





Global Embolization
Symposium and Technologies

POCKET GUIDE

May 31 – June 03 Florence | Italy

www.gest2017.eu



Get your GEST Europe programme via the CIRSE Society App!

Make the most of your time at GEST Europe 2017:

- browse the programme
- build your personal schedule
- complete the paperless session evaluation
- participate in e-voting
- send questions to the moderators
- find your way around using the interactive floor plan
- browse the exhibition
- and much more...

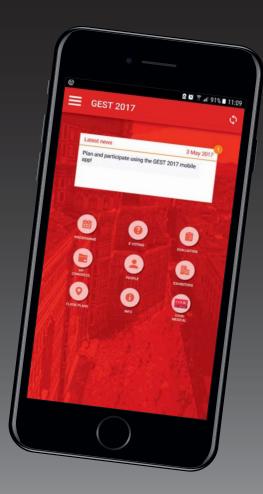






Available for iOS and Android





2	2 Important Addresses	
_	3 Committees	
	4 General Information	
	8 Hands-on Workshops	
12	Wednesday – Scientific Programme	
	•	0
		Œ
		>
-10		
19	Thursday – Scientific Programme	
		⊇
		Ŧ
27	Friday – Scientific Programme	
_,	Filday – Scientific Frogramme	
		굕
		ш
34	Saturday – Scientific Programme	
	•	
		Ϋ́
		V1
37	Community Buthelite	
3/	Corporate Activities	
	39 Satellite Symposia	
	45 Learning Centre	
	47 Sponsors Hands-on Workshops	
49	Exhibitors and Sponsors	
17	49 Technical Exhibition, Alphabetical List	
	51 Technical Exhibition, Numerical List	
	54 Technical Exhibition, Numerical Est	
	74 recrimed Exhibitors Guide	

Important Addresses

Congress Venue

Firenze Fiera Congress and Exhibition Centre

Palazzo dei Congressi Piazza Adua 1 50123 Florence | Italy

Organising Secretariat

CIRSE Central Office

Neutorgasse 9 1010 Vienna | AUSTRIA

Phone: + 43 1 904 2003 Fax: + 43 1 904 2003 30 Email: office@esir.org www.gest2017.eu Committees 3

Committees

Advisory Board

Anna-Maria Belli (UK) Elias Brountzos (GR) Jafar Golzarian (US) Ziv J. Haskal (US) Marc R. Sapoval (FR)

Scientific Programme Committee

Anna Maria Belli (UK) Christoph A. Binkert (CH) Michael D. Darcy (US) Fabrizio Fanelli (IT) Jafar Golzarian (US) Ziv J. Haskal (US) Robert A. Morgan (UK) Charles E. Ray, Jr. (US) Marc R. Sapoval (FR) Daniel Y. Sze (US)

General Information from A to Z

App

Let the CIRSE app take care of your congress planning. Newcomers, please download the CIRSE society app which is available for iPhone, iPad and Android (www.cirse.org/app) and install the GEST Europe 2017 event. If the CIRSE society app is already on your



smartphone, please just install the GEST Europe 2017 event and have the best toolkit to plan your personal congress programme, evaluate sessions, browse the exhibition, take part in votings and submit questions to the moderator in selected sessions.

Badges

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 be provided for an administrative charge of €80.

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 10:00 on Friday, June 2, you can use one of the dedicated workstations at the information desk within the exhibition area. 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.gest2017.eu. All you will need is your last name and badge number. Alternatively, you could log into your personal CIRSE account at www.cirse.org with your personal log-in details.

CME Credit Allowance

The CIRSE Foundation 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.

The GEST Europe 2017 is designated for up to 21 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.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.

Coffee & Snacks

Refreshments can be purchased at the cash bars within the exhibition area.

Opening Hours

Wednesday, May 31 08:00-18:00 Thursday, June 1 08:00-18:00 Friday, June 2 08:00-18:00 Saturday, June 3 08:00-12:00

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.

Disclosures

For financial disclosures and conflict of interest statements please refer to www.gest2017.eu.

ESIRonline - www.esir.org

ESIRonline is the largest online presentation database for interventional radiology, featuring slides and webcasts from CIRSE meetings. With a large section covering embolisation topics, ESIRonline is the ideal tool for your research and educational needs. Presentations recorded at GEST Europe 2017 will be integrated shortly after the meeting. Access to congress-related content is available to all CIRSE members and GEST Europe 2017 registered participants.

Evaluation

To complete the session evaluation and obtain credits for your attendance at GEST Europe 2017 sessions please use the online evaluation system, accessible through the mobile app (please see page 4) and at https://eval.ctimeeting.com/gest2017.



Internet

A free wireless service is available to all delegates throughout the congress centre.

Network: GEST2017 Password: gest2017

Mobile Phones

Please do not forget to turn your mobile phone to silent mode during the sessions.

Recording and Photographs

Please note that any form of recording, filming or photographing of presentation material during the sessions is strictly forbidden. Subject to the authors' consent, all presentation material will be made available online on CIRSE's educational platform ESIRonline.

Registration Desk - Opening Hours

Tuesday, May 30	16:00-18:00
Wednesday, May 31	07:00-18:00
Thursday, June 1	07:30-18:00
Friday, June 2	07:30-18:00
Saturday, June 3	07:30-11:00

Smoking

GEST Europe is a non-smoking congress. Smoking is permitted outside the congress centre only.

Speaker Centre

The Speaker Centre is located on the first floor of the congress centre. Please note that only digital material will be allowed for oral presentations. All material must be in English and provided on a USB flash drive or external hard-disk to be placed on the central server onsite. All presentation files must be uploaded at least 3 hours prior to the beginning of the corresponding session.

Computers connected to the local server allowing access to the speakers' presentations are available in every lecture room. These computers are equipped with Microsoft Windows 7 Professional and Microsoft Office 2013 Professional. Please note that speakers are not allowed to use their own laptops for their presentations.

Opening Hours

Tuesday, May 30	16:00-18:00
Wednesday, May 31	07:00-18:00
Thursday, June 1	07:30-18:00
Friday, June 2	07:30-18:00
Saturday, June 3	07:30-11:30

Sponsors and Exhibitors

Please find a floor plan of the exhibition on the inside of the cover and a detailed list of all exhibitors and sponsors on pages 49-51.

Opening Hours

Wednesday, May 31	09:30-17:30
Thursday, June 1	09:30-17:30
Friday, June 2	09:30-17:30
Saturday, June 3	09:30-12:00

Tourist Information and Hospitality Desk

For information regarding restaurants and excursions, please visit the desk of our official travel partner, Kuoni, located at the information desk within the exhibition area. Kuoni will be pleased to help you with all matters related to your stay in Florence.

Hands-on Workshops

Coordinators: C.A. Binkert (Winterthur/CH), C.E. Ray, Jr. (Chicago, IL/US)

Embolisation procedures require not only clinical knowledge but also a thorough technical understanding of how each embolic agent works and how they are correctly delivered. The hands-on workshops focus on the technical part of embolisation and provide the opportunity for participants to practice under the guidance of expert interventionalists. The goal is not only to learn the standard delivery but also to emphasise how to deal with difficult situations and how to avoid complications with each embolic agent. Every hands-on workshop deals with a specific embolic agent to allow participants to expand their skills.

Pre-registration for all hands-on workshops was necessary. Should you not have pre-registered, please arrive at the workshop room well in advance to check availability.

Location: Hands-on Workshop Room

Coils and plugs

Moderators: C.A. Binkert (Winterthur/CH), B.S. Funaki (Chicago, IL/US), C.E. Ray, Jr. (Chicago, IL/US)

Instructors: J.F. Angle (Charlottesville, VA/US),
B. Arslan (Chicago, IL/US), J.F. Benenati (Miami, FL/US),
E. Brountzos (Athens/GR), G. Carrafiello (Milan/IT),
M.D. Darcy (St. Louis, MO/US), R.C. Gaba (Chicago, IL/US),
Z.J. Haskal (Charlottesville, VA/US), R.J. Lewandowski (Chicago, IL/US),
G. Maleux (Leuven/BE), I. McCafferty (Birmingham/UK),
C.E. Ray, Jr. (Chicago, IL/US), J.B. Spies (Washington, DC/US),
O.M. van Delden (Amsterdam/NL)

Learning Objectives:

- · To understand the indications and contraindications for the use of coils and plugs for embolotherapy
- To become familiar with the characteristics of repositionable coils and plugs to best tailor the devices for use in various clinical situations
- To become familiar with the requirements of catheters and pushers to deliver various coils and plugs
- To learn how to deal with difficulties during coil/plug deployment

Wednesday, May 31

HoW 1: 14:00-15:00 **HoW 2:** 15:30-16:30 **HoW 3:** 17:00-18:00

Liquid embolics

Moderators: C.A. Binkert (Winterthur/CH), M.D. Darcy (St. Louis, MO/US)

Instructors: Y. Arai (Tokyo/JP), C.A. Binkert (Winterthur/CH),

M. Grosso (Cuneo/IT), R. Loffroy (Dijon/FR),

L. Machan (Vancouver/CA), V. Vidal (Marseille/FR),

Learning Objectives:

- To understand the clinical indications and contraindications for the use of liquid embolics
- To become familiar with the specific techniques for most commonly used liquid agents
- · To learn how to avoid complications with liquid agents
- To understand the differences in sclerosant and nonsclerosant liquid embolics and when to use which class of device

Thursday, June 1 HoW 4: 14:00-15:00 HoW 5: 15:30-16:30 HoW 6: 17:00-18:00

Particles and gelfoam

Moderators: J.F. Angle (Charlottesville, VA/US), C.E. Ray, Jr. (Chicago, IL/US)

Instructors: K. Ahrar (Houston, TX/US), S. Bhatia (Davie, FL/US), G. Carrafiello (Milan/IT), B.S. Funaki (Chicago, IL/US), N. Hacking (Southampton/UK), P.N.M. Lohle (Tilburg/NL), C.E. Ray, Jr. (Chicago, IL/US), D.Y. Sze (Stanford, CA/US)

Learning Objectives:

- To become familiar with the clinical indications for the use of particles and coils for embolotherapy
- To understand the importance of particle size for their clinical use
- To understand the role of gelfoam as a temporary embolic agent
- · To become familiar with different ways of using gelfoam depending on the clinical situation

Friday, June 2 HoW 7: 14:00-15:00 HoW 8: 15:30-16:30

Wednesday, May 31

	08:00-09:45
101	Plenary Session
	Coils and Plugs
	A 4 . A . I

Main Auditorium

Moderators: A.-M. Belli (London/UK), J. Golzarian (Minneapolis, MN/US)

- 101.1 Catheter choice for delivery of plugs and coils O.M. van Delden (Amsterdam/NL)
- 101.2 Techniques for coil deployment G. Maleux (Leuven/BE)
- 101.3 When to stop: endpoints for mechanical embolisation
 K. Osuaa (Osaka/JP)
- 101.4 Technical differences between coils: density, fibres and hydrogel

 D. Vorwerk (Ingolstadt/DE)
- 101.5 Plugs and microplugs: update *M.A. Ruffino (Turin/IT)*
- 101.6 Coils, plugs or both: when and why *B. Arslan (Chicago, IL/US)*
- 101.7 Complications using coils and plugs: how to avoid and how to solve!

