae, H. Shirato; Sapporo/JP

- P-408 Usefulness of transhepatic-transjugular combined access to revision occluded TIPS not accessible by jugular approach
G. Rodriguez-Rosales, M. Echenagusia Boyra, A. Lopez-Casañas, F. Camuñez Alonso, G. Simó Muerza, A. Echenagusia Belda; Madrid/ES
- P-409 Portal vein obstruction after liver transplantation in children treated by simultaneous minilaparotomy and transhepatic approaches: initial experience
F.C. Carnevale, A.C.B. Santos, J. Seda-Neto, C.E. Zurstrassen, A.M. Moreira, J.M. Motta-Leal-Filho, A.Z. Marcelino, G.G. Cerri, P. Chapchap; São Paulo/BR
- P-410 Partial splenic embolization using calibrated polyvinyl alcohol microspheres and n-butyl cyanoacrylate: the comparative study
J. Koizumi¹, T. Hashimoto¹, K. Myojin¹, T. Tsuji¹, T. Fukushima¹, R. Wray¹, S. Kojima¹, T. Kagawa¹, N. Watanabe¹, B.J. d'Othée², ¹Isehara/JP, ²Baltimore, MD/US
- P-411 Transjugular intrahepatic portosystemic shunts (TIPS) creation in recurrent hepatitis C (HCV) cirrhosis after Liver Transplantation (LT)
M.A. Cura¹, K. Speeg², J. Guerrero², F. El Merhi¹, R. Suri², J. Lopera², W.K. Washburn², G. Halp²; ¹Edinburgh, TX/US, ²San Antonio, TX/US
- P-412 Transplant free survival (TFS) after Transjugular Intrahepatic Portosystemic Shunt (TIPS) creation with the Viator covered-stent
M.A. Cura¹, F. El Merhi¹, R. Suri², J. Lopera¹, K. Speeg², J. Guerrero², W.K. Washburn², G. Halp²; ¹Edinburgh, TX/US, ²San Antonio, TX/US
- P-413 Occurrence rate and clinical conversion of hepatic encephalopathy after transjugular intrahepatic portosystemic shunts
X. Li; Cheng Du/CN
WITHDRAWN
- P-414 PTFE-TIPS for ascites: better outcomes in renal insufficiency?
S. White, C. Weber, J.I. Mondschein, R. Shlansky-Goldberg, S.W. Stavropoulos, S.O. Trerotola, M.C. Soulen; Philadelphia, PA/US
- P-415 Induction of left liver hypertrophy by right portal vein occlusion: embolization vs. ligation
M.B. Pitton, P.J. Grewatta, J. Schneider, M. Bühler, G. Otto, C. Düber; Mainz/DE
- P-416 Balloon-occluded retrograde transvenous obliteration using foam sclerosants for gastric varices and hepatic encephalopathy under CT or C-arm CT
J. Koizumi¹, T. Hashimoto¹, K. Myojin¹, T. Kagawa¹, S. Kojima¹, N. Watanabe¹, B.J. d'Othée²; ¹Isehara/JP, ²Baltimore, MD/US
- P-418 Transjugular intrahepatic portosystemic stent-shunt placement in liver-transplant recipients
P.P. Goffette, O. Ciccarelli, I. Tancredi, E. Bonacorsi, J. Lerut; Brussels/BE

Educational Posters

- P-419 Balloon-occluded retrograde transvenous obliteration via the pericardio-phrenic vein
K. Kageyama, N. Nishida, H. Matsui, E. Soukawa, A. Yamamoto, K. Nakamura, Y. Miki; Osaka/JP
- P-420 Wedged catheter hepatic vein pressure gradient measurement vs. occlusion balloon technique: is there really a difference?
P. Kiszka, S. Sadowski, S.G. Contractor, W. Bhatti; Newark, NJ/US
- P-421 Intravascular ultrasound (IVUS) assisted TIPS: a useful adjunctive technique
C. Fuss, J.A. Kaufman, K. Kolbeck, R. Barton, P. Lakin, F.S. Keller; Portland, OR/US
- P-422 Balloon-occluded retrograde transvenous obliteration for the meso-caval shunt in cirrhotic patients with hepatic encephalopathy
N. Nishida, H. Matsui, K. Kageyama, E. Sogawa, A. Yamamoto, K. Nakamura, Y. Miki; Osaka/JP

