



ESIR 2009

4 Years of IR Education
throughout Europe

European School of
Interventional
Radiology

Aortic Disease

Vienna (AT)

Vascular Liver Interventions

Catania (IT)

Varicose Veins

London (UK)

Basic Vascular

Heraklion (GR)

Critical Limb Ischemia

Hamburg (DE)

Advanced Liver Tumour Ablation

Pisa (IT)

Embolizasyon

Ankara (TR)

Venous Interventions – Haemodialysis Shunts

Ingolstadt (DE)

Lung Interventions

Heilbronn (DE)

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The ESIR course programme 2009 is supported through educational grants from the professional education programme sponsors.

Gold sponsors:

Abbott Vascular, Cordis

Silver sponsors:

Biocompatibles, Celon, St. Jude Medical



Dear Colleagues,

As Chairman of the CIRSE Foundation and being the father of a young doctor, education is a matter particularly close to my heart. I am therefore extremely proud to have witnessed the ESIR courses grow from a two course a year programme to a series of no less than 13 courses within only 3 years. Since 2005 676 young interventionists have attended the numerous courses throughout Europe showing the great need for regional education in addition to the big international meetings.

In 2009 another 13 courses will be offered, both in hospitals and company institutes.

The local language courses introduced in 2007 with a course in France and continued with a French and a Spanish course in 2008 will continue with a course in Ankara, Turkey given entirely in Turkish language. This will give local doctors the opportunity to meet colleagues and experts being able to exchange ideas in their mother tongue.

The institute courses first introduced in 2008 were also highly successful providing participants valuable hands-on experience and intensive tutor-student interaction in small groups. They will therefore be repeated in 2009 with the kind support of Cordis and the Crossroads Institute.

I hope that you will find a course of interest for you in this programme and look forward to your input and ideas.

Johannes Lammer
Chairman of the CIRSE Foundation

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T. Sabharwal (London/UK)

Other current projects of CIRSE and the CIRSE Foundation

GEST Announcement



Embolotherapy has become a central part of daily Interventional Radiology work. GEST 2009 is Europe's most comprehensive Embolisation meeting featuring Hands-on Sessions, Master Classes and numerous other lectures.

Programme available online at www.gest2009.eu

CIRSE 2009



CIRSE 2009 better and bigger than ever! Don't miss CIRSE's annual scientific meeting and postgraduate courses on Interventional Radiology.

Preliminary Programme now online! www.cirse.org

CIRSE Clinical Practice Manual



Supports Interventional Radiologists in their daily practice. CIRSE Clinical Practice Volume 1 has been sent to all CIRSE members.

If you did not receive your copy please send an e-mail to: info@cirse.org

NEW website dedicated entirely to UFE



Launched recently! CIRSE's UFE website will provide a platform for UFE-related information and allow national societies to run subsections in their own language.

www.uterinefibroids.eu.

www.esir.org



CIRSE publications available on several online systems (online abstracts, recorded sessions, EPOS presentations etc) combined in one platform.

www.esir.org

ESIR aims at

- developing an educational programme and extending teaching resources for image-guided minimally invasive therapeutic procedures,
- promoting Interventional Radiology in countries where it is not yet fully developed,
- expanding the scope in countries where Interventional Radiology is already established,
- supporting, optimising and disseminating new techniques to secure best quality treatments of patients,
- contributing to the growth of the specialty by making local clinicians aware of what Interventional Radiology can offer them.

Course Overview 2009

No	Title / Venue	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	Aortic Disease Vienna (AT)					May 08-09							
2	Vascular Liver Interventions Catania (IT)						Jun 05-06						
3	Varicose Veins London (UK)						Jun 26-27						
4	Basic Vascular Heraklion (GR)							Jul 24-25					
5	Critical Limb Ischemia Hamburg (DE)								Aug 28-29				
6	Embolizasyon Ankara (TR)										Oct 23-24		
7	Venous Interventions – Haemodialysis Shunts Ingolstadt (DE)											Nov 13-14	
8	Lung Interventions Heilbronn (DE)												Dec 11-12
9	Advanced Liver Tumour Ablation Pisa (IT)										Oct 16-17		
	Basic Lower Limb Hands-On Course Hamburg (DE)										Oct 12-13		
	Advanced Lower Limb Hands-On Course Hamburg (DE)												Dec 01-02
	Introduction to Peripheral Vascular Intervention Hands-On Course Diegem (BE)						Jun 22-23						
	Advanced Techniques for treating PAOD Hands-On Course Diegem (BE)										Oct 22-23		

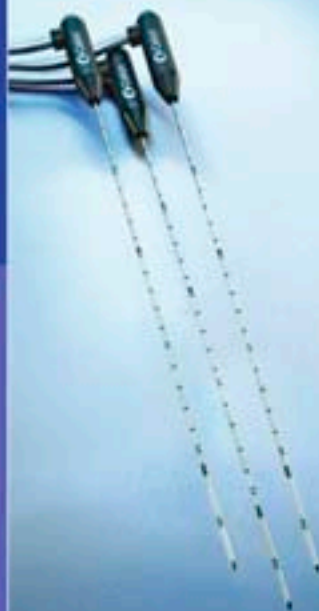


The Multipolar Intelligence



Multipolar and bipolar Radiofrequency Induced Thermoablation (RFITT) for minimally invasive ablation of tumors and metastases.

- ▶ Multipolar application for the reliable treatment of large tumors
- ▶ Safe and simple to use
- ▶ Resistance Controlled Automatic Power (RCAP) for reproducible results
- ▶ Broad spectrum of special bipolar applicators opens up new therapy options



Celon AG medical instruments
Rheinstrasse 8 · D-14513 Teltow
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Olympus Medical Systems Group

OLYMPUS

Your Vision, Our Future

Faculty

(as per date of printing)

Aortic Disease

Vienna/Austria

F. Fanelli (IT)
M. Funovics (AT)
T. Jahnke (DE)
H. Rousseau (FR)

Vascular Liver Interventions

Catania/Italy

J.I. Bilbao (ES)
L. Crocetti (IT)
T. De Baère (FR)
J. Lammer (AT)
F. Perona (IT)

Varicose Veins

London/United Kingdom

C.A. Binkert (CH)
J.A. Brookes (UK)
R. Salter (UK)
D.J. West (UK)