 O.M. van Delden (Amsterdam/NL)
- 101.8 Debate Detachable coils: pro J.-P. Pelage (Caen/FR)
- 101.9 Debate Detachable coils: con *M.S. Johnson (Indianapolis, IN/US)*
- 101.10 Advanced clinical cases J.F. Benenati (Miami, FL/US)
- 101.11 Advanced clinical cases D. Vorwerk (Ingolstadt/DE)

10:15-12:00

201 Parallel Session

Trauma

Sala Verde

Moderators: B.S. Funaki (Chicago, IL/US), P.L. Pereira (Heilbronn/DE)

- 201.1 Management algorithms for trauma *M.D. Darcy (St. Louis, MO/US)*
- 201.2 Splenic embolisation: proximal vs. distal embolisation *R. Uberoi (Oxford/UK)*
- 201.3 Hepatic trauma embolisation: how to minimise complications
 M. Cariati (Milan/IT)
- 201.4 Blunt and penetrating renal trauma: when and how to embolise

 P.P. Goffette (Brussels/BE)
- 201.5 Embolisation of pelvic trauma: technique and outcomes

 M.S. Hamady (London/UK)
- 201.6 Endovascular management for iatrogenic non-visceral injuries
 R. Uberoi (Oxford/UK)
- 201.7 Endovascular management of extremity trauma *M. Cariati (Milan/IT)*
- 201.8 Endovascular management of aortic trauma *H. Rousseau (Toulouse/FR)*
- 201.9 Endovascular management of head and neck trauma

 L. Defreyne (Ghent/BE)
- 201.10 Debate Empiric embolisation for pelvic trauma: safe and indicated
 - O.M. van Delden (Amsterdam/NL)
- 201.11 Debate Empiric embolisation for pelvic trauma: increases complications

 W.E. Saad (Ann Arbor, MI/US)

10:15-12:00

202 Parallel Session

HCC

Main Auditorium

Moderators: Y. Arai (Tokyo/JP), C.E. Ray, Jr. (Chicago, IL/US)

- 202.1 Patient assessment before IR treatment R. Lencioni (Miami, FL/US) 202.2 Basics of radioembolisation dosimetry T.F. Jakobs (Munich/DE) 202.3 Results of conventional TACE G. Mauri (San Donato Milanese/IT) 202.4 Results of drug-eluting TACE K. Malagari (Athens/GR) 202.5 HCC with portal vein occlusion TARE or TACE R.J. Lewandowski (Chicago, IL/US) 202.6 Radiation segmentectomy and/or lobectomy R.J. Lewandowski (Chicago, IL/US) 202.7 Matching therapy to patient M. Grosso (Cuneo/IT) Downstaging and bridging to transplantation 202.8 C.E. Ray, Jr. (Chicago, IL/US) 202.9 Debate – Is there a role for embolisation pre TARE: pro K. Ahrar (Houston, TX/US) 202.10 Debate – Is there a role for embolisation pre TARE: con
- P.L. Pereira (Heilbronn/DE)

 202.11 Alternative chemotherapeutic agents for TACE
 Y. Arai (Tokyo/JP)
- 202.12 Anti-reflux or flow arrest for TACE S. Miyayama (Fukui/JP)

12:15-13:00

SY 301 Satellite Symposium

For the detailed programme please refer to page 39.

13:00-13:45

SY 302 Satellite Symposium

For the detailed programme please refer to page 39.

14:00-15:00

HoW 1 Hands-on Workshop

Coils and plugs

HoW Room

For the detailed programme please refer to pages 8-11.

14:15-15:45

401 Parallel Session

Imaging

Main Auditorium

Moderators: N. McEniff (Dublin/IE), O. Pellerin (Paris/FR)

- 401.1 New guidance tool for liver embolisation *B.C. Meyer (Hannover/DE)*
- 401.2 Practical aspects of live image guidance during embolisation procedures

 H. Kobeiter (Créteil/FR)
- 401.3 CBCT in liver embolisation: optimising parameters D.Y. Sze (Stanford, CA/US)
- 401.4 Use of advanced planning & guidance software for complex liver tumour embolisation R. Lencioni (Miami, FL/US)

401.5	Role of US in the angio suite for defining the right
	target for TACE/TAE
	F. Orsi (Milan/IT)
401.6	Fusion imaging: how to use it to optimise

401.6 Fusion imaging: how to use it to optimise embolisation

B.C. Meyer (Hannover/DE)

401.7 Can CBCT flow and perfusion provide endpoints for tumour embolisation

O. Pellerin (Paris/FR)

401.8 CBCT: how much is the radiation load to the patient

H. Kobeiter (Créteil/FR)

Discussion

14:15-15:15

402 Clinical Case-Based Discussion

Radioembolisation dose calculation, mapping and follow-up

Sala Verde

402.1 G. Maleux (Leuven/BE) 402.2 M. Grosso (Cuneo/IT)

15:15-16:15

403 Clinical Case-Based Discussion

Embolisation of bronchial and pulmonary artery

Sala Verde

403.1 R. Loffroy (Dijon/FR)

403.2 J. Pollak (New Haven, CT/US)

15:30-16:30

HoW 2 Hands-on Workshop

Coils and plugs

HoW Room

For the detailed programme please refer to pages 8-11.

16:15-17:45

501 Parallel Session

GU embolisation

Main Auditorium

Moderators: L. Machan (Vancouver/CA), V. Vidal (Marseille/FR)

- 501.1 Varicocele embolisation: technique *P. Haage (Wuppertal/DE)*
- 501.2 Varicocele embolisation and fertility: results L. Machan (Vancouver/CA)
- 501.3 Embolisation of angiomyolipomas: technique and outcomes
 - L.B. Lönn (Copenhagen/DK)
- 501.4 Embolisation in polycystic kidney disease for volume reduction
 F. Petitpierre (Bordeaux/FR)
- 501.5 Embolisation in non-functioning renal allografts in patients with graft intolerance syndrome (GIS) F. Petitpierre (Bordeaux/FR)
- 501.6 Embolisation in priapism
 N. McEniff (Dublin/IE)
- 501.7 Embolotherapy of haematuria of non-renal origin *L.B. Lönn (Copenhagen/DK)*
- 501.8 PAE for prostate cancer: early experience T. Bilhim (Lisbon/PT)
- 501.9 Non-vascular embolisation for urological problems *Y. Arai (Tokyo/JP)*

16:15-17:15

502 Clinical Case-Based Discussion Management of complex HCC

Sala Verde

502.1 K. Malagari (Athens/GR)

502.2 F. Orsi (Milan/IT)

17:00-18:00

HoW 3 Hands-on Workshop

Coils and plugs

HoW Room

For the detailed programme please refer to pages 8-11.

18:00-18:30

SY 601 Satellite Symposium

For the detailed programme please refer to page 39.

Thursday, June 1

08:00-09:45

701 Parallel Session

Liquid embolic agents

Main Auditorium

Moderators: I. McCafferty (Birmingham/UK), D.Y. Sze (Stanford, CA/US)

- 701.1 Principles and comparison of liquid agents S. Comelli (Turin/IT)
- 701.2 Glue: preparations and formulations Y. Arai (Tokyo/JP)
- 701.3 Onyx vs. Squid vs. Phil R. Loffroy (Dijon/FR)
- 701.4 Sclerosing agents and foam: agent selection and technical tips

 M. Grosso (Cuneo/IT)
- 701.5 Tips and tricks for non-sclerosing liquid agents L. Defreyne (Ghent/BE)
- 701.6 Tips and tricks for sclerosing liquid agents D.Y. Sze (Stanford, CA/US)
- 701.7 Ethiodised oils (Lipiodol): more than an embolic transporter
 S. Miyayama (Fukui/JP)
- 701.8 When to stop: endpoints and how to avoid complications
- F. Fanelli (Rome/IT)

 701.9 Debate If I could only have one, I would use glue
 V. Vidal (Marseille/FR)
- 701.10 Debate If I could only have one, I would use EVOH-based agents

 L. Defreyne (Ghent/BE)
- 701.11 Advanced clinical cases *Y. Arai (Tokyo/JP)*
- 701.12 Advanced clinical cases
 D. Savio (Turin/IT)

08:00-09:45

702 Parallel Session

Fibroid embolisation

Sala Verde

Moderators: S.J. Park (Incheon/KR), J.B. Spies (Washington, DC/US)