- P-423 The symptomatic arterio-portal shunt: our strategy and review of the literature
E. Sohgwawa, A. Yamamoto, M. Hamuro, K. Kageyama, N. Nishida, K. Nakamura, Y. Miki; Osaka/JP
- P-424 Evaluation and endovascular treatment options for Budd-Chiari syndrome
T.G. Walker, S.P. Kalva, A.C. Waltman, G.M. Salazar, S. Ganguli, S. Wicky; Boston, MA/US
WITHDRAWN
- P-425 Why and how to perform a portal vein embolisation (PVE)?
R. Gadhadh, C. Dey, D. Valenti, T. Cabrera, L.-M. Boucher; Montreal, QC/CA

Case Reports

- P-426 First successful treatment of gastric varices with balloon retrograde transvenous obliteration in a patient with schistosomal portal hypertension
A.T. Machado, R.J. Procopio; Belo Horizonte/BR
- P-427 Successful treatment of reversal of portosystemic encephalopathy by shunt-preserving disconnection of portal and systemic circulation
O. Ikeda, Y. Nakasone, Y. Tamura, Y. Yamashita, T. Masuda, T. Beppu, H. Baba; Kumamoto/JP
- P-428 A case with hepatic encephalopathy due to a splenorenal shunt treated with balloon-occluded retrograde obliteration using three balloon catheters
M. Honda¹, T. Baba¹, T. Hashimoto², N. Seino¹; ¹Tokyo/JP, ²Yokohama/JP
- P-429 Glue-embolization of esophagogastric venous bleeding: a case of lung embolism
P. Quaretti, C. Massa Saluzzo, N. Cionfoli, T. Cascella, F. Zappoli Thyron; Pavia/IT
- P-430 Percutaneous treatment of Rex shunt stenosis: a case report
P.H. Petterle, W.O. Sousa Junior, T. Protta, R.A.S. Oliveira, J.M. Motta-Leal-Filho, C.E. Zurstrassen, B.B. Affonso, F. Nasser, A.M. Moreira, F.C. Carnevale; São Paulo/BR
- P-431 Transarterial embolization of a portal vein aneurysm complicated with arterioportal shunts in a cirrhotic patient
G. Okubo, T. Taniguchi, N. Onishi, M. Nakabayashi, R. Sakamoto, H. Tomimatsu, N. Kusunoki, T. Okada, T. Higashino, Y. Nishimoto, S. Noma; Tenri, Nara/JP
- P-432 Congenital extrahepatic portosystemic shunt: the Abernethy malformation
B. Graça, J.F. Costa, P. Donato, A. Gil-Agostinho, V. Carvalheiro, F. Caseiro-Alves; Coimbra/PT
WITHDRAWN
- P-433 Radiation burn after prolonged TIPS
P.J. Nye; Ada, MI/US
- P-434 Rupture of portal vein during transjugular portosystemic shunt interventional procedure
N. Ptohis, E. Broutzos, E. Alexopoulou, A.D. Kelekis, D.K. Filippiadis, N.L. Kelekis; Athens/GR

Urinary tract intervention

Educational Posters

- P-435 Role of interventional radiology in renal transplantation
I. Artero, M. Santillana, J. Rodríguez, E. Cuartero, J.J. Muñoz; Málaga/ES

Case Reports

- P-436 Cutting-balloon angioplasty of resistant ureteral stenosis as a bridge to stent insertion: a technical note
R. Iezzi, C. Di Stasi, A. Simeone, F. Pirro, M. Nestola, L. Bonomo; Rome/IT
- P-437 Embolization of the ureters combined with aortobiliacal stent placement for the successful treatment of recurrent macrohematuria in an ileum-conduit and perineal urinary secretion
A. Massmann, M. Katoh, P. Minko, P. Fries, G. Schneider, A. Buecker; Homburg/DE

