ESIR

Course Programme 2008

European School of Interventional Radiology

Cardiovascular and Interventional Radiological Society of Europe

CIRSE foundation

Contents

The ESIR course programme 2008 is supported through educational grants from the professional education programme sponsors.

Gold sponsors:
Cook Medical, Cordis

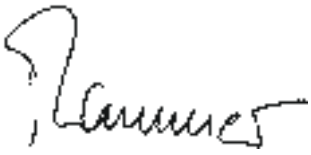
Silver sponsors:
Abbott, Boston Scientific, Celon, Celonova, St. Jude Medical, ev3

Dear Colleagues,

In the last two years the European School of Interventional Radiology has been a tremendous success. The ESIR courses in 2006 and 2007 reached hundreds of young interventionists, proofing once again the great importance of intensive training and further education.

2008 will see the commencement of many new projects within the ESIR. Most importantly the number of ESIR courses supported by the CIRSE Foundation will be expanded to 13. Furthermore the courses in local hospitals and universities will be complemented by courses taught in various company institutes. These state-of-the-art facilities will enable us to provide hands-on experience, adding a practical aspect to the theoretical lectures and case discussions. Other than that the ESIR courses will continue in their usual format, combining lectures by internationally renowned experts and interactive case discussions, which have proven to be very popular with course participants.

It is CIRSE's fundamental belief that in order to contribute to the growth and development of our speciality we must focus on training and further education. I am confident that the ESIR's highly successful and expanding programme will assure appropriate training and education for the next generation of Interventional Radiologists and look forward to contributing to this great project heading the CIRSE Foundation in the next two years.



Johannes Lammer
Chairman of the CIRSE Foundation

CIRSE Foundation Advisory Council

Chair: J. Lammer (Vienna/AT)

Vascular Division
Chair: S. Müller-Hülsbeck (Flensburg/DE)

C. A. Binkert (Winterthur/CH)
T. J. Cleveland (Sheffield/UK)
F. Fanelli (Rome/IT)
K. Hausegger (Klagenfurt/AT)
J. A. Reekers (Amsterdam/NL)
M. R. Sapoval (Paris/FR)
D. Tsetis (Heraklion/GR)
R. Uberoi (Oxford/UK)

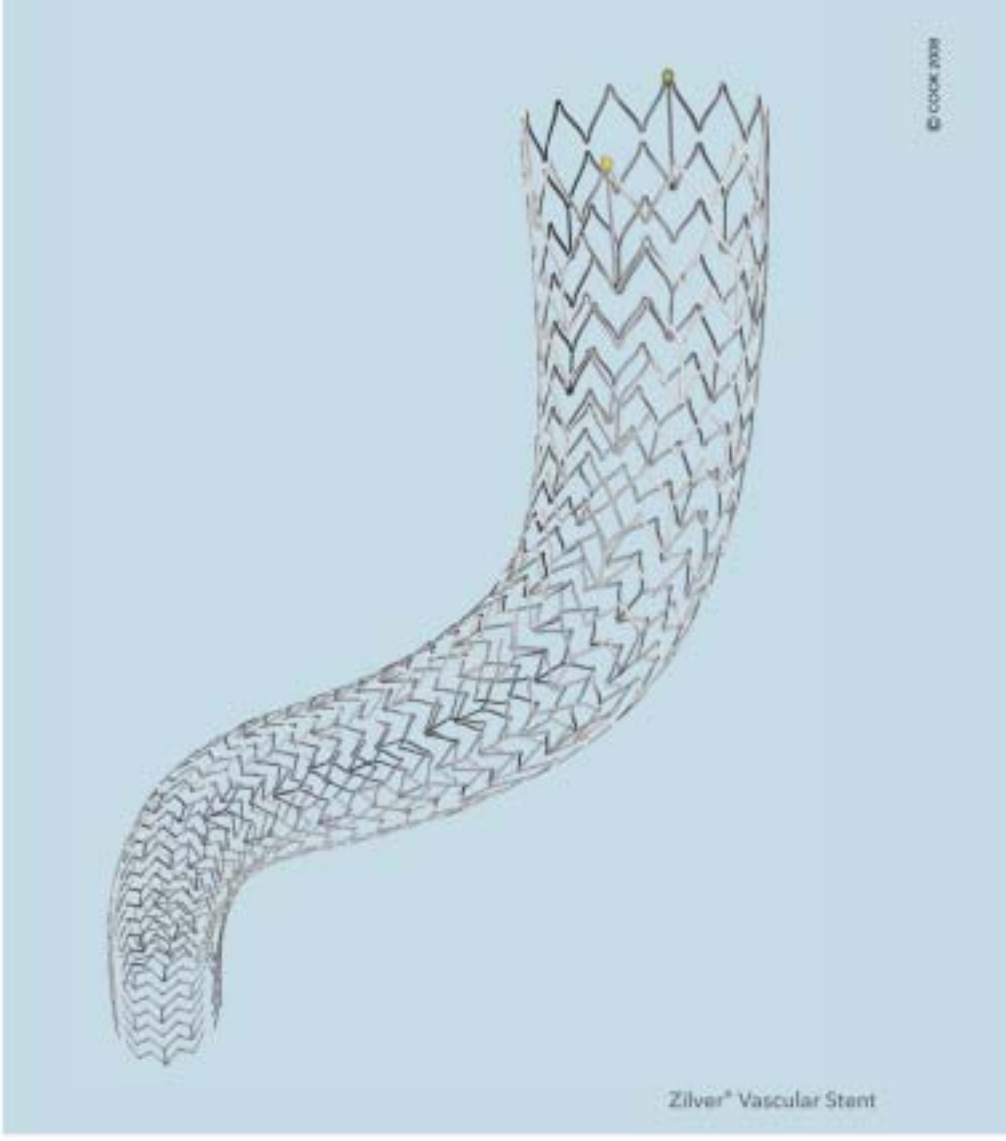
Oncology Division
Chair: R. Lencioni (Pisa/IT)

J. I. Bilbao (Pamplona/ES)
T. de Baere (Villejuif/FR)
A. Hatzidakis (Heraklion/GR)
T. K. Helmberger (Munich/DE)
T. J. Kroencke (Berlin/DE)
J. P. Pelage (Boulogne/FR)
P. Pereira (Tübingen/DE)
T. Sabharwal (London/UK)

Flexor® Technology Guiding