Basic Vascular

Heraklion/Greece

S. Müller-Hülsbeck (DE)
T. Rand (AT)
D. Tsetis (GR)
R. Uberoi (UK)

Critical Limb Ischemia

Hamburg/Germany

W. Gross-Fengels (DE)
C. Kopp (AT)
J.A. Reekers (NL)
G. Tepe (DE)

Advanced Liver Tumour Ablation

Pisa/Italy

Embolizasyon

Ankara/Turkey

B.E. Cil (TR)
H. Dinc (TR)
E. Ilgit (TR)
I. Rozanes (TR)

Venous Interventions - Haemodialysis Shunts

Ingolstadt/Germany

K.H. Schürmann (DE)
L. Turmel-Rodriguez (FR)
R. Uberoi (UK)
D. Vorwerk (DE)

Lung Interventions

Heilbronn/Germany

P. Pereira (DE)
T. Sabharwal (UK)
T. Vogl (DE)

Course Description

- All courses last 1.5 days (with the exception of the Advanced Liver Tumour Ablation course in Pisa, which lasts from Friday morning until Saturday evening), starting on Friday lunchtime and lasting until Saturday evening. When making your flight bookings, please make sure that you will be able to stay for the entire course.
- The courses are held in English (with the exception of the Embolisation course in Ankara, which is held in Turkish language).
- Local courses are limited to a maximum of 50 participants, to guarantee best learning experience.
- The detailed time schedule of each course is available at the CIRSE website www.cirse.org.
- The ESIR ensures the evaluation of all courses and guarantees professional and didactically experienced teachers.
- Plenary lectures cover a maximum of 1/3 of the total course time, allowing the rest to be used for repetitions in small groups (10-15 people) and interactive case review sessions.
- At the end of each course there will be a voluntary test consisting of 5 multiple choice questions per lecture.
- A certificate of attendance will be handed out for the participation of the whole course.
- The European School of Interventional Radiology is accredited by the European Accreditation Council for Continuing Medical Education (EACCME).

Aortic Disease

May 8-9, 2009

Local Host
M. Funovics

Faculty
F. Fanelli
M. Funovics
T. Jahnke
H. Rousseau

Vienna / Austria

This course is designed for physicians with experience in endovascular therapy who wish to broaden their horizon in endovascular treatment of aortic disease. It will impart knowledge of diagnostic imaging, planning and specific endovascular therapy for aortic disease in terms of thoracic aortic aneurysm, aortic Type B dissection and elective as well emergency aortic procedures for endovascular aortic repair (EVAR).

Practical skills focus on latest device technology to obtain a successful technical and clinical outcome. Workshops will offer further practical advice completed by an interactive case discussion. The invited speakers are European experts in their field. Web-based support after the course is also offered by these experts.

Vienna is the capital city of Austria lying in the east of the country, close to the Czech Republic, Slovakia and Hungary. With a population of about 2.3 million (within the metropolitan area), Vienna is by far the largest city in Austria as well as its cultural, economic, and political core.

Culture and the arts have a long tradition in Vienna, including theatre, opera, classical music and fine arts.

A number of United Nations offices and various international institutions and companies have their seat in Vienna. It boasts the 2nd highest quality of living worldwide and is quickly turning into a multicultural hub for both business and leisure travellers alike.

Along with the international and intergovernmental organisations, there are dozens of charitable organisations based in Vienna; these provide relief and assistance to tens of thousands of disadvantaged children and the needy in developing countries.



M. Funovics



F. Fanelli



T. Jahnke



H. Rousseau

Topics and Learning Objectives

Planning for Aortic Aneurysm Disease

M. Funovics (Vienna/AT)

- How to do CTA of the aorta
- How to do MRA of the aorta
- Which 3D reconstructions are useful?
- How to do correct measurements
- Clinical indications for EVAR

Thoracic Aortic Aneurysm

F. Fanelli (Rome/IT)

- How to approach a thoracic aortic aneurysm
- Natural history of thoracic aneurysms
- How to perform a pre-treatment evaluation:
CTA – MRA – DSA
- Therapeutic options
- How to do an endovascular treatment
- How to select the correct endoprosthesis
- Procedure complications: how to avoid and how to manage
- Tips and Tricks
- Complex cases

Aortic Dissection

T. Jahnke (Berlin/DE)

- To review the pathophysiology of aortic dissection
- To define indications for conservative, surgical and endovascular management
- To learn the procedural steps of stent grafting
- To be aware of potential complications

Elective Abdominal

M. Funovics (Vienna/AT)

- Technique of EVAR with bifurcated stentgrafts
- Technique of EVAR with aorto-uno-iliac stentgraft
- How to treat complications
- How to treat Type I A endoleaks
- How to treat Type II endoleaks
- How to treat Type III endoleaks

Aortic Emergencies

H. Rousseau (Toulouse/FR)

- To review the main imaging features that are key in the decision process
- To discuss when the patient should undergo stent grafting
- To discuss the outcomes and drawbacks of stent grafting

Time Schedule

Friday, May 8, 2009

12:00	Registration
12:30-18:00	Lectures
20:00	Welcome Dinner

Saturday, May 9, 2009

09:00-13:15	Repetitions of lectures in small groups
14:30-16:00	Interactive Case Discussion Forum
16:30-17:30	Voluntary Test & Certificate of Attendance

Venue

Allgemeines Krankenhaus – Universitätskliniken (AKH)
Währinger Gürtel 18-20
1090 Vienna
AUSTRIA

Vascular Liver Interventions

June 5-6, 2009

Local Host
A. Basile

Faculty
J.I. Bilbao
L. Crocetti
T. De Baère
J. Lammer
F. Perona

Catania, Sicily / Italy

This course is designed for physicians who wish to broaden their horizon in endovascular liver interventions. The course will include lectures covering liver anatomy; principles and outcomes of chemoembolisation; technique and indication of portal venous embolisation; combined radiofrequency and chemoembolisation; and radioembolisation.

Tutorials guided by teachers who will interactively discuss cases with a small group of participants will offer further opportunity for practical clinical advice and for learning the key "tips and tricks" of the techniques. The faculty is made up of well-known European experts in the field.