Venous intervention and IVC filters

Scientific Posters

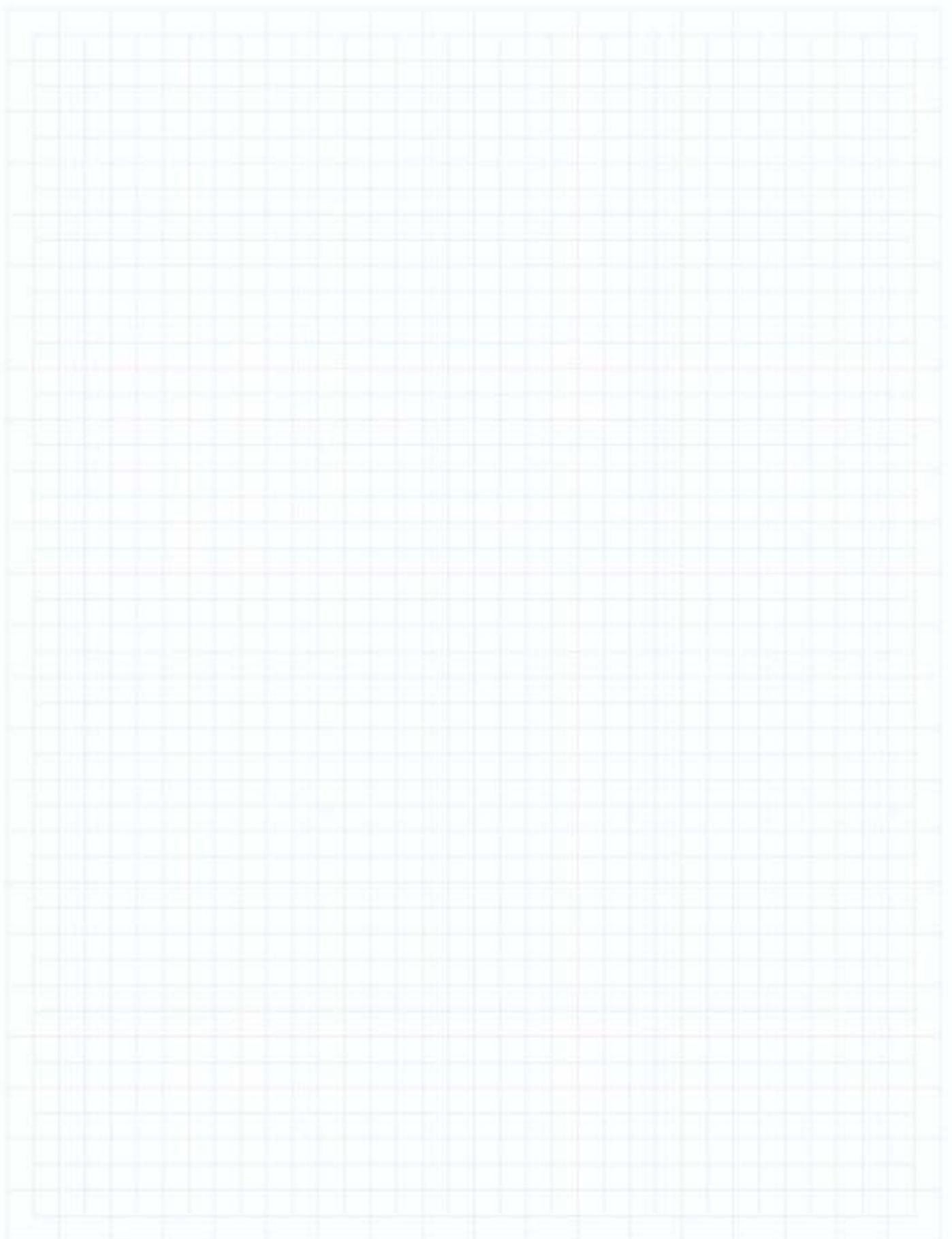
- P-438 Recurrent venous thrombosis after endovascular management of iliofemoral deep vein thrombosis: incidence and risk factors
B.S. Roh, D.-H. Bang, Y.H. Lee; Iksan/KR
- P-439 In-stent recurrent stenosis after endovascular management for deep vein thrombosis of lower extremities
B.S. Roh, S.-N. Moon, H.-W. Kim; Iksan/KR
- P-440 Catheter directed thrombolysis in iliofemoral deep vein thrombosis
J. Husty, J. Boudny, O. Ludka; Brno/CZ
- P-441 Catheter access via the subclavian vein in patients with brachiocephalic vein occlusion
T. Aramaki¹, M. Moriguchi¹, K. Asakura¹, A. Sawada¹, M. Endo²; ¹Sunto-gun/JP, ²Shizuoka/JP
- P-442 Changes in the length of the vena cava and right atrium with respiration
T. Hashimoto, K. Myojin, C. Ito, T. Yamashita, J. Koizumi; Isehara City/JP
- P-443 Endovenous laser ablation of the incompetent small saphenous vein: 3-year single-center experience
K. Aikimbaev, E. Akgul, E.H. Aksungur; Adana/TR
- P-444 Endovenous laser ablation and concomitant foam sclerotherapy: experience in 320 patients
S. Yilmaz, K. Ceken, A. Alparslan, S. Durmaz, T. Sindel; Antalya/TR
- P-445 US-guided femoral and sciatic nerve blocks for analgesia during endovenous laser ablation
S. Yilmaz, K. Ceken, T. Sindel; Antalya/TR
- P-446 Pancreatic venous graft thrombosis after pancreas transplantation: treatment with transcatheter endovascular techniques
M. Barrufet, M. Burrel, R. Gilabert, M.J. Ricart, J. Ferrer, X. Montañà, M.I. Real; Barcelona/ES
- P-447 Feasibility of long term ALN vena cava filter retrieval
L. Bellmann, O. Pellerin, J. Goupil, O. Sanchez, J. Pineau, M.R. Sapoval; Paris/FR