- 702.1 New developments in the medical management of fibroids

 P.N.M. Lohle (Tilburg/NL)
- 702.2 Embolic agents for UAE: systematic review *R. Das (London/UK)*
- 702.3 Embolisation specific endpoints for different agents J.B. Spies (Washington, DC/US)
- 702.4 Embolisation of non-uterine collaterals *P.N.M. Lohle (Tilburg/NL)*
- 702.5 Guidelines of fibroid embolisation: international perspective M. Sone (Tokyo/JP)
- 702.6 UFE and fertility update J.-P. Pelage (Caen/FR)
- 702.7 Clinical role of IR in UFE A.-M. Belli (London/UK)
- 702.8 Peri-procedural pain reduction: blocks, epidurals, sedation and alternative medicine C.A. Binkert (Winterthur/CH)
- 702.9 Complications: how to minimise and manage T.J. Kroencke (Augsburg/DE)
- 702.10 Advanced clinical cases F. Orsi (Milan/IT)
- 702.11 Advanced clinical cases R. Das (London/UK)

10:15-12:00

801 Parallel Session

Vascular and lymphatic malformations Sala Verde

Moderators: Y.-S. Do (Seoul/KR),

J.A. Reekers (Amsterdam/NL)

- 801.1 Vascular malformations: diagnosis and classification

 W.A. Wohlgemuth (Regensburg/DE)
- 801.2 Which agents to use in malformations: low flow *P. Rowlands (Liverpool/UK)*
- 801.3 Sclerotherapy technique, outcome and complications: low flow M.-F. Giroux (Montreal/CA)
- 801.4 Which agents to use in malformations: high flow *J.A. Reekers (Amsterdam/NL)*
- 801.5 Technique, outcome and complications: high flow *P. Rowlands (Liverpool/UK)*
- 801.6 AVMs: embolising the arterialised veins *Y.-S. Do (Seoul/KR)*
- 801.7 Advances in the use of dilute alcohol in AVMs Y.-S. Do (Seoul/KR)
- 801.8 Management of renal AVMs *M.-F. Giroux (Montreal/CA)*
- 801.9 Clinical and imaging follow-up after treatment *P. Haage (Wuppertal/DE)*
- 801.10 Debate High flow AVMs should be treated from a venous approach: pro

 I. McCafferty (Birmingham/UK
- 801.11 Debate High flow AVMs should be treated from a venous approach: con

 J.A. Reekers (Amsterdam/NL)
- 801.12 Advanced clinical cases
 W.E. Saad (Ann Arbor, MI/US)
- 801.13 Advanced clinical cases *P. Rowlands (Liverpool/UK)*

10:15-12:00

802 Parallel Session

GI haemorrhage

Main Auditorium

Moderators: C.A. Binkert (Winterthur/CH), R. Uberoi (Oxford/UK)

- 802.1 Management algorithms for upper and lower GI haemorrhage
 R. Uberoi (Oxford/UK)
- 802.2 Optimisation of angiographic technique and provocative manoeuvres

 B.S. Funaki (Chicago, IL/US)
- 802.3 Safety and efficacy of embolisation for upper GI haemorrhage
 P.P. Goffette (Brussels/BE)
- 802.4 Embolisation technique: how distal G. Carrafiello (Milan/IT)
- 802.5 Safety and efficacy of embolisation for lower GI haemorrhage

 R.C. Gaba (Chicago, IL/US)
- 802.6 Is there a role for empiric embolisation in the upper and lower GI tract?

 N. McEniff (Dublin/IE)
- 802.7 Embolisation and stent grafts for post GI surgery bleeding

 M.R. Sapoval (Paris/FR)
- 802.8 Technique and results of embolisation in haemorrhoids

 V. Vidal (Marseille/FR)
- 802.9 Debate Is there a role for liquid embolic agents: pro
 F. Fanelli (Rome/IT)
- 802.10 Debate Is there a role for liquid embolic agents: con

 B.S. Funaki (Chicago, IL/US)

12:15-13:00

SY 901 Satellite Symposium

For the detailed programme please refer to page 41.

13:00-13:45

SY 902 Satellite Symposium

For the detailed programme please refer to page 43.

14:00-15:00

HoW 4 Hands-on Workshop

Liquid embolics

HoW Room

For the detailed programme please refer to pages 8-11.

14:15-15:45

1001 Parallel Session

Chest

Main Auditorium

Moderators: P. Haage (Wuppertal/DE), J. Pollak (New Haven, CT/US)

- 1001.1 Clinical and imaging workup for haemoptysis G. Carrafiello (Milan/IT)
- 1001.2 Arterial anatomy and variants for haemoptysis J. Pollak (New Haven, CT/US)
- 1001.3 Bronchial artery embolisation: long-term outcome and management of recurrence R. Niola (Naples/IT)
- 1001.4 Bronchial artery embolisation: how to avoid complications

M.-F. Carette (Paris/FR)

1001.5	Debate – Liquids should replace particles in bronchial artery embolisation: pro <i>R. Loffroy (Dijon/FR)</i>
1001.6	Debate – Liquids should replace particles in bronchial artery embolisation: con T. Tanaka (Kashihara/JP)
1001.7	Pulmonary AVM: choice of materials and technical tips J. Pollak (New Haven, CT/US)
1001.8	Endovascular management of pulmonary artery pseudoaneurysms MF. Carette (Paris/FR)
1001.9	Intranodal lymphangiography and thoracic duct embolisation: technical TIPS <i>R.C. Gaba (Chicago, IL/US)</i>
1001.10	Results of thoracic duct embolisation <i>R.C. Gaba (Chicago, IL/US)</i>
	Discussion
1002	14:15-15:15 Clinical Case-Based Discussion Management of complex visceral aneurysms Sala Verde
1002.1 1002.2	M. Szczerbo-Trojanowska (Lublin/PL) M.S. Hamady (London/UK)
1003	15:15-16:15 Clinical Case-Based Discussion Varicoceles and pelvic congestion Sala Verde
1003.1	T. Jargiełło (Lublin/PL)

1003.2 L. Machan (Vancouver/CA)

15:30-16:30

HoW 5 Hands-on Workshop

Liquid embolics

HoW Room

For the detailed programme please refer to pages 8-11.

16:15-17:45

1101 Parallel Session

Abdominal embolisation

Main Auditorium

Moderators: K. Ahrar (Houston, TX/US), K.A. Hausegger (Klagenfurt/AT)

- 1101.1 Embolisation/ablation of benign liver lesions *K. Ahrar (Houston, TX/US)*
- 1101.2 Embolisation for hypersplenism and thrombocytopaenia

 M. Szczerbo-Trojanowska (Lublin/PL)
- 1101.3 Gastric artery embolisation: update of results and future directions A. Arepally (Atlanta, GA/US)
- 1101.4 Transarterial therapy for pancreatic cancer *T. Tanaka (Kashihara/JP)*
- 1101.5 Bleeding post-pancreatic transplant J.F. Angle (Charlottesville, VA/US)
- 1101.6 Durable means to occlude the bile duct *E. Brountzos (Athens/GR)*
- 1101.7 Embolisation for retroperitoneal and spontaneous abdominal wall haemorrhage
 A. Krajina (Hradec Králové/CZ)
- 1101.8 Interventional management of haemobilia K.A. Hausegger (Klagenfurt/AT)
- 1101.9 Management of GI fistulae Z.J. Haskal (Charlottesville, VA/US)

16:15-17:15

1102 Clinical Case-Based Discussion

Management of complex AVM

Sala Verde

1102.1 *I. McCafferty (Birmingham/UK)*

1102.2 W.A. Wohlgemuth (Regensburg/DE)

17:00-18:00

HoW 6 Hands-on Workshop

Liquid embolics

HoW Room

For the detailed programme please refer to pages 8-11.

18:00-18:30

SY 1201 Satellite Symposium

For the detailed programme please refer to page 43.

Friday, June 2

08:00-09:45

1301 Parallel Session

Particles and gelfoam

Main Auditorium

Moderators: H.T. Abada (Abu Dhabi/AE), K. Osuga (Suita, Osaka/JP)

- 1301.1 Particles and gelfoam: indications and choice of agents
 D. Vorwerk (Ingolstadt/DE)
- 1301.2 Microparticles: what do we need to know K. Osuqa (Osaka/JP)
- 1301.3 When to stop: endpoints for particulate embolisation R. Niola (Naples/IT)
- 1301.4 5 top tips and tricks using gelfoam *M. Sone (Tokyo/JP)*
- 1301.5 5 top tips and tricks using particles *J.B. Spies (Washington, DC/US)*
- 1301.6 Drug-eluting particles: characteristics *K. Malagari (Athens/GR)*
- 1301.7 Complications using particles and gelfoam: how to avoid and how to solve! *H.T. Abada (Abu Dhabi/AE)*
- 1301.8 Particles for embolisation: new development and future
 - J. Golzarian (Minneapolis, MN/US)

 Debate Resorbable particles will replace non-resorbable particles: pro

A. Arepally (Atlanta, GA/US)

- 1301.10 Debate Resorbable particles will replace non-resorbable particles: con *T.J. Kroencke (Augsburg/DE)*
- 1301.11 Advanced clinical cases K. Osuaa (Suita, Osaka/JP)

1301.9

1301.12 Advanced clinical cases H. Kobeiter (Créteil/FR)

08:00-09:45

1302 Parallel Session

Portal hypertension and portal venous embolisation

Sala Verde

Moderators: Z.J. Haskal (Charlottesville, VA/US), G. Maleux (Leuven/BE)

- 1302.1 Indications for RTO and/or TIPS

 G. Maleux (Leuven/BE)

 1202.2 Classic PRTO: postomy and recur
- 1302.2 Classic BRTO: anatomy and results B. Arslan (Chicago, IL/US)
- 1302.3 PARTO: technique and results *D.I. Gwon (Seoul/KR)*
- 1302.4 BRTO variants: ATOs and ARTOs H. Kiyosue (Yufu/JP)
- 1302.5 Treatment of ectopic varices *R.C. Gaba (Chicago, IL/US)*
- 1302.6 Transsplenic approaches to variceal embolisation W.E. Saad (Ann Arbor, MI/US)
- 1302.7 Debate Embolisation of portal venous varices during TIPS: pro A. Krajina (Hradec Králové/CZ)
- 1302.8 Debate Embolisation of portal venous varices during TIPS: con H. Rousseau (Toulouse/FR)
- 1302.9 Splenic artery embolisation in patients with portal hypertension S. Bhatia (Davie, FL/US)
- 1302.10 Principles and indications for portal venous embolisation *E. Brountzos (Athens/GR)*
- 1302.11 Transarterial radioembolisation as an alternative to portal vein embolisation