Catania is located on the east coast of Sicily, at the foot of the active volcano Mount Etna and is the second-largest city of the island. The position of Catania at the foot of Mount Etna was the source, as Strabo remarks, both of benefits and evils to the city. For on the one hand, the violent outbursts of the volcano from time to time desolated great parts of its territory; on the other, the volcanic ashes produced a soil of great fertility, adapted especially for the growth of vines. The ancient population of Sicels found and denominated their cities and villages choosing between geographical connotations and peculiar attributes of the locations they discovered and peopled. The Sicilian word "Katane" signifies "grater, flaying knife, skinning place or even a crude tool apt to pare". This term was immediately adopted by the new Greek colonists to rename the preexistent indigenous place which already had a like epithet. The Metropolis of Etna has always been rebuilt and set inside its typical black lavic landscape through the centuries under Roman, Arabic, Norman, Spanish, Austrian and borbonic domination up to the Unification of Italy (1861). The baroque city centre of Catania is a UNESCO World Heritage Site and offers a great nightlife with several typical restaurants and bars. Catania has a commercial seaport and an international airport well connected to several European cities also related to the close Taormina called the touristic pearl of Mediterranean sea.



A. Basile



J.I. Bilbao



L. Crocetti



T. De Baère



J. Lammer



F. Perona

Topics and Learning Objectives

Segmental & Vascular Anatomy of the Liver

F. Perona (Milan/IT)

- To define Couinaud's segmental anatomy of the liver
- To become familiar with anatomy of celiac trunk, hepatic arteries, portal and systemic veins
- To understand the importance of assessing non-hepatic arteries from hepatic arteries and extrahepatic supply to the tumour

Chemoembolisation (TACE, DEB)

J. Lammer (Vienna/AT)

- To learn the indications for chemoembolisation (TACE) of HCC
- To learn the correct technique of conventional TACE with drug and lipiodol
- To review the results of conventional TACE
- To learn about new techniques such as TACE with drug-eluting beads
- To review the results of TACE with drug-eluting beads
- To discuss the contraindications and complications of TACE

Portal Venous Embolisation

T. De Baère (Villejuif/FR)

- To know indications of preoperative portal vein embolisation
- To understand various technical aspects of preoperative portal vein embolisation
- To know potential advantages and disadvantages of preoperative portal vein embolisation
- To know potential anticancer therapy that can be added or must be stopped before and after preoperative portal vein embolisation
- To know predictive factor of success of preoperative portal vein embolisation

RF Ablation & TACE (Combination Therapy : RFA & TACE)

L. Crocetti (Pisa/IT)

- To understand indications, contraindications, results and limitations of radiofrequency ablation
- To learn about the synergy of radiofrequency ablation and transarterial chemoembolisation
- To appreciate the role of radiofrequency ablation and combined therapies in the therapeutic management of liver tumours

Radioembolisation

J.I. Bilbao (Pamplona/ES)

- To understand the treatment protocol
- To discuss the relevance of imaging and anatomy
- To discuss the safety and the results of radioembolisation

Time Schedule

Friday, June 5, 2009

12:00	Registration
12:30-18:00	Lectures
20:00	Welcome Dinner

Saturday, June 6, 2009

09:00-13:15	Repetitions of lectures in small groups
14:45-16:15	Interactive Case Discussion Forum
16:45-17:45	Voluntary Test & Certificate of Attendance

Venue

Jolly Hotel Bellini
Piazza Trento, 13
95129 Catania (CT)
ITALY

Varicose Veins

June 26-27, 2009

Local Host
T. Sabharwal

Faculty
C.A. Binkert
J.A. Brookes
R. Salter
D.J. West

London / United Kingdom

The treatment options of varicose veins have changed dramatically over the last few years. New therapies like endovenous laser treatment or radiofrequency ablation of varicose veins have shown similarly good results compared to conventional surgical stripping. The less invasive methods appeal to many patients because of the shorter recovery time. The catheter based treatments using mostly ultrasound guidance match the skill set of interventional radiologists very well. Therefore many interventionists, especially in the United States, have started successful vein practices.

The course will not only cover the details of the new techniques, but will also focus on the disease process of varicose veins and the indications of different treatment strategies. In addition ways how to build a vein practice will be illustrated including a special lecture on tips and tricks as well as adjunctive techniques for endovascular Varicose Veins treatment, covering indications and contraindications. This is especially important for interventional radiologists, because a successful vein practice entitles more than just performing the new minimal invasive therapies.

London is the capital and largest urban area of both England and the United Kingdom. It is the largest city in the European Union. The city is located in the southeast of England of the island Great Britain.

Since its foundation, London has been part of many movements and phenomena throughout history, including the English Renaissance, the Industrial Revolution, and the Gothic Revival.

It is now home to a range of universities, colleges and schools. London has a student population of about 378,000 and is a centre of research and development.

London is also one of the world's business, financial and cultural centers and its influence in politics, education, entertainment, media, fashion and the arts contribute to its status as a major global city.



T. Sabharwal



C.A. Binkert



J.A. Brookes



R. Salter



D.J. West

Topics and Learning Objectives

How to set up a practice

C.A. Binkert (Winterthur/CH)

- Requirements (personnel, equipment)
- Concept to treat all patients with varicose veins (endovenous treatment and ancillary therapies)
- Knowledge about the local reimbursement

Tips and Tricks

C.A. Binkert (Winterthur/CH)

- Selection of best entry point
- How to deal with difficult access including alternative approaches
- Details on ultrasound guidance and tumescent anaesthesia

Clinical Aspects - Indications/Contraindications

J.A. Brookes (London/UK)

- Clinical aspects and importance of varicose veins
- Diagnosis of varicose veins
- Classification of chronic venous insufficiency
- Treatment options in varicose vein disease
- Understanding the rationale of conservative, surgical and endovenous treatment - indications and contraindications for treatment
- Surgical treatment: technique, results and complications

Anatomy and Ultrasound

R. Salter (London/UK)

- Naming and localisation of the deep, superficial and perforating vein system of the leg
- Pathophysiology of venous insufficiency
- Most common types of varicose veins
- Basic principles of B-mode and Doppler ultrasound
- Performance of a standard ultrasound examination of the venous system of the leg
- Differentiation of a normal from a pathologic venous ultrasound examination of the leg
- How to mark/prepare the patient before venous ablation

Technique of Laser Ablation

J.A. Brookes (London/UK)

- Equipment/staff requirements - hardware and consumables
- Patient preparation and variations for different procedures including LSV/SSV/ATV/Unilateral/Bilateral
- Procedural methodology
 - Technical aspects: vein puncture, catheterisation, tumescent anaesthesia, laser energy delivery algorithms
 - Safety aspects
 - Variations and implications of all aspects
- Recovery and follow up
- Side effects, risk/benefit profile (pertaining to patient information and consent)

Adjunctive Techniques

D.J. West (Stroke on Trent, Staffs/UK)

- Who needs an adjunctive technique?
- What adjunctive techniques are available?
- How do the various adjunctive techniques compare?
- When and how are they performed?
- Which technique is suitable for which patient?
- Which side effects and complications can occur?
- Which equipment is necessary and what are the costs involved?