- P-448 Gunther Tulip retrievable inferior vena caval filters: indications, efficacy, retrieval, and complications
J. Das, M.M. Slattery, H.K. Kok, G.S. Goh, S. Looby, M.F. Given, M.J. Lee; Dublin/IE
- P-449 Explantation of totally implantable venous access ports of the forearm: reasons for removal and observed complications
J.P. Goltz, A. Scholl, C.O. Ritter, D. Hahn, R. Kickuth; Würzburg/DE
- P-450 Study for inferior vena cava filter retrieval after endovascular therapy in deep vein thrombosis
Y.S. Jeon, J.Y. Kim, S.G. Cho, K.C. Hong; Incheon/KR
- P-451 Effectiveness of endovenous laser ablation (EVLA) and concomitant foam sclerotherapy in different subgroups of patients with superficial venous insufficiency and varicose veins
M. Koroglu, H.N. Eriş, M. Kayan, R.A. Aktaş, M. Çetin, A. Yeşildağ; Isparta/TR
- P-452 Retrievability of IVC filters
J. Hauptfleisch, M. Hawkins, M. Bratby, S. Anthony, R. Uberoi; Oxford/UK
- P-453 Mean and long-term retrievability of the ALN filter
F.G. Barra, J. Schmit, P. Mismetti; Saint Etienne/FR
- P-454 Endovenous laser ablation of varicose veins in an office-based facility: a three-year review
K.D. McBride; Edinburgh/UK
- P-455 Symptomatic improvement after endovenous laser ablation of the saphenous vein insufficiency: experience of a single center in 485 patients
L. Oguzkurt, U. Ozkan, O. Demirtürk, S. Gür, F. Tercan; Adana/TR
- P-456 Venous recanalization in children
K.M. Baskin; Pittsburgh, PA/US
- P-457 Endovenous laser with adjuvant foam sclerotherapy for symptomatic varicose veins at 2 years follow up: initial Indian experience
R.G. Mundhada, A.D. Rewatkar; Nagpur/IN
WITHDRAWN