 R.J. Lewandowski (Chicago, IL/US)
- 1302.12 Advanced clinical cases A.M. lerardi (Varese/IT)
- 1302.13 Advanced clinical cases D.I. Gwon (Seoul/KR)

10:15-12:00

1401 Parallel Session

Prostate artery embolisation

Main Auditorium

Moderators: F.C. Carnevale (São Paulo/BR), M.R. Sapoval (Paris/FR)

- 1401.1 Current medical and surgical therapy: advantages and disadvantagesR. Das (London/UK)
- 1401.2 Patient evaluation and workup *N. Hacking (Southampton/UK)*
- 1401.3 Prostate artery anatomy *T. Bilhim (Lisbon/PT)*
- 1401.4 Step-by-step guide through PAE F.C. Carnevale (São Paulo/BR)
- 1401.5 Optimising CBCT during PAE *M.R. Sapoval (Paris/FR)*
- 1401.6 Selection of embolic agents for PAE

 J. Golzarian (Minneapolis, MN/US)
- 1401.7 Clinical management and complications after PAE *N. Hacking (Southampton/UK)*
- 1401.8 Debate PAE is ready for wide-spread clinical adoption: pro T. Bilhim (Lisbon/PT)
- 1401.9 Debate PAE is ready for wide-spread clinical adoption: con J.B. Spies (Washington, DC/US)
- 1401.10 Meta-analysis and systematic review of results of PAE
 - Z.J. Haskal (Charlottesville, VA/US)
- 1401.11 PAE future directions M.R. Sapoval (Paris/FR)

10:15-12:00

1402 Parallel Session

Endoleaks

Sala Verde

Moderators: F. Fanelli (Rome/IT), M. Hamady (London/UK)

1402.1 Definitions, frequency and natural history of endoleaks

J.F. Benenati (Miami. FL/US)

1402.2 Is there a role for prophylactic embolisation to prevent endoleaks?

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

1402.3 Cone-beam CT for direct sac embolisation O. Pellerin (Paris/FR)

1402.4 Embolisation techniques for type 1 R.A. Morgan (London/UK)

1402.5 Embolisation techniques for type 2 A. Chavan (Oldenburg/DE)

1402.6 Transcaval approach: a valid technique for type 2? J.F. Angle (Charlottesville, VA/US)

1402.7 Embolisation in TEVAR

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

1402.8 Imaging follow-up after embolisation *R. lezzi (Rome/IT)*

1402.9 Complications and outcomes *A. Chavan (Oldenburg/DE)*

1402.10 Advanced clinical cases R.A. Morgan (London/UK)

1402.11 Advanced clinical cases R. Jezzi (Rome/IT)

12:15-13:00

SY 1501 Satellite Symposium

For the detailed programme please refer to page 45.

13:00-13:45

SY 1502 Satellite Symposium

For the detailed programme please refer to page 45.

14:00-15:00

HoW 7 Hands-on Workshop

Particles and gelfoam

HoW Room

For the detailed programme please refer to pages 8-11.

14:15-15:45

1601 Parallel Session

Visceral aneurysms

Main Auditorium

Moderators: J.F. Benenati (Miami, FL/US), R.A. Morgan (London/UK)

- 1601.1 Epidemiology and treatment indications K.A. Hausegger (Klagenfurt/AT)
- 1601.2 Hepatic and splenic artery aneurysms: embolisation techniques J. Golzarian (Minneapolis, MN/US)
- 1601.3 Hepatic and splenic artery aneurysms: outcomes and complications A.M. Ierardi (Varese/IT)

1601.4	Renal artery aneurysms: technique and outcomes M. Szczerbo-Trojanowska (Lublin/PL)
1601.5	Management of pseudoaneurysm secondary to pancreatitis
1601.6	MF. Giroux (Montreal/CA) Coeliac and SMA aneurysm: technique and outcomes
1601.7	M.S. Hamady (London/UK) Imaging follow-up R.A. Morgan (London/UK)
1601.8	Debate – Keeping the parent artery open: pro A.M. lerardi (Varese/IT)
1601.9	Debate – Keeping the parent artery open: con J.F. Benenati (Miami, FL/US)
	Discussion
1602	14:15-15:15 Clinical Case-Based Discussion Complex UFE Sala Verde
1602.1 1602.2	, , , , , , , , , , , , , , , , , , , ,
1603	15:15-16:15 Clinical Case-Based Discussion Prostate artery anatomy Sala Verde
	S. Bhatia (Davie, FL/US) F.C. Carnevale (São Paulo/BR)
HoW 8	15:30-16:30

Particles and gelfoam

For the detailed programme please refer to pages 8-11.

HoW Room

16:15-17:45

1701 Parallel Session

Women's health

Main Auditorium

Moderators: R. Niola (Naples/IT), J.-P. Pelage (Caen/FR)

1701.1 IR techniques in the management of morbidly adherent placenta

L.B. Lönn (Copenhagen/DK)

1701.2 Debate – Prophylactic embolisation before delivery: pro
F. Giurazza (Rome/IT)

1701.3 Debate – Prophylactic embolisation before delivery: con A.-M. Belli (London/UK)

1701.4 PPH: when and how J.-P. Pelage (Caen/FR)

1701.5 Complications of embolisation for PPH *T.J. Kroencke (Augsburg/DE)*

1701.6 Embolisation of uterine AVMs F. Giurazza (Rome/IT)

1701.7 Embolisation technique and results for adenomyosis N. Hacking (Southampton/UK)

1701.8 Embolisation technique in pelvic congestion syndrome

T. Jargiełło (Lublin/PL)

1701.9 Management of perineal varicosities *A. Lopez (Guildford/UK)*

Discussion

16:15-17:15

1702 Clinical Case-Based Discussion Solid organ trauma

Sala Verde

1702.1 H.T. Abada (Abu Dhabi/AE)

1702.2 J.F. Angle (Charlottesville, VA/US)

Saturday, June 3

08:00-09:45

1901 Morbidity and Mortality



Main Auditorium

Coordinators: F. Fanelli (Rome/IT), M.R. Sapoval (Paris/FR)

Panellists:

1901.1	M.D. Darcy (St. Louis, MO/US)
1901.2	T. de Baère (Villejuif/FR)
1901.3	L. Defrevne (Ghent/BE)

1901.4 O.M. van Delden (Amsterdam/NL)

1901.5 *G. Maleux (Leuven/BE)* 1901.6 *R. Uberoi (Oxford/UK)* 1901.7 *Y. Arai (Tokyo/JP)*

1901.8 J. Golzarian (Minneapolis, MN/US)

10:15-12:00

2001 Parallel Session

Embolisation of liver metastatic cancer and cholangiocarcinoma

Sala Verde

Moderators: A. Denys (Lausanne/CH), R. Lencioni (Miami, FL/US)

- 2001.1 When should embolisation be considered for colorectal liver mets?
- 2001.2 Irinotecan eluting particles for colorectal metastases: is there a role?

 T.F. Jakobs (Munich/DE)

A. Denys (Lausanne/CH)

- 2001.3 Radioembolisation for colorectal carcinoma: results *M.S. Johnson (Indianapolis, IN/US)*
- 2001.4 Lipiodol TACE for colorectal metastases: is there a role?

R. Lencioni (Miami, FL/US)

- 2001.5 Managing peri-procedural systemic therapy: whether to stop or continue in colorectal patients G. Mauri (San Donato Milanese/IT)
- 2001.6 SIRFLOX trial: impact on treatment algorithm A. Denys (Lausanne/CH)
- 2001.7 When should embolisation be considered for neuroendocrine tumours

 T. de Baère (Villejuif/FR)

2001.8	Chemoembolisation and bland embolisation for
	neuroendocrine tumours
	K. Ahrar (Houston, TX/US)
2001.9	TARE for neuroendocrine tumours

2001.9 TARE for neuroendocrine tumours T.F. Jakobs (Munich/DE)

2001.10 When should embolisation be considered for cholangiocarcinoma C.E. Ray, Jr. (Chicago, IL/US)

2001.11 Embolisation for cholangiocarcinoma: techniques and results

R. Lencioni (Miami, FL/US)

2001.12 Breast metastases to the liver *P.L. Pereira (Heilbronn/DE)*

Discussion

10:15-12:00

2002 Parallel Session

Vanguard embolisations

Main Auditorium

Moderators: M.D. Darcy (St. Louis, MO/US), T. Bilhim (Lisbon/PT)

- 2002.1 Thermal ablation of vascular malformations *M.D. Darcy (St. Louis, MO/US)*
- 2002.2 Gastric embolisation for weight loss A. Arepally (Atlanta, GA/US)
- 2002.3 Embolisation of musculoskeletal pathology Y. Okuno (Tokyo/JP)
- 2002.4 Embolisation of haemarthrosis *M.D. Darcy (St. Louis, MO/US)*
- 2002.5 Embolisation for chronic haemorrhage from haemorrhoids

 V. Vidal (Marseille/FR)
- 2002.6 Lymphangiographic approaches to lymphoceles M. Itkin (Philadelphia, PA/US)
- 2002.7 The next phase in lymphatic interventions *M. Itkin (Philadelphia, PA/US)*
- 2002.8 Thyroid embolisation for multi-goitre disease O. Pellerin (Paris/FR)