Time Schedule

Friday, June 26, 2009

12:00	Registration
13:00-17:00	Lectures
20:00	Welcome Dinner

Saturday, June 27, 2009

09:00-13:15	Repetitions of lectures in small groups
14:30-16:30	Interactive Case Discussion Forum
17:00-18:00	Voluntary Test & Certificate of Attendance

Venue

The UCH Education Centre

**1st Floor West
250 Euston Road
London
NW1 2PG
UNITED KINGDOM**

Basic Vascular

July 24-25, 2009

Local Host
D. Tsetis

Faculty
S. Müller-Hülsbeck
T. Rand
D. Tsetis
R. Uberoi

Heraklion, Crete / Greece

This course is designed for physicians who wish to offer basic endovascular treatments to their patients. It will concentrate on introducing organisation and basic catheter and wire skills. Different approaches to the treatment of peripheral vascular disease will be highlighted as well as inclusion and exclusion criteria and other appropriate treatments. Dedicated techniques for iliac, SFA and BTK interventions will be presented. Dialysis interventions management in Interventional Radiology will complete the course.

Practical skills will be broken down into simple step by step algorithms to obtain a successful technical and clinical outcome. Workshops will offer further practical advice including how to stay out of trouble, how to get out of it if you have not managed the former and when to call for help. The invited speakers are European experts in their field. Web-based support after the course is also offered by these experts.

Crete is the largest of the Greek islands and is equipped with a large number of tourist facilities. The reason why thousands of foreigners visit Crete each year, however is, not only the traditional Greek island experience, but also due to the remains of the archaic Minoan culture that flourished there thousands of years ago.

Some parts of the island have been overpowered by tourist resorts and massive hotels, but fortunately Crete does still allow for exploring endless beaches, numerous villages, remote mountains and some natural curiosities like caves and gorges for those who take pains to avoid the 'madding crowds'.

Located almost in the centre of Crete, Heraklion has always played a significant part in the history of the island. It has worn different names throughout the years: Heraklion, Hancaklas, Candi and Heraklion again since 1922. Today's city has a modern commercial centre with many cultural attractions.



D. Tsetis



S. Müller-Hülsbeck



T. Rand



R. Uberoi

Topics and Learning Objectives

How to gain arterial and venous access safely

D. Tsetis (Heraklion/GR)

- Basic principles of femoral, popliteal, pedal, brachial, radial, axillary arterial access
- Basic principles of femoral, arm, jugular venous access
- Technical specific aspects of each type of access
- What is the role of US guidance?
- Advantages and drawbacks of each type of access
- Management of complication

Iliac Interventions

D. Tsetis (Heraklion/GR)

- Patient selection according to clinical and TASC criteria
- Technique for crossing stenoses-occlusions
- Is there a place for catheter-directed thrombolysis?
- Indications for stenting and stent selection
- When should we use covered stents?
- Anticoagulation/Antiaggregant therapy
- Follow-up
- Treatment of restenosis
- Outcome
- Complications and how to manage

SFA Interventions

T. Rand (Vienna/AT)

- Indications for endovascular therapy of the SFA
- TASC criteria regarding SFA treatment
- Stents and balloons overview: state of the art
- Endovascular therapy of the SFA I : standard techniques
- Endovascular therapy of the SFA II : cryoplasty, cuttingballoon, subendothelial revascularisation
- Which technique for which lesion?
- Complex lesions of the SFA
- Management of bypass recidive stenosis
- Management of complications

Below the knee interventions

S. Müller-Hülsbeck (Flensburg/DE)

- Clinical Indication + Guidelines
- Endovascular Approach
- Update on latest BTK data
- New Materials
- Case Review Tricks + Complication Management

Dialysis Interventions

R. Uberoi (Oxford/UK)

- Surveillance programmes
- Indications/contra-indications and patient selection
- Pre-imaging and planning cases
- Equipment standard and specialist including bail out devices
- Access and approach for different lesions including chronic stenosis/occlusions and acute occlusions
- Basic procedure for stenosis and occlusions including acute occlusion
- Stenting, high pressure balloons and cutting balloons. When to use them?
- Managing complications

Time Schedule

Friday, July 24, 2009

12:00	Registration
13:00-17:30	Lectures
20:00	Welcome Dinner

Saturday, July 25, 2009

09:00-13:15	Repetitions of lectures in small groups
14:30-16:00	Interactive Case Discussion Forum
16:30-17:30	Voluntary Test & Certificate of Attendance

Venue

University Hospital of Heraklion
Department of Radiology
Heraklion/Crete
GREECE

Critical Limb Ischemia

August 28-29, 2009

Local Host
W. Gross-Fengels

Faculty
W. Gross-Fengels
C. Kopp
J.A. Reekers
G. Tepe

Hamburg / Germany

This course is designed for physicians who wish to train their skills in CLI endovascular treatment. It will impart knowledge of basic and specific endovascular therapy in order to handle infraaortic arterial occlusions like iliac, superficial femoral artery, popliteal artery and below the knee procedures in critical limb ischemia.

Practical skills focus on latest device technology, wound management, imaging and dedicated recanalization technique, especially focused on the BTK level. Workshops will offer further practical advice completed by an interactive case discussion forum. The invited speakers are European experts in their field. Web-based support after the course is also offered by these experts.

Hamburg, the green city on the river, is said to be one of the most beautiful cities in Germany. Everybody who has visited Hamburg raves about its flair and maritime charms.

With 1.8 million inhabitants, Hamburg is the second-largest city in Germany, offering an array of unique features: arts and culture at its finest; world renowned musicals; superior and entertaining theatre; a great diversity of hotels; excellent restaurants; exquisite shopping opportunities; exciting night life and an abundance of historical landmarks.

The port, the heart of the city, is the second largest in Europe. Hamburg welcomes you and wishes you a wonderful time.



W. Gross-Fengels



C. Kopp



J.A. Reekers



G. Tepe

Topics and Learning Objectives

Medical and Wound Management

C. Kopp (Vienna/AT)

- How to reduce cardiovascular risk in patients critical limb ischemia by medical intervention in order to reduce major adverse cardiovascular events
- What medication is indicated in PAD at which dose?
- Latest on antithrombotic, statins, ACE-inhibitors/ARB's, anti-diabetics and anticoagulants in PAD
- Basics in Wound healing and Management

Imaging and Therapy Planning & Iliac Occlusions

W. Gross-Fengels (Hamburg/DE)

- Imaging techniques of the iliac arteries
- Special anatomic situations
- Special access to the iliac arteries
- The pulseless femoral artery
- Materials and methods
- Use of vascular closure devices
- Hybrid-techniques and what should be reserved for open surgery
- How to avoid and deal with complications

Recanalisation techniques

J.A. Reekers (Amsterdam/NL)

- The clinical pattern of critical ischemia
- Patient selection for subintimal angioplasty
- Technique and follow-up of subintimal angioplasty
- Results
- New materials
- Illustrative case discussions during video presentations

Below the Knee

G. Tepe (Tubingen/DE)

- Which CLI patients need endovascular therapy?
- How to do BTK intervention? A practical interactive approach
- Plain balloon angioplasty, stents and drug eluting stents: what to take when?
- Current and future trials and BTK endovascular therapy. What do and will they tell us?

Time Schedule

Friday, August 28, 2009

12:00	Registration
13:00-17:30	Lectures
20:00	Welcome Dinner

Saturday, August 29, 2009

09:00-13:15	Repetitions of lectures in small groups
14:30-16:00	Interactive Case Discussion Forum
16:30-17:30	Voluntary Test & Certificate of Attendance

Venue

Technische Universität Hamburg-Harburg (TUHH)
Schwarzenbergstr. 95
Zentrales Hörsaalgebäude, Eingang Denickestraße
www.tu-harburg.de
21073 Hamburg
GERMANY

Embolizasyon

23 – 24 EKİM 2009

(Course in Turkish Language)

KURS DÜZENLEYİCİLERİ

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E. Ilgit

KONUŞMACILAR

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I. Rozanes

Ankara / Türkiye

Son yıllarda embolizasyon yöntemlerinde yaşadığımız teknik gelişmeler ile bu yöntem bir çok radyoloji birimde en sık uygulanan acil vasküler girişim durumuna gelmiştir. Ayrıca embolizasyon hepatik tümörler ve uterin fibroid tedavisinde de etkinliğini göstermektedir.

Bu kurs, katılımcıların, patolojiye ve kullanılan materyallere göre embolizasyon teknikleri konusundaki bilgilerini arttırma amacına yöneliktir. Dersleri, katılımcılar arasında tartışmalara olanak veren ve girişimlerin özellikli yönlerine odaklanan küçük grup çalışmaları izleyecektir.

Ankara, Türkiye'nin başkenti ve İstanbul'dan sonraki ikinci büyük şehridir. Anadolu'nun merkezinde, 4,5 milyon nüfuslu bir şehirdir. Atatürk'ün kurucusu olduğu modern Türkiye Cumhuriyeti'nin kalbi olarak tarih, kültür ve eğitimin merkezidir.

Ankara ve çevresinin tarihi, bronz çağ Hatti uygarlığına kadar uzanmaktadır. Şehirdeki arkeolojik alanlar ve müzeler bu gerçeği açık olarak göstermektedir. Ankara ismi çapa anlamına gelen "Ancyra" kelimesinden gelmektedir. Efsaneye göre şehir, Frigya kralı Midas'ın rüyasında görmesi üzerine verdiği emir ile kurulmaya başlanmıştır. Şehir tiyatro, opera ve bale için bir merkez olup bir çok sanatsal kuruma da ev sahipliği yapmaktadır. Her yıl düzenlenen bir çok festival ve fuar yoğun ilgi görmektedir. Oniki üniversite ve yarım milyon öğrenci şehrin eğitim ve bilimdeki temel gücünü göstermektedir.



O. Akhan



E. Ilgit



B.E. Cil



H. Dinc



I. Rozanes

Programı

Hepatik Tümörler

B.E. Cil (Ankara/TR)

- Karaciğer tümörlerinin tedavisinde kullanılan transarteriyel tedavilerin endikasyonlarını öğrenmek
- Karaciğer tümörlerinin tedavisinde kullanılan transarteriyel tedavilerin değişik tekniklerini öğrenmek
- İlaç salınlımlı partiküllerin kullanımını öğrenmek
- Radyasyon salınlımlı mikroküreciklerin kullanımını öğrenmek

Travmaya sekonder vasküler patolojilerin endovasküler tedavisi

I. Rozanes (İstanbul/TR)

- Genel prensipler
- Hedef anatomi
- Embolik ajanlar
- Püf noktalar
- Klinik senaryolar
 - Karaciğer lezyonları
 - Dalak lezyonları
 - Böbrek lezyonları
 - Pelvik lezyonlar
 - Ekstremiteler lezyonları
- Komplikasyonlar

Gastrointestinal Kanamalar

E. Ilgıt (Ankara/TR)

- GIS kanamalarının tanı ve tedavisine yönelik radyolojik görüntülemenin değerlendirilmesi
- GIS kanamalarının tanı ve tedavisinde anjiyografinin rolü
- GIS kanamalarının tedavisinde embolizasyon endikasyonları
- Vasküler anatomi ve varyasyonların değerlendirilmesi
- Embolizasyon materyalleri ve tekniğinin değerlendirilmesi
- GIS kanamalarının tedavisinde embolizasyon sonuç, sınırlama ve olası komplikasyonları

Uterin fibroid embolizasyonu (UFE)

H. Dinc (Trabzon/TR)

- Uterin arter embolizasyonunun (UAE) endikasyon ve kontraindikasyonları
- Pelvik ve uterin arterlerin, varyasyon ve anastomozlarının anjiyografik olarak görüntülenmesi
- UAE tekniği, embolik ajan seçimi ve embolizasyonda durma noktası
- Embolizasyonla ilişkili komplikasyonlar
- UFE sonuçları
- Fibroidlerin embolizasyon öncesi ve sonrası görüntülenmesi
- Masif vajinal kanamalı hastalarda UAE'nin etkinliği

Kurs Programı

23 EKİM 2009, CUMA

12:00	KAYIT
13:00 – 17:30	KURSLAR
20:00	AKŞAM YEMEĞİ

24 EKİM 2009, CUMARTESİ

09:00 – 13:15	KONUŞMALARIN KÜÇÜK GRUPLARA TEKRARI
14:30 – 16:00	İTERAKTİF OLGU TARTIŞMALARI
16:30 – 17:30	GÖNÜLLÜ SINAV VE KATILIM BELGELERİ

Toplantı Yeri

Gazi Üniversitesi

Tıp Fakültesi

Beşevler

06510-Ankara

TÜRKİYE

Venous Interventions – Haemodialysis Shunts

November 13-14, 2009

Local Host
D. Vorwerk

Faculty
K.H. Schürmann
L. Turmel-Rodriguez
R. Uberoi
D. Vorwerk

Ingolstadt / Germany

This course is designed for physicians who wish to offer basic endovascular treatments to their patients suffering from venous disease or hemodialysis shunts malfunction. It will concentrate on introducing patient selection algorithms. Different approaches to the treatment of peripheral venous disease will be highlighted as well as appropriate techniques for shunt interventions. Dedicated lectures covering cava filters and venous stents as well as percutaneous dialysis catheters will complete the course.

Practical skills will be broken down into simple step by step algorithms to obtain a successful technical and clinical outcome. Workshops will offer further practical advice including how to stay out of trouble, how to get out of it if you have not managed the former and when to call for help. The invited speakers are European experts in their field. Web-based support after the course is also offered by these experts.

Ingolstadt is a city in the Free State of Bavaria, Germany. It is located along the banks of the Danube River in the centre of Bavaria. With a population of 122,000 it is the second-largest city in Upper Bavaria after Munich.

Ingolstadt is part of the larger Munich Metropolitan Area and not only home to the headquarters of the German automobile manufacturer Audi, but also to those of the electronic stores Media Markt and Saturn.

Ingolstadt is known for its high academic quality and is the home of well-established business schools and universities.



D. Vorwerk

K.H. Schürmann L. Turmel-Rodriguez R. Uberoi

Topics and Learning Objectives

Indications/Contraindications Patient Selection & Imaging

R. Uberoi (Oxford/UK)

- Indications/contra-indications for shunt/fistula intervention (reduced flow, difficult needling, frequent clot withdrawal, etc)
- What imaging techniques are available for detection of lesions
- Options available for managing fistula/shunt dysfunction

Technique of shunt angioplasty

L. Turmel-Rodriguez (Tours/FR)

- Understand the relationship between clinical abnormalities and location of stenoses
- Choose a technique of diagnostic angiography in agreement with the request of nephrologists or surgeons
- Make the difference between the stenoses that should be treated and those that should not
- Choose the appropriate cannulation site, guidewire and dilation balloon to pass and treat stenoses
- Be able to decide when a residual stenosis has to be either accepted or more aggressively treated
- List the acceptable indications for stent placement

Recanalisation of occluded Shunts

D. Vorwerk (Ingolstadt/DE)

- To understand percutaneous thrombectomy in dialysis fistulas
- To understand percutaneous thrombectomy of implant shunts and grafts
- To learn about contraindications for percutaneous thrombectomy
- To understand technical differences differential application between aspiration thrombectomy, PTA, mechanical thrombectomy and thrombolysis
- To understand how to avoid and treat complications

Cava filters & venous stenting

K.H. Schürmann (Dortmund/DE)

- The indications and contraindication for vena cava filter placement
- The different types of vena cava filters
- Techniques of implantation and retrieval of vena cava filters
- The scientific evidence for the efficacy of vena cava filter treatment
- Indications for venous stenting
- Basic technical aspects of venous stent placement

Percutaneous Dialysis Catheters

R. Uberoi (Oxford/UK)

- Indications for lines v Fistula
- Catheter types available
- Techniques for placement of lines
- Complications
- Removal of long term lines

Time Schedule

Friday, November 13, 2009

12:00	Registration
12:30-18:00	Lectures
20:00	Welcome Dinner

Saturday, November 14, 2009

09:00-13:15	Repetitions of lectures in small groups
14:30-16:00	Interactive Case Discussion Forum
16:30-17:30	Voluntary Test & Certificate of Attendance

Venue

KLINIKUM INGOLSTADT
Krumenauerstraße 25
85049 Ingolstadt
GERMANY

Lung Interventions

December 11-12, 2009

Local Host
P. Pereira

Faculty
T. Graeter
U. Martens
P. Pereira
T. Sabharwal
T. Vogl

Heilbronn / Germany

This course is designed for physicians who wish to train their skills in lung interventions. It will impart knowledge of basic and specific thoracic procedures in order to handle lung biopsies, radiofrequency ablation and chemoembolisations of lung tumours, and bronchial stenting.

Lectures will focus on latest device technology to obtain a successful technical and clinical outcome. Workshops will offer further practical advice completed by interactive case discussion. The invited speakers are European experts in their field who will also offer web-based support after the course.

Heilbronn is a city in northern Baden-Württemberg, Germany. It is completely surrounded by Heilbronn County and with approximately 120,000 residents it is the sixth-largest city in the state.

The city of Heilbronn is located in the northern corner of the Neckar basin at the bottom of the Wartberg. It is a former Imperial Free City and a current independent city (i.e. not part of any county) and seat of Heilbronn County.

Viticulture has a long tradition in Heilbronn and is an important part of its economy to this day.



P. Pereira



T. Sabharwal



T. Vogl

Topics and Learning Objectives

Lung biopsy

T. Sabharwal (London/UK)

- Clinical indications for biopsy
- Contraindications for biopsy
- Relevant anatomy
- Equipment
- Technique
- Complications

RF ablation of lung tumours

P. Pereira (Heilbronn/DE)

- How to select patients for RFA of lung tumours
- How to perform RFA of lung tumours
- Anatomopathological correlations
- Current clinical results of lung RFA

Chemoembolisation techniques

T. Vogl (Frankfurt am Main/DE)

- To understand the role of transarterial chemoembolisation in lung tumours
- To learn about patient selection for lung TPCE
- To be aware of related complications during and after the intervention

Complications

T. Sabharwal (London/UK)

- To understand most frequent complications related to lung interventions
- To discuss tips and tricks to avoid complications
- To understand how to manage complications related to lung interventions

Lung Tumour

T. Greater (Löwenstein/DE)

Chemotherapy

U. Martens (Heilbronn/DE)

Time Schedule

Friday, December 11, 2009

12:00	Registration
13:00-17:30	Lectures
20:00	Welcome Dinner

Saturday, December 12, 2009

09:00-13:15	Repetitions of lectures in small groups
14:30-16:00	Interactive Case Discussion Forum
16:30-17:30	Voluntary Test & Certificate of Attendance

Venue

SLK-Clinics
Ruprecht-Karls-University Heidelberg
Am Gesundbrunnen 20-26
74078 Heilbronn
GERMANY

Advanced Liver Tumour Ablation- Hands-On Course

October 16-17, 2009

Local Host
R. Lencioni

Pisa / Italy

This course is designed for physicians with experience in liver interventions who wish to broaden their horizons in new ablation techniques and approaches to treat liver tumours. Following a review of results and limitations of current radiofrequency ablation techniques, novel technologies - including microwaves, irreversible electroporation, cryoablation, focused ultrasound – will be introduced and potential advantages illustrated.

Lectures will focus on latest device technology to obtain a successful technical and clinical outcome as well as on tips and tricks to optimise image guidance and monitoring, treatment of lesions in difficult locations, protocols for large or multiple lesions, management of residual or recurrent tumours. Special consideration will be given to the early detection and management of treatment-related complications. Workshops will offer practical advice with hands-on sessions as well as interactive clinical case discussions. The invited speakers are well-known experts in the field.

Pisa is one of the main cities of the Tuscany area in central Italy and the capital city of the Province of Pisa. The city lies at the junction of two rivers, Arno and Serchio in the Ligurian Sea forming a laguna area.

The city is known worldwide for its famous bell tower – the Leaning Tower of Pisa. While the Leaning Tower is the most famous image of the city, it is only one of many remarkable architectural structures in the city's Piazza del Duomo, which since 20th century has also been known as the Piazza dei Miracoli (Square of Miracles) and is located to the north of the old town centre. The Piazza del Duomo also houses the Duomo (the Cathedral), the Baptistery and the Camposanto Monumentale (the monumental cemetery).

**Hands-On
Course**

Topics and Learning Objectives

State of the art RF ablation

Patient selection, technique, and outcomes in hepatocellular carcinoma

- To understand proper patient staging and selection criteria
- To discuss state-of-the-art RF ablation to treat hepatocellular carcinoma
- To present long-term results and limitations

Patient selection, technique, and outcomes in hepatic metastases

- To understand proper patient staging and selection criteria
- To discuss state-of-the-art RF ablation to treat hepatic metastases
- To present long-term results and limitations

Combination strategies

Chemoembolisation followed by RF ablation

- To describe the rationale for the sequential use of chemoembolisation and RF ablation
- To present techniques and methods
- To discuss long-term results and complications

RF ablation followed by chemoembolisation

- To describe the rationale for the sequential use of RF ablation and chemoembolisation
- To present techniques and methods
- To discuss long-term results and complications

New thermal and non-thermal techniques

Microwave ablation

- To illustrate basic principles and techniques of microwave ablation
- To understand potential advantages of microwave ablation in liver tumour treatment
- To review experimental findings and clinical data

Cryoablation

- To illustrate basic principles and techniques of cryoablation
- To understand potential advantages of cryoablation in liver tumour treatment
- To review experimental findings and clinical data

Focused ultrasound

- To illustrate basic principles and techniques of focused ultrasound
- To understand potential advantages of focused ultrasound in liver tumour treatment
- To review experimental findings and clinical data

Irreversible electroporation

- To illustrate basic principles and techniques of irreversible electroporation
- To understand potential advantages of irreversible electroporation in liver tumour treatment
- To review experimental findings and clinical data

Technique does matter: tips and tricks

How to optimize image guidance and monitoring

- To discuss the role of imaging guidance in liver ablation
- To understand the advantages of fusion imaging systems with real-time navigation
- To learn about methods to monitor treatment

How to approach lesions in difficult locations

- To understand what locations are difficult to treat and why
- To learn about methods to treat tumours in difficult or risky locations
- To assess safety of different ablative techniques in treating tumours in difficult locations

How to treat large and multiple lesions

- To understand the role of imaging in staging
- To assess the role of different ablative techniques and combined therapies in treating large and multiple lesions
- To discuss the goals and outcomes of ablative techniques in advanced disease

How to manage residual/recurrent tumour

- To understand main causes of treatment failure
- To assess the role of imaging in evaluating residual or recurrent tumour
- To understand how to choose among different ablative techniques and combined therapies to treat residual or recurrent tumour

Management of complications

- To understand most frequent complications related to liver ablation
- To discuss timely identification of complications
- To understand how to manage complications related to liver ablation

Imaging tumour response: new criteria and pitfalls in interpretation

- To understand recent updates of response evaluation criteria for solid tumours
- To discuss optimized imaging protocol for assessment of tumour response
- To understand failures and pitfalls in interpretation

Preliminary Time Schedule

Friday, October 16, 2009

08:00	Registration
08:30-17:30	Lectures
20:00	Welcome Dinner

Saturday, October 17, 2009

08:30-18:30	Full Day Hands – On Workshop
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Venue

Hotel San Ranieri
Via Mazzei - Cisanello
56124 Pisa
ITALY

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Institute Courses 2009



In addition to the Local Courses, the CIRSE Foundation will organise courses in the training institutes of two of our industry partners - Abbott Vascular and Cordis - in 2009.

The scientific and educational programme as well as the faculty will be determined exclusively by CIRSE. Our industry partners will kindly provide the infrastructure of their institutes including latest simulator technology.

More information about these courses and registration will be available soon at www.cirse.org.

Cordis Cardiac & Vascular Institute (CCVI) Hamburg (DE)

Basic Lower Limb - Hands-On Course
October 12-13, 2009

Advanced Lower Limb - Hands-On Course
December 1-2, 2009

Crossroads Institute (Abbott) Diegem (BE)

**Introduction to Peripheral Vascular Interventions -
Hands-On Course**
June 22-23, 2009

**Advanced Techniques for treating PAOD -
Hands-On Course**
October 22-23, 2009

*For further information and registration, please refer to
www.cirse.org.*



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Registration Information

General Information

- Please use the online facilities provided at www.cirse.org to register for your desired course(s).
- Kindly note that the number of participants per course is limited and registrations will be accepted on a first come first served basis.
- To attend the ESIR 2009 courses as a member, CIRSE membership fee for the year 2008 must be settled.
- Resident (radiologist in training) registrations must be accompanied by a confirmation of this status signed by the head of the department.
- Please note that your registration becomes valid only after receipt of payment and after confirmation by the CIRSE Central Office.
- When making your flight bookings, please make sure that you will be able to stay for the entire course. Courses start on Friday lunchtime and last until Saturday evening.

Terms of Cancellation

- In case of cancellation of the registration by the participant
- > 4 weeks before the course date, the registration fee less 30% for administrative costs will be refunded,
 - < 4 weeks before the course date, no refund will be granted.

If less than 30 participants register, ESIR reserves the right to cancel a course at least 4 weeks prior to its beginning.

Registration Fee

The registration fee includes:

- Course attendance
- Teaching material for the course (syllabus)
- Coffee breaks
- Welcome dinner

Early Registration Fees

(until 8 weeks prior to the course date)

Member	€	120,00
Non-Member	€	270,00
Resident Member	€	50,00
Resident Non-Member	€	120,00

Fees refer to one course.

Resident (radiologist in training) registrations must be accompanied by a confirmation of this status signed by the head of the department.


Late Registration Fees

(after 8 weeks prior to the course date)

Member	€	220,00
Non-Member	€	370,00
Resident Member	€	80,00
Resident Non-Member	€	150,00

Fees refer to one course.

Resident (radiologist in training) registrations must be accompanied by a confirmation of this status signed by the head of the department.



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- Free subscription to the scientific journal CVIR (Cardio Vascular and Interventional Radiology) with 6 issues per year and the CIRSE Newsletter IR News with 2 issues per year.
- Free access to the Members Lounge on the CIRSE website and all online education tools, including EPOS™, Springer Link (online version of CVIR), Online Lectures at www.esir.org and much more.

To apply for CIRSE Membership, please complete the Membership Application Form at www.cirse.org.

Requirements

Two Members should sponsor the application for Membership. The Membership Committee will assess all applications. The names of applicants who receive preliminary approval by the Membership Committee will be published in the society's newsletter and a period of four weeks, starting on the date of publication, shall be allowed for members to comment on the applicants' suitability. After this period, the Membership Committee will make its final decision (within four weeks) on membership, subject to ratification by the Executive Committee.

If you do not know any other CIRSE Members and therefore do not have supporters of your application, please contact us at info@cirse.org.

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A large stone statue of Vasco da Gama, a Portuguese explorer, is shown in profile, facing left. He is wearing a cap and a long robe. In the background, a smaller statue of a sailing ship is visible. The entire scene is set against a clear blue sky.

Lisbon, Portugal September 19-23 **CIRSE 2009**

INNOVATION EDUCATION INTERVENTION

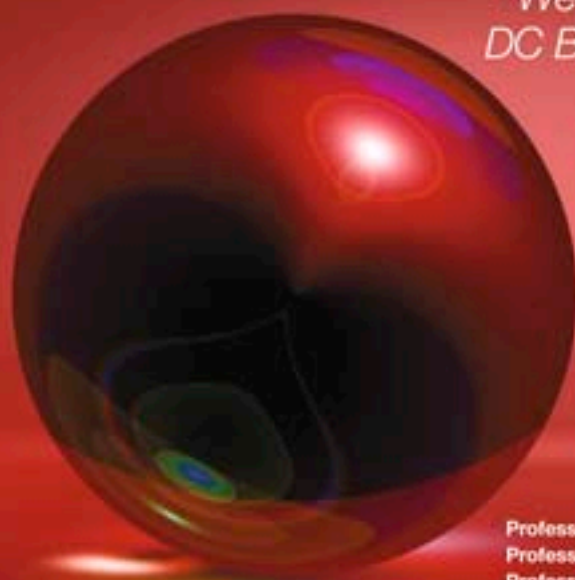
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MAIN TOPICS

- **Vascular Interventions**
- **Transcatheter Embolization**
- **Non-Vascular Interventions**
- **Interventional Oncology**
- **Clinical Practice**
- **Imaging**

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Professor Anthony Watkinson, Exeter, UK

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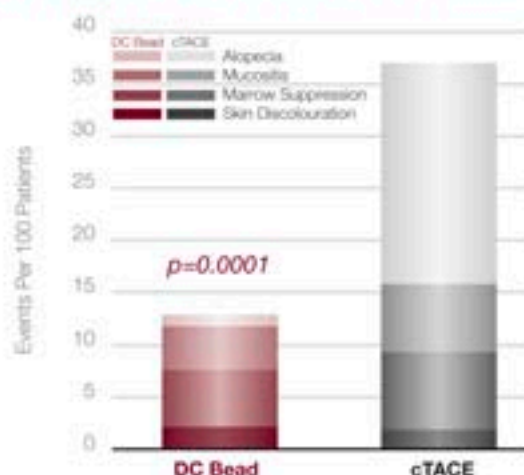
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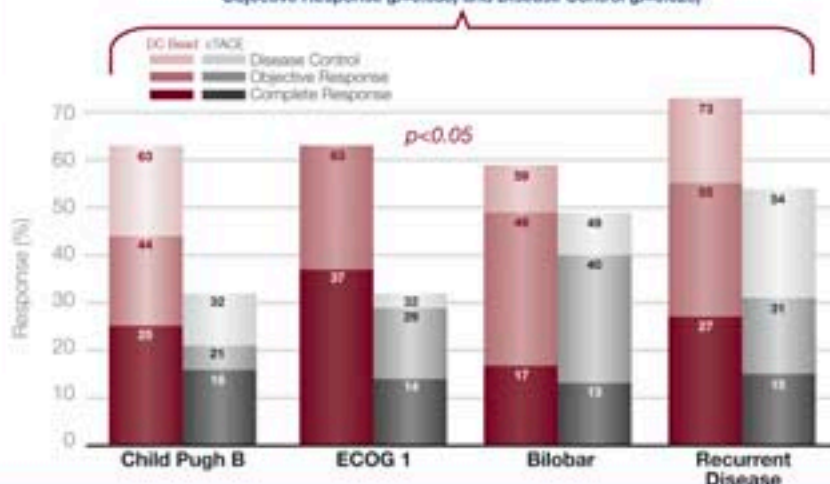
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