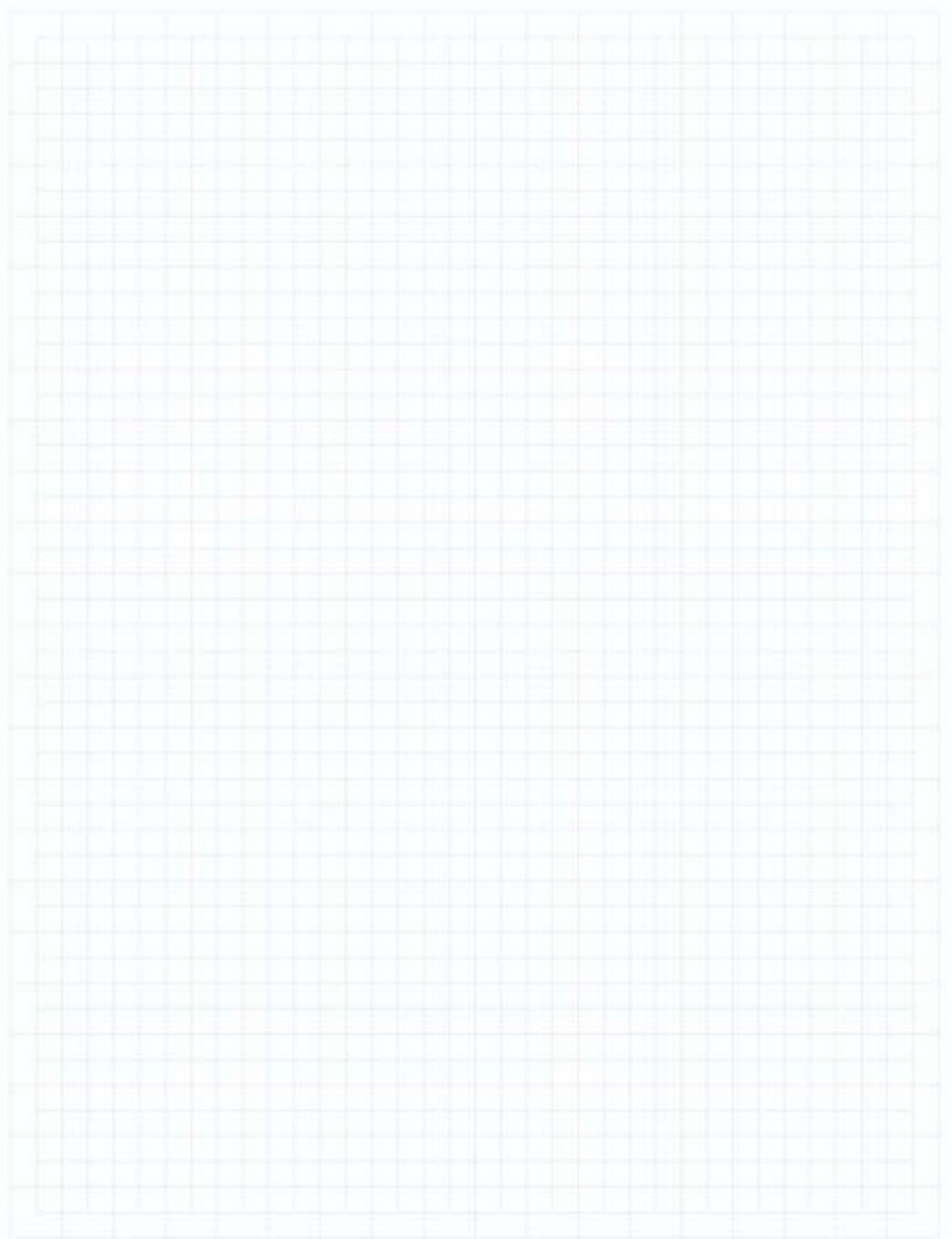
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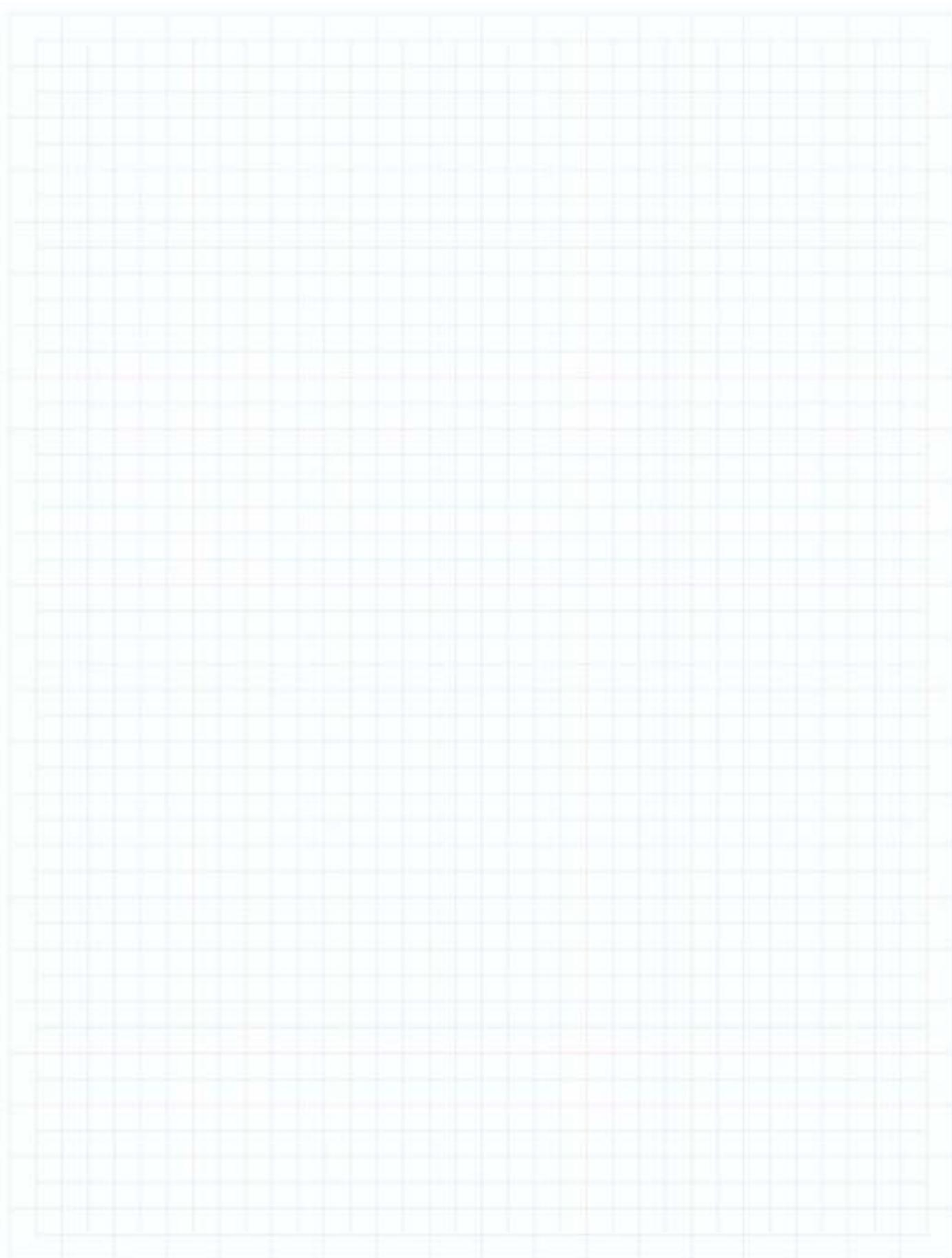
- P-458 Percutaneous transluminal venoplasty after venous pressure measurement in patients with hepatic venous outflow obstruction after living donor liver transplantation
O. Ikeda, Y. Tamura, Y. Nakasone, Y. Yamashita, K. Asonuma, Y. Inomata; Kumamoto/JP
- P-459 Paget-Schroetter syndrome: the Exeter approach
S. Bays¹, H. White², J. Thompson², D. Kinsella², A.F. Watkinson²; ¹Plymouth/UK, ²Exeter/UK
- P-460 Persistent left superior vena cava: what every interventionalist should know
A. Khankan¹, S. Loutfi¹, T. Al-Hazmi², M.F. Mohammed¹, W. Al-Bassam¹, M. Almoaiqel¹; ¹Riyadh/SA, ²Jeddah/SA
- P-461 Endovascular treatment of superior vena cava syndrome
T. Bilhim, M. Duarte, H.A.M. Rio Tinto, J.M. Pisco; Lisbon/PT
- P-462 Improving success rates in adrenal vein blood sampling (AVS): a new protocol including rapid online cortisol assay and MDCT mapping of venous anatomy
C. Degenhart, M. Betz, M. Reincke, M. Bidlingmaier, M. Treitl, U. Linsenmaier; Munich/DE
- P-463 A pictorial review of venous compression syndromes as depicted with contrast enhanced MRA/V and multidetector CT
L. Millar¹, R. Bhat², G. Roditi¹, S. Chandramohan¹; ¹Glasgow/UK, ²Dundee/UK
- P-464 Caval filter placement in the prevention of pulmonary embolism: pitfalls, tricks and drawbacks of the procedure
A.F. Le Blanche, J.-N. Vallee; Amiens/FR