Discussion

September 16-20 Copenhagen, Denmark

CIRSE 2017

featuring

IDEAS

Interdisciplinary Endovascular Aortic Symposium

Reduced Registration Fees Available

www.cirse.org

Cardiovascular and Interventional Radiological Society of Europe



Global Embolization
Symposium and Technologies

CORPORATE ACTIVITIES & EXHIBITION

Satellite Symposia and Learning Centre Hands-on Workshop Sponsors Exhibitors and Sponsors



YOUR PARTNER FOR EMBOLIZATION SOLUTIONS



Micro Vascular Plug System For vessels from 1.5 to 9 mm

Onyx[™] Liquid Embolic System



Concerto[™]
Detachable Coil System



LEARN MORE ABOUT OUR EMBOLIZATION SOLUTIONS WITH THE MEDTRONIC MEETING APP

 Scan the QR codes below or go to http://medtronicmeetings.quickmobile.mobi/



OS / Apple



Android

Open the App and scan the code with the scan function in the App



or press on event ID and enter the event key (case-sensitive): MGEST17



Wednesday, May 31

12:15-13:00

SY 301 **Siemens Healthineers**

syngo DynaCT guided embolisation - from routine use to new frontiers

Main Auditorium

Moderator: F. Carnevale (São Paulo/BR)

301.1 Liver and beyond: optimising radiopaque beads embolisation with syngo DynaCT T. F. Jakobs (Munich/DE)

301.2 syngo DynaCT imaging and guidance for PAE: an essential tool N. Hacking (Southampton/UK)

13:00-13:45

SY 302 Medtronic

How to treat AVM/pulmonary AVM and visceral aneurysms

Main Auditorium

Moderator: J. Golzarian (Minneapolis, MN/US)

How to treat AVMs 302.1 F. Numan (Istanbul/TR)

302.2 Treatment of pulmonary AVM in HHT patient J. Golzarian (Minneapolis, MN/US)

Treatment of visceral aneurysms 302.3 M. Wojtaszek (Canterbury/UK)

18:00-18:30

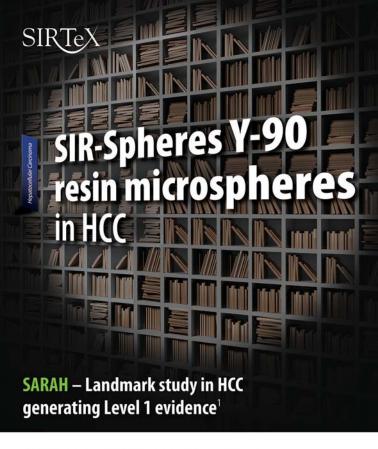
SY 601 **Merit Medical**

Prostate artery embolisation: transradial approach and challenging access troubleshooting Sala Verde

Moderator: F. Carnevale (São Paulo/BR)

601.1 Overcoming difficult access in PAE: SwiftNINJA® steerable microcatheter M.R. Sapoval (Paris/FR)

601.2 Transradial directed PAE: the next step S. Bhatia (Davie, FL/US)



SIR-Spheres Y-90 resin microspheres:

The proven choice with better Quality of Survival for patients with inoperable HCC compared to sorafenib¹

Key findings1:

- No significant difference in overall survival
- Significantly better tolerated treatment
- · Significantly reduced the frequency and severity of side effects
- · Significantly better Quality of Life

SIR-Spheres Y-90 microspheres are approved for use in Argentina, Australia, Brazil, Canada, the European Union (CE Mark), Switzerland, Turkey, and several countries in Asia for the treatment of unresectable liver tumours. In the US, SIR-Spheres Y-90 resin microspheres have a Pre-Market Approval (PMA) from the FDA and are indicated for the treatment of unresectable metastatic liver tumors from primary colorectal cancer with adjuvant intra-hepatic artery chemotherapy (IMAC) of FUDR (Floxundine).

Reference:

1. Vilgrain V et al. J of Hepatology 2017; 66 (Suppl. 1): Abs. GS-012

SIR-Spheres® is a registered trademark of Sirtex SIR-Spheres Pty Ltd

Sirtex Medical United Kingdom Ltd Building 3, Chiswick Park, 566 Chiswick High Road, London W4 SYA, United Kingdom www.sirtex.com



Thursday, June 1

12:15-13:00

SY 901 Sirtex Medical Europe GmbH

SIR-Spheres® Y-90 resin microspheres – a case review session in the light of new clinical evidence

Main Auditorium

Moderators: R. Golfieri (Bologna/IT), N.P. Tait (London/UK)

Welcome and introduction

- 901.1 HCC case study presentation: SIR-Spheres Y-90 resin microspheres as an alternative to sorafenib *I. Bargellini (Pisa/IT)*
- 901.2 mCRC case study presentation: SIR-Spheres Y-90 resin microspheres and surgery a promising combination

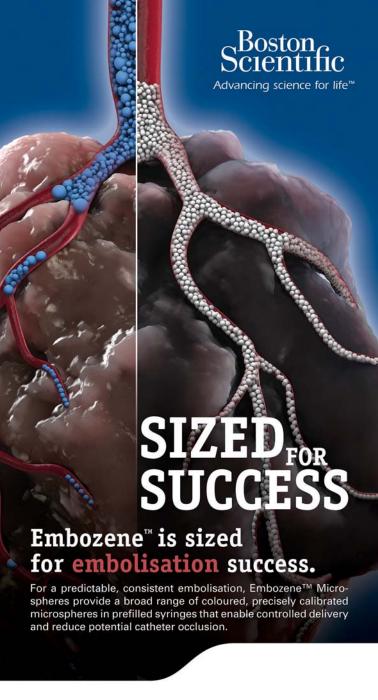
C. Benckert (Berlin/DE)

901.3 mNET case study presentation: Confirmed safety and efficacy of SIR-Spheres Y-90 resin microspheres in mNET

A.J.A.T. Braat (Utrecht/NL)

7.1317 1.71 Brade (Otreent, 112)

Discussion and closing remarks



All cited trademarks are the property of their respective owners. CAUTION: The law restricts these devices to sale by or on the order of a physician. Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device. Information for the use only in countries with applicable health authority product registrations. Material not intended for use in France. 13:00-13:45

SY 902 Guerbet

Targeted treatments of HCC, lymphatic leakage & vascular anomalies

Main Auditorium

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

- 902.1 cTACE fundamental & mechanism of action J. Golzarian (Minneapolis, MN/US)
- 902.2 New perspectives for HCC treatment: cTACE in combination with interventional therapies *M. Guimaraes (Charleston, SC/US)*
- 902.3 Treating lymphatic disorders: technical considerations and clinical outcomes

 G. Maleux (Leuven/BE)

18:00-18:30

SY 1201 Boston Scientific

Interventional solutions to pelvic problems

Sala Verde

Moderator: V. Vidal (Marseille/FR)

- 1201.1 Evolving the treatment of emborrhoids *V. Vidal (Marseille/FR)*
- 1201.2 Adenomyosis: from awareness to patient benefit *P.N.M. Lohle (Tilburg/NL)*
- 1201.3 Rope UK: treating BPH and building the guidelines

N. Hacking (Southampton/UK)

Penumbra EMBOLISATION SYSTEM

Large Volume Coils for High-Flow Microcatheter



Ruby Coil Frame & Fill

POD System

Anchor & Pack

POD Packing Coil ·····

POD

2.6 F

LANTERN

Microcatheter

Visit Penumbra at GEST booth 4

Penumbra



www.penumbrainc.com

Product availability varies by country. Prior to use, please refer to the Instructions for Use for the Ruby Coil System, POD System, and Penumbra Delivery Microcatheters for complete product indications, contraindications, warnings, precautions, potential adverse events and detailed instructions for use. Please contact your local Penumbra representative for more information.

Copyright ©2017 Penumbra, Inc. All rights reserved. The Penumbra P logo, Ruby, POD, and LANTERN are registered trademarks or trademarks of Penumbra, Inc. in the USA and other countries. 11945, Rev. A 04/17 OUS

Friday, June 2

12:15-13:00

SY 1501 Cook Medical

Main Auditorium

1501.1 Anatomical considerations for emborrhoid treatment: what is new?

V. Vidal (Marseille/FR)

1501.2 Pelvic vein embolisation – why coil design is

important.

P. Diwakar (London/UK)

13:00-13:45

SY 1502 Penumbra

Changing the paradigm of treatment in peripheral embolisation and thrombectomy Main Auditorium

Moderator: J.F. Benenati (Miami, FL/US)

1502.1 Ruby, POD and POD packing coil: advancing peripheral embolisation procedures

I. McCafferty (Birmingham/UK)

1502.2 Endovascular treatment for venous and arterial thrombosis with the Indigo System *J.F. Benenati (Miami, FL/US)*

Learning Centre

Terumo

The Learning Centre is located on the Ground Floor.

Please note that the CIRSE Foundation is not responsible for the information provided at Satellite Symposia and the Learning Centre.

ST. JUDE MEDICAL IS NOW ABBOTT.

ADVANCING THE STANDARD OF CARE

in peripheral embolization.

AMPLATZER™

Family of Vascular Plugs



All products herein are trademarks of the Abbott Group of Companies. Photo(s) on file at Abbott Vascular. All drawings are artist's representations only and should not be considered as an engineering drawing or photograph. Products intended for use by or under the direction of a physician. Prior to use, reference the Instructions for. Use provided inside the product carton (when available) or at eifha.abbottvascular, com for more detailed information on Indications, Contra-indications, Warnings, Precautions and Adverse Events. Information contained herein is for distribution for Europe, Middle East and Africa ONLY. Please check the regulatory status of the device before distribution in areas where CE marking is not the regulation in force. For more information, visit our website at abbottvascular.com



© 2017 Abbott, All rights reserved, EM-EVT-0217-0270

Sponsors Hands-on Workshops

The hands-on workshops are kindly supported by:

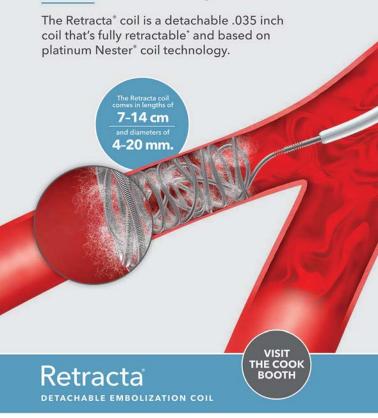
- Abbott
- Boston Scientific
- BTG
- · Cook Medical
- GEM Srl
- Medtronic
- Merit Medical
- Penumbra
- Terumo Europe

For detailed information on the hands-on workshops, please refer to pages 8-11.

For further information about the industry partners, please refer to the Technical Exhibitors Guide.

If you are interested in obtaining product information outside of the hands-on workshop sessions, please visit the respective company booth in the exhibition area.

Detach with precision.



To learn more about the **Retracta coil**, contact your Cook Medical sales representative or visit **cookmedical.eu/retracta/animate**.

*The Retracta coil is fully retractable only until it is detached from the delivery wire.



cookmedical eu

Technical Exhibition (Alphabetical List)

Company	Booth No.
Abbott	7a
ALN Implants Chirurgicaux	10
ArtVentive Medical Group	9
Boston Scientific	15
BTG	13
Cook Medical	5
Endovascular Today Europe	17
GEM	6
GEST 2018 U.S.	8
GUERBET	12
Interventional News / BIBA	18
Medtronic	2
Mentice	16
Merit Medical	14
Penumbra	4
Sirtex Medical Europe	7
Surefire Medical	1
Terumo	11
Toshiba Medical Systems Europe	3





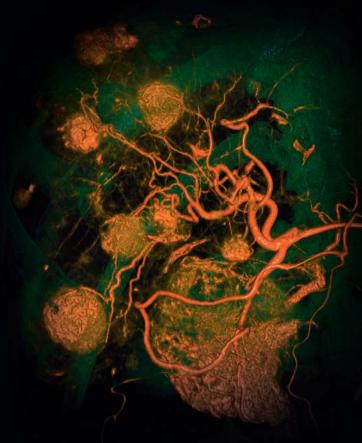


Vascular Solutions -Now Part of Teleflex

With the acquisition of Vascular Solutions, Teleflex strengthens its presence within the coronary and peripheral vascular market. We unite with a shared value and vision to improve the health and quality of people's lives worldwide. Together, we continue our relentless pursuit of identifying unmet clinical needs and offer a growing portfolio of innovative, specialty-focused solutions to support interventionalists around the globe. For more information visit: teleflex.com

Technical Exhibition (Numerical List)

Company	Rooth No.
Surefire Medical	1
Medtronic	2
Toshiba Medical Systems Europe	3
Penumbra	4
Cook Medical	5
GEM	6
Sirtex Medical Europe	7
Abbott	7a
GEST 2018 U.S.	8
ArtVentive Medical Group	9
ALN Implants Chirurgicaux	10
Terumo	11
GUERBET	12
BTG	13
Merit Medical	14
Boston Scientific	15
Mentice	16
Endovascular Today Europe	17
Interventional News / BIBA	18



Moderator: Prof. Francisco Carnevale, MD Hospital Sírio-Libanês, Sao Paolo, Brazil

Liver and beyond: Optimizing radiopaque beads embolization with syngo DynaCT.

Tobias F. Jakobs, MDThe Hospital of the Order of St. John of God,
Munich, Germany

syngo DynaCT Imaging and Guidance for PAE: An essential tool.

Nigel Hacking, MD Spire Southampton Hospital, Hampshire, UK

We are looking forward to welcoming you at GEST 2017

Join the Siemens Healthineers symposium on TACE and PAE.



syngo DynaCT guided embolization – from routine use to new frontiers

Wednesday, May 31, 2017 12:15-13:00 Main Auditorium



Technical Exhibitors Guide

Abbott 7a

Park Lane, Culliganlaan 2B 1831 Diegem Belgium www.abbott.com

Abbott Vascular, a division of Abbott, is a global leader in cardiac and vascular care with market-leading products and an industry-leading pipeline. We are committed to advancing patient care by transforming the treatment of vascular disease through medical device innovations, investments in research and development, and physician training and education. We offer cutting-edge devices for coronary artery disease, peripheral vascular disease, carotid artery disease and structural heart disease.

ALN Implants Chirurgicaux

10

589 Chemin du Niel 83230 Bormes les Mimosas

France

Phone: +33 049 40 10501 Fax: +33 049 40 10901 E-mail: contact@aln2b.com

www.aln2b.com

With its ALN optional vena cava filter, ALN is one of the leaders in the field. The filter has been well known in Europe for the past 25 years and has also been a long-stay on the international markets. including the U.S.

Products: ALN Optional vena cava filter with Hook, ALN Optional vena cava filter without Hook, Retrieval systems of the ALN filter including the 2in1 device.

CE Mark and FDA approved in 2008, the filter is retrievable after 40 months up to 12 years.

9

ArtVentive Medical Group Inc.

2766 Gateway Road CA 92009 Carlsbad

United States of America Phone: +31 622 667 469 Fax: +1 760 683 6242

E-mail: henkvanderlaak@artventivemedical.com

www.artventivemedical.com

ArtVentive Medical Group, Inc. is a US Corporation and has its corporate headquarters in Carlsbad, California, USA. ArtVentive is committed to providing interventional specialists with innovative solutions that improve clinical outcomes, address a wide variety of conditions, and reduce health care costs. With the EOS™ Plug family of devices, ArtVentive revolutionises embolisation procedures by delivering immediate, complete and permanent occlusion, while reducing procedure time, radiation exposure and costs. Furthermore, the procedure is simple and fast, with either minimal or no artefacts at follow-up. You can find more information on our website at:

www.artventivemedical.com. Please visit us at booth #9.

Boston Scientific

15

2 rue René Caudron, CS 30206 78961 St Quentin en Yvelines CEDEX France

Phone: +33 13 930 9700

E-mail: ReceptionFrance@bsci.com

www.bostonscientific.eu

Boston Scientific transforms lives through innovative medical solutions that improve the health of patients around the world. As a global medical technology leader for more than 35 years, we advance science for life by providing a broad range of high performance solutions that address unmet patient needs and reduce the cost of healthcare. For more information, visit www.bostonscientific.eu and connect on Twitter (@bostonsci) and Facebook.



A NEW LEVEL OF CONTROL



VISION

See tumour coverage during and after LUMI-TACE



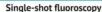
PRECISION

Enhanced determination of embolisation endpoint¹



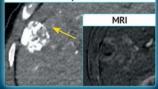
ASSURANCE

Confidence in treatment success









Complete response of 4.6cm HCC following LUMI-TACE

SEE MORE

Hands-On-Workshop Particles and Gelfoam[†]
Friday, June 2 | Sala Onice
HoW 7: 14:00-15:00 | HoW 8: 15:30-16:30

† Participation is free of charge. Please register via your GEST account.

For full instructions for use, warnings and important safety information relating to DC Bead LUMI" please visit www.dcbeadlumi.com/ffu. The images shown in this piece are based on clinical case seperience with the BTG radiopaque bead product in the US. The US Food and Drug Administration on 14 December 2015 cleared this radiopaque embolic bead under the branded name "LC Bead LUMI" for the treatment of hypervascular tumours and arteriovenous malformations. DC Bead LUMI" has CE Mark approval as a radiopaque drug-eluting bead. In order to avoid confusion, BTG has replaced any references to LC Bead LUMI" with DC Bead LUMI", as it is the radiopaque nature of the product that is being demonstrated.

Reference: 1. Duran R et al. Theranostics 2016; 6(1): 28-38. *First' refers to commercial availability.



Imagine where we can go.

DC Bead LUMI" are manufactured by Biocompatibles UK Ltd, a BTG International group company, DC Bead and DC Bead LUMI are trademarks of Biocompatibles UK Ltd. DC Bead is a registered trademark in China, EU, Japan and Republic of Korea. 'Imagine where we can go,'See More. Treat Smarter, BTG and the BTG roundel logo are trademarks of BTG International Ltd. BTG and the BTG roundel logo are registered trademarks in the US, EU and certain other territories. All rights reserved. © Copyright 2017 Biocompatibles UK Ltd. EM-LUM-2017-0113. EMEA. Date of preparation May 2017.

btg-im.com

Biocompatibles UK Ltd, a BTG International group company

Lakeview, Riverside Way Watchmoor Park, Camberley GU15 3YL Surrey United Kingdom

Phone: +44 1276 902 020 Fax: +44 1252 732 777

E-mail: hollie.munford@btgplc.com

www.btgplc.com

At BTG we are focused on bringing to market innovative products in specialist areas of medicine to better serve doctors and patients. Our growing portfolio of interventional medicine products is designed to advance the treatment of cancer, severe emphysema, severe blood clots and varicose veins, while our specialty pharmaceuticals portfolio offers antidotes that alleviate toxicity and treat rare conditions. Healthcare is constantly evolving – so BTG never stands still. Inspired by a deep understanding of our customers' needs, we're working to meaningfully improve the lives of patients and their healthcare experience. Our competitive advantage is our dedication to finding smart, often unconventional solutions to complex medical problems. Many of our products combine medicines, device technology and new techniques in order to deliver more targeted treatments. We also invest in clinical evidence to help demonstrate the value of our products to doctors, patients, and healthcare systems. Doing what's right for patients is what gets us to work in the morning; it's part of our DNA. By staying true to this principle and our values, we've earned a strong reputation for the quality of our products and our commitment to innovation.

CIRSE foundation

13

Cook Medical

5

O'Halloran Road, National Technology Park, Limerick Ireland

Phone: +353 61 334440 Fax: +353 61 334441 www.cookmedical.eu

A global pioneer in medical breakthroughs, Cook Medical is committed to creating effective solutions that benefit millions of patients worldwide. Today, we combine medical devices, drugs, biologic grafts and cell therapies across more than 16,000 products serving more than 40 medical specialties. Founded in 1963 by a visionary who put patient needs and ethical business practices first, Cook is a family-owned company that has created more than 10,000 jobs worldwide. For more information, visit www.cookmedical.eu.

CIRSE - Cardiovascular and Interventional

Radiological Society of Europe Neutorgasse 9 1010 Vienna, Austria

Tel.: +43 1 904 2003 Fax: +43 1 904 2003 30 E-mail: info@cirse.org www.cirse.org

CIRSE is a non-profit scientific and educational society with over 7,000 members and 35 national group members. The society supports the development of all areas of imageguided medicine, through educational meetings, scientific publications, public awareness campaigns and collaboration with other medical or scientific organisations. CIRSE places a strong emphasis on embolisation, aiming to strengthen the increasingly vital role of embolotherapy in patient care. The CIRSE Foundation, an independent, non-profit and taxexempt foundation that complements CIRSE's activities, both supports GEST Europe's biennial meetings and sponsors courses on the topic, which are organised by CIRSE's European School of Interventional Radiology (ESIR). In addition, CIRSE hosts ESIRonline, the largest online educational platform for interventional radiological procedures. Presentations and slides from GEST Europe 2017 will be available online soon. For more information, visit www.cirse.org, www.esir.org, www.gest2017.eu.

Endovascular Today Europe

17

1008 Upper Gulph Road, Suite 200 PA 19087 Wayne United States of America www.evtoday.com

Endovascular Today Europe is the premier publication for all specialists engaged in endovascular therapies. Published seven times a year with a weekly monthly online e-news, each issue of Endovascular Today Europe features timely articles on new techniques, clinical trial results, case studies, and advances in technology for endovascular practitioners. Endovascular Today Europe is distributed to 9,200 endovascular specialists in Europe

GEM SrI 6

Via dei Campi 2 55049 Viareggio

Italy

Phone: +39 0584 389784/391388

Fax: +39 0584 397904 E-mail: info@gemitaly.it www.gemitaly.it

GEM srl is an Italian firm established in 1994 which produces and distributes synthetic surgical glues all over the world. These include: GLUBRAN 2 (Ref. G-NB-2; G-NB2-50; G-NB2S-25) for Surgical and Endovascular use: GLUBRAN TISS2 (Ref. G-NBOC2; G-NBOC2-35; G-NBOC-25) for skin application. GEM srl also produces and distributes the application devices suitable for the use of these glues: Dispensing Tips (Ref. G-DT) suitable for all the types of vials of glues; Catheters for Laparoscopy (Ref. G2-LPC; G2-LPC-RIG) for laparoscopic surgeries; Drop Control Devices (Ref. G2-DCD-210-8T) for open surgeries; Spray Devices in 5 models (Ref. G2-NBT; G2-NBT-SMALL; G2-NBT-RIG; G2-NBT-SHORT; G2-NBT-SM-SHORT) suitable for open, laparoscopic, thoracoscopic and bariatric surgeries. Application devices dedicated to the closure of vascular access, Glubran 2 Seal Device Ref. G2-SL 5/6; G2-SL 7/8 and 1 ml luer lock syringes Ref. G-LLS in polypropylene. All the above listed application devices are technically studied on purpose for GEM's glues. All GLUBRAN products are CE marked.





Lipiodol® efficacy & safety for improved overall survival in HCC



UPICODOL* UURA-FUIID. Composition: Ethyl esters of iodized fatly acids of poppy seed oil 10 mt, corresponding to an iodine content of 480 mg/mt. Indications(**)**: In diagnostic radiology: hysteroxiolengography - According urethrography - lymphography - Sindayoraphy and exploration of documents of the second of frontal sursus. Fire and postoperoxive chaloning copyliny in Interestician Indialogy— Viscoliation and exploration of accessors - Exploration of Frontal sursus. Fire and postoperoxive chaloning copyliny in Interestician Indialogy— Viscoliation and exploration for description of the second in the Control of Frontal sursus. Fire and postoperoxive chaloning copyliny in Interestician Indialogy— Viscoliation and vectorisation during Internative of Exploration Indianos. Protection of the Internative Control of Protection of Internative Secondary in Interestician Indianos. Protection of the Internative Secondary of Internative Secondary (Internative Secondary Internative Secondary Internativ

steriale depositato presso AFA in data XX/YY/2017. Per i poesi in cui il medicinale è autorizzato il materiale viene distributo unitamente all'RCP.
sedicinale lipidiale isato fluida non è registrato in Italia.
icotionia nad desage may vary country la country.
white in which CRCF indication i sesiptente fi rance, Japan, South Korea, Austria, Peru, Turkey, Hungary, Czech Republic, Mangolia, Argencomplete information please refer to country's local SPC.
a copy of the SPC, please contact a member of Guerbet.

- C.M. et al. Randomized Controlled trial of transcrience-process. St. 144.171.

 St. 114.4171.

 ver J.M. et al. criticial embolization or chemoembolization versus symptomatic treatment in patients with unresectable hepatocellular carcinoma: a archaeolised critical trial before 2002, 399.1734.1719.

 ver J.M. et al. Systematic Review of Randomized Trials for Unresectable Hepatocellular Carcinoma: Chemoembolization Improves Survival expanding 2003, 37.402.442.

 48.5.6000. Clinical Practice Guidelines Management of hepatocellular carcinoma. J. Hepatol. 2012; 55.908.43.

 pages Society of Heratology, Recommendation, Chapter 5. Hepatology 8.0011; 196.112.

 A Shermon M. AASU Procisco Guidelines, American Association for Study of the User Diseases, Hepatology 2011; 53: 1020-1022.

 Horston and Processing Recommendation of the User Diseases, Hepatology 2011; 53: 1020-1022.

GEST 2018 U.S.

8

8333 NW 53rd Street, Suite 450 FL 33166 Doral United States of America E-mail: jnash@ccmcme.com www.gestweb.org/symposium

The Global Embolization Symposium and Technologies (GEST 2018 U.S.)

May 17-20, 2018 · Miami Beach, FL

Early Registration Discounts at www.gestweb.org/symposium

GUERBET 12

BP 57400 95943 Roissy CdG Cedex France

Phone: +33 1 4591 5000 www.guerbet.com

Guerbet is a pioneer in the contrast agent field, with 90 years' experience, and is the only pharmaceutical group dedicated to medical imaging worldwide. It offers a comprehensive range of X-Ray, Magnetic Resonance Imaging (MRI) and Interventional Radiology and Theranostics (IRT) products, along with a range of injectors and related medical devices to improve the diagnosis and treatment of patients. To discover new products and ensure future growth, Guerbet invests heavily in R&D on which it spends around 9% of its sales each year. Guerbet (GBT) is listed on Euronext Paris (Segment B − Mid Caps) and generated €776 million in revenue in 2016. For more information about Guerbet, please visit www.guerbet.com

Interventional News

18

BIBA medical Ltd, 526 Fulham Road SW6 5NR London United Kingdom E-mail: Shilpa@bibamedical.com www.interventionalnews.com

Interventional News is a specialised, quarterly newspaper which goes out to over 12,000 subscribers in Europe and North America. Published by BIBA Medical, it is an editorially independent news brand, steered by internationally renowned Editors-in-Chief, Professor Andy Adam and Dr. Brian Stainken.

Interventional News contains the latest news, opinion from thought leaders in interventional radiology, summaries of cutting-edge research, expert analysis, conference coverage, information and updates on the latest products and the medical device industry. Please visit www.interventionalnews. com for regular breaking news updates and download the IN app for Apple devices from the App Store for live conference coverage. Stay in touch with the latest developments in the world of intervention – get your free subscription to the print copy of Interventional News and our fortnightly e-newsletters at www.interventionalnews.com/register

Medtronic

2

710 Medtronic Parkway MN 55432-5604 Minneapolis United States of America www.medtronic.com

As a global leader in medical technology, services and solutions, Medtronic improves the health and lives of millions of people each year. We believe our deep clinical, therapeutic and economic expertise can help address the complex challenges – such as rising costs, aging populations and the burden of chronic disease – faced by families and healthcare systems today. But no one can do it alone. That's why we're committed to partnering in new ways and developing powerful solutions that deliver better patient outcomes. Founded in 1949 as a medical repair company, we're now among the world's largest medical technology, services and solutions companies, employing more than 85,000 people worldwide, serving physicians, hospitals and patients in more than 155 countries. Join us in our commitment to take healthcare Further, Together, Learn more at www.medtronic.com

Mentice

16

Odinsgatan 10 411 03 Gothenburg, Sweden Phone: +46 76 86 94405 www.mentice.com

Mentice is a world leader in medical simulation, providing qualified solutions for training, education and assessment opportunities. With a focus on minimally invasive techniques and procedures, Mentice develops simulation systems for training in a safe environment within the fields of endovascular intervention and minimally invasive surgery. The advantages of training with Mentice solutions are well documented enhancing clinical performance, reducing cost, and, in the long term, improving patient safety. For more information please visit www.mentice.com



PARTNER WITH US TO DEVELOP RADIAL DIRECTED EMBOLOTHERAPY.

ADVANTAGES OF TRANSRADIAL INTERVENTIONS^{1,5}

- Increased patient preference
- Shorter hospital stay
- Fewer vascular complications
- Reduced radiation exposure
- Reduced procedure time
- Cost savings

Comprehensive solutions from stick to stitch for **your** radial procedures

PreludeEASE"

Hydrophilic Sheath Introducer

Performa

Exclusive radial angiographic catheters

True Form

RESHAPABLE GUIDE WIRE

SwiftNINJA*

Steerable Microcatheter

Merit Maestro®

Microcatheter

Embosphere[®]

Microspheres

HepaSphere⁻

Drug-eluting microspheres

PreludeSYNC[™]

Radial Compression Device





Merit.com

REFERENCES

- 1. Jolly, S., Yusuf, S., Cairns, J., et al. (2011). The Lancet, 377(9775): 1409-1420. doi:
- http://dx.doi.org/10.1016/S0140-6736(11)60404-2
 2. Feldman, D., Swaminathan, R., Kaltenbach, L., et al. (2013). doi: http://dx.doi.org/10.1161/CIRCULATIONAHA.112.000536
- Romagnoli, E., Biondi-Zoccai, G., Sciahbasi, A., et al. (2012). 60(24): 2481-2489. doi: 10.1016/j.jacc.2012.06.017.
- 4. Amin, A. et al. 6(8): 827-834. doi: 10.1016/j.jcin.2013.04.014
- Khayrutdinov, E., Árablinskiy, A., Vorontsov, Á., Moscow/RU, & Omsk/RU. (2015). Retrieved November 14, 2016, from https://3g6fc347p04!217uf32fjw56-wpengine. netdna-sal.com/wp-content/uploads/2015/01/ROS-2015.pdf

WATCH THE VIDEO



Merit Medical

14

Amerikalaan 42 6199AE Maastricht The Netherlands

Phone: +31 433 588 222

www.merit.com

Founded in 1987, Merit Medical Systems, Inc. is a worldwide company engaged in the development, manufacture and distribution of proprietary disposable medical devices used in interventional and diagnostic procedures, particularly in cardiology, radiology, embolic therapy and endoscopy. With a global work force and cutting-edge manufacturing facilities equipped with the most advanced technology, Merit Medical consistently delivers quality products that are backed by excellent customer service and professional expertise. We look forward to GEST 2017 and the opportunity to present our high-performance embolotherapy and delivery systems portfolios. The Embosphere® Microspheres are the most clinically studied and proven round embolic agent, backed by more than 200 clinical articles; they provide consistent and predictable results for effective embolization. They are indicated for use in haemostatic embolisation and in embolisation of arteriovenous malformations, hypervascular tumours, including uterine fibroids and meningiomas, and the prostate arteries for relief of symptoms related to Benign Prostatic Hyperplasia. The SwiftNINJA® is a straight tip catheter that articulates up to 180 degrees in opposing directions to rapidly select the most challenging vascular ostium; True Form[™] is a 0.014" reshapable guide wire that can be reshaped multiple times and maintain its shape during procedures. We look forward to meeting you at our booth.

Penumbra Inc.

4

Am Borsigturm 44 13507 Berlin Germany

Germany

Phone: +49 30 200 5676 0

Fax:+49 30 200 5676 10

E-mail: Marketing-eu@penumbrainc.com

www.penumbrainc.com

Headquartered in Alameda, California, Penumbra, Inc. is a global interventional therapies company that designs, develops, manufactures and markets innovative medical devices. We have a broad portfolio of products that addresses challenging medical illness and significant clinical needs across two major markets: neuro and peripheral vascular. The conditions that our products address include, among others, ischaemic stroke, haemorrhagic stroke and various peripheral vascular conditions that can be treated through thrombectomy and embolisation procedures. Today, we have sales operations in North America, Europe, Australia, Asia, and South America.

Sirtex Medical Europe GmbH

7

Joseph-Schumpeter-Allee 33 53227 Bonn Germany

Phone: +49 228 18407 30 Fax: +49 228 18407 35

E-mail: info@sirtex-europe.com

www.sirtex.com

Sirtex Medical is actively engaged in the field of liver-directed therapies for cancer patients. The innovative technology of Sirtex, SIR-Spheres® Y-90 resin microspheres (microscopic Yttrium-90 resin beads), is used in interventional oncology to deliver Selective Internal Radiation Therapy (SIRT), also known as radioembolisation, to the liver. This treatment for inoperable liver cancer delivers high doses of radiation directly to the site of tumours whilst conserving normal liver parenchyma. SIR-Spheres® microspheres were approved in 2002 for use in the treatment of a variety of unresectable

liver tumours a well as in hepatocellular carcinoma within the European Union under a CE Mark. They are presently used at 306+ institutions in Europe and to date more than 70.000 treatments have been delivered worldwide. New HCC data with SIR-Spheres® Y-90 resin microspheres: The three largest ever RCTs (> 1.200 patients) investigating SIRT and standard-of-care systemic therapy in unresectable hepatocellular carcinoma (HCC) are enrolled. Two studies comparing SIR-Spheres® Y-90 resin microspheres with sorafenib will report by April 2017 and June 2017, respectively. A third study, involving combination treatment with both modalities compared with sorafenib alone, is expected to report in 2018. ®SIR-Spheres is a Registered Trademark of Sirtex SIR-Spheres Pty Ltd

Surefire Medical, Inc.

6272 W. 91st Avenue CO 80031 Westminster

United States of America Phone: +1 303 426 1222

Fax: +1 303 426 1223

E-mail: info@surefiremedical.com

www.surefiremedical.com

Surefire Medical, Inc. develops, manufactures and markets targeted delivery devices for the interventional oncology markets. Surefire's core technology consists of a microcatheter with a unique expandable tip that improves tumour uptake while protecting healthy tissue. It enables physicians to target tumour with superior accuracy, control and protection. Learn more: www.surefiremedical.com.

1





DELIVERY SYSTEMS

AT THE FOREFRONT OF INTERVENTIONAL ONCOLOGY WITH YOU



ABLATION SYSTEMS



MICROSPHERES



RADIOEMBOLIZATION

PUSHING BOUNDARIES



Terumo 11

7-9 Rue Eugène et Armand Peugeot 92500 Rueil Malmaison

France

Phone: +33 1 47 16 09 46 Fax: +33 1 47 16 09 49

E-mail: alexandra.vassiliades@terumo-europe.com

www.terumo-europe.com

Founded in Tokyo in 1921, Terumo is a multinational company with more than 90 years' experience in developing best-inclass medical devices. Pushing boundaries is what drives us to support interventionalists to do more. Rising to the challenge of innovating for patients, Terumo brings you a complete range of interventional oncology products:

- Cutting edge access and delivery systems (Occlusafe®, Radiofocus® Guidewire GT, Progreat®, Glidecath®)
- Complete range of embolic devices (AZUR® Peripheral HydroCoil®, AZUR® CX, HydroPearl®)
- Ablation systems (TATO TM) coming soon
- SIRT next generation (QuiremSpheres® and Q-Suite TM manufactured by Quirem Medical) coming soon
- Drug-eluting Microspheres (LifePearl®)
 Having pioneered the field of Interventional Oncology,
 Terumo is relentlessly seeking new ways to help you apply
 effective solutions and achieve better outcomes for your
 patients. We are committed to support our comprehensive
 product portfolio by a well-trained field force and a solid
 clinical evidence.

Toshiba Medical Systems Europe

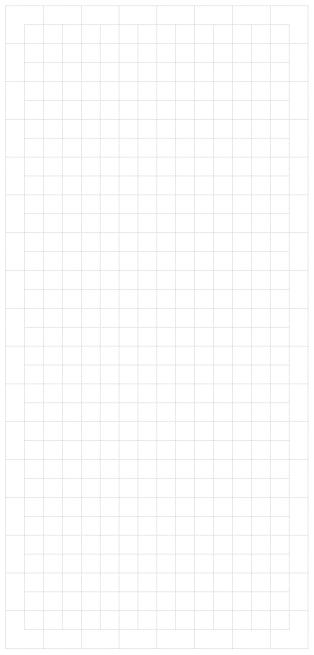
Zilverstraat 1 2718RP Zoetermeer The Netherlands Phone: +31 611 52 6311 www.toshiba-medical.eu

For over 140 years Toshiba's research and development has improved the health and welfare of people around the world. Today, Toshiba Medical Systems offers a full range of diagnostic imaging products and is a reliable service partner in more than 135 countries around the globe. Our mission is to deliver the best quality products and services, as well as the industry's best after-sales support through long-term, customer focused partnerships.

3

See more at: http://www.toshiba-medical.eu/eu/why-toshiba/#sthash.5zODcRy6.dpuf

Notes 71



CIRSE foundation

Imprint

CIRSE Central Office

Neutorgasse 9 1010 Vienna, Austria

Phone: +43 1 904 2003 Fax: +43 1 904 2003 30 E-mail: office@esir.org Web: www.gest2017.eu

The GEST Europe 2017 Pocket Guide

In case of any enquiries or comments, please contact us at **office@esir.org**

© CIRSE Foundation / 2017

GraphX by LOOP.ENTERPRISES media www.loop-enterprises.com





MIX
Paper from
responsible sources
FSC® C001924





LIPIODOL® ULTRA FLUID

Ethyl ester of iodized fatty acids of poppy seed oil

Lipiodol® efficacy & safety for improved overall survival in HCC1,2,3,4



itato presso AIFA in data XX/YY/2017. Per i poesi in cui il medicinale è autorizzato il materiale viene distribuito unitamente all'RCP. Il medicinale Lipidiol eutra fluido non è registrato in Italia.

and dosage may vary country to country.

which CACE indication is registered: France, Japan, South Korea, Austria, Peru, Turkey, Hungary, Czech Republic, Mangolia, Argentina, The Netherlands, Vietnam, Thailand & Mexico.

in information please relate to country's local SPC.

of the SPC, please contact a member of Guerbet.

- Rado M. et al., Prospective Study of Transcarbeter Asterial Chemoembolization for Unresectable Hapatocellular Carciname: An Asian Cooperative Study between Jopan and Korea J. Vasc. Interv. Radial. 2013; 24: 490-500. In C.M. et al. Randomized Controlled First of Transcarbeter Asterial Chemoembolization for Unresectable Hapatocellular Carcinames Telepatology, 2002; 35: 104-117.

 Iborel J.M. et al. Controlled First of Transcarbeter Assertion in Joseph William Unresectable proteopolistic acciniones or prodomised controlled that the Loncet 2002; 359: 17341739. Iborel J.M. et al. Systematic Review of Randomized First indicate Section India Section Hapatocellular Carcinames Chemoembolization Improves Soviend Hapathology 2003; 37: 429-442. EASCART Clinical Protects General Conference Assertion India Section India India Secti