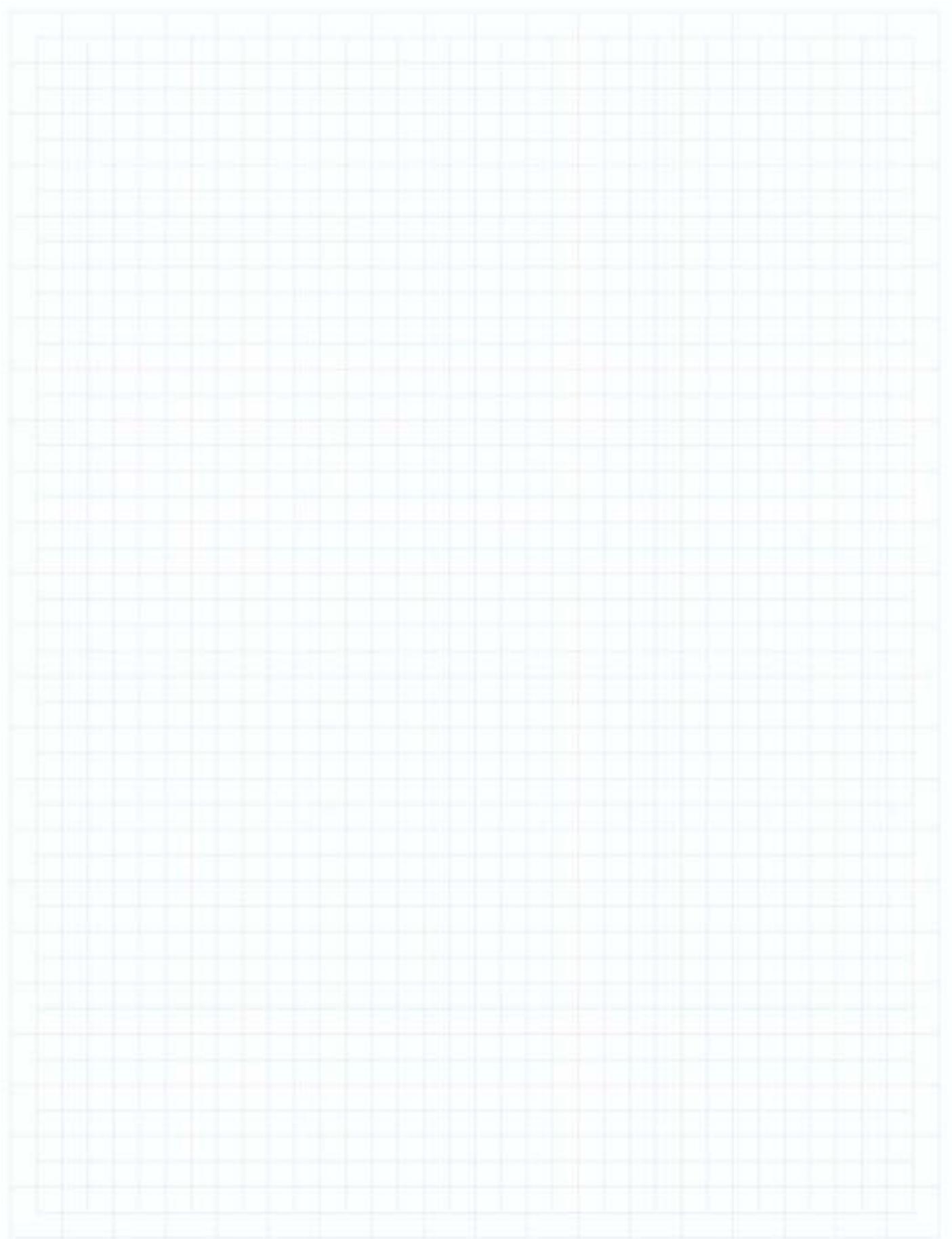
Case Reports

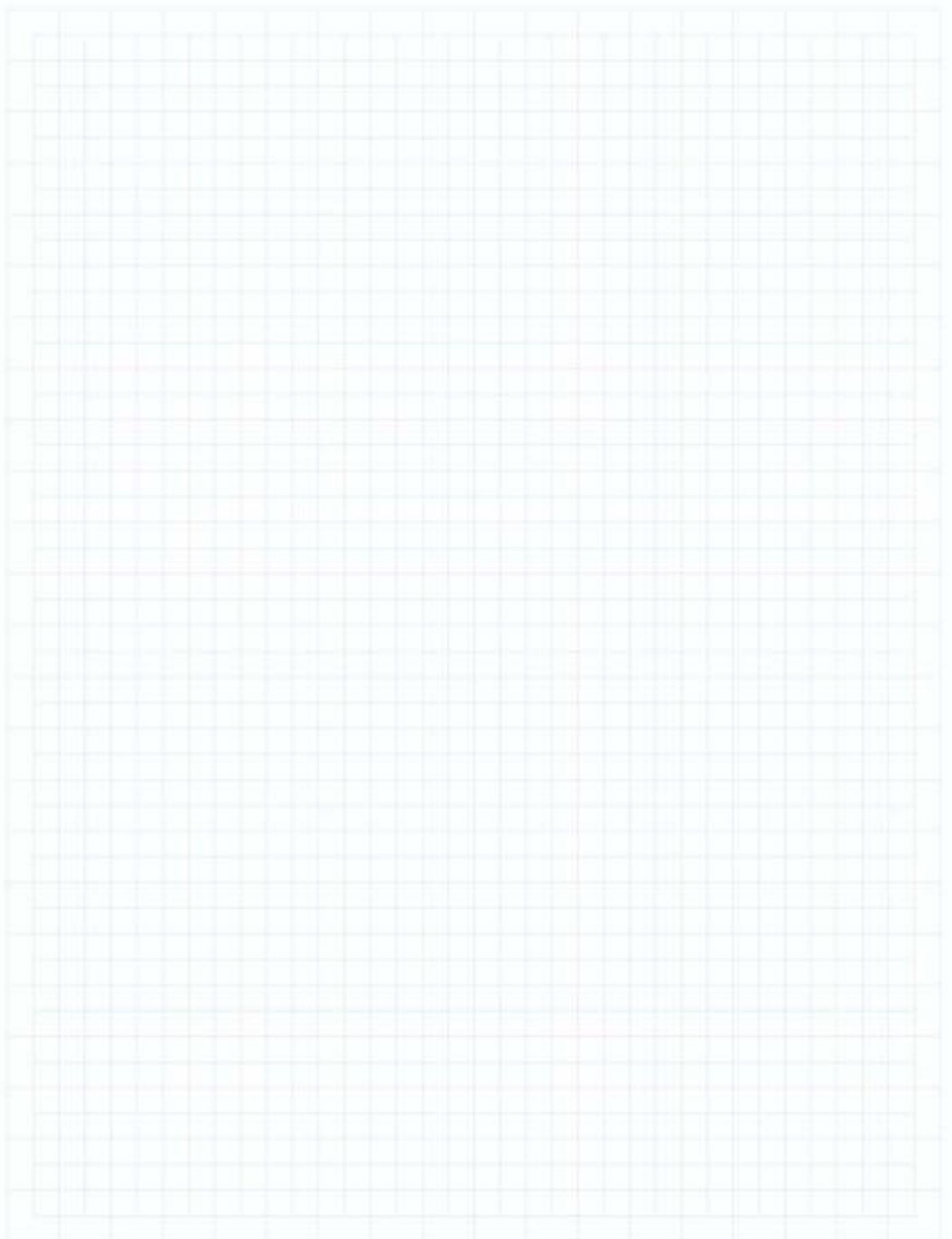
- P-465 Percutaneous embolectomy with Fogarty Thru-Lumen catheter for graft thrombosis after pancreas transplantation: report of a case
K. Izaki, M. Yamaguchi, K. Uotani, T. Okada, K. Sugimoto, K. Sugimura; Kobe/JP
- P-466 Endovenous sclerotherapy followed by endovenous laser ablation with a 980-nm laser for incompetent vein of Giacomini
S.W. Park, S.A. Lee, J.J. Hwang; Seoul/KR
- P-467 IVUS guided transvenous liver biopsy from femoral approach in a transplant patient
C. Kaufman¹, J.A. Kaufman², K. Kolbeck², R. Barton², F.S. Keller²; ¹Boston, MA/US, ²Portland, OR/US
- P-468 Successful endovascular treatment of duodenocaval fistula with inferior vena cava endograft
E. Rouwet, S. ten Raa, B. Wijnhoven, B. van der Hoven, H. Verhagen; Rotterdam/NL
- P-469 Use of rigid endobronchial forceps in retrieval of distorted and incorporated G2X IVC filter
T. Doshi, T.G. Van Ha; Chicago, IL/US
- P-470 Two cases of rupture of the superior vena cava during balloon angioplasty successfully treated with placement of a covered stent
J.J. Gemmete, R. Jean-Baptiste, D.M. Williams; Ann Arbor, MI/US
- P-471 A bridge over troubled waters, a case of rescue of an IVC stent migration to the right atrium
N. Das, V. Shrivastava, D.R. Warakaulle, W.C. Liong; Oxford/UK
- P-472 Removal of right atrial catheter fragment using a tip deflecting wire
P.J. Nye; Ada, MI/US
- P-473 New technique for endovascular foreign bodies' retrieval
B. Pellicer, A. Ruiz, E. Romá, E. Lonjedo, J.J. Martinez, A. Magan; Valencia/ES
- P-474 Inferior vena cava stenting: a case report
R. Marcelllo; Rome/IT
- P-475 Endovascular treatment of „nutcracker“ syndrome
R.B. Soares, A.A. Pereira, A.H. Pereira, G.G. de Souza, M.A. Grüdtnner, M.F. Rossi; Porto Alegre/BR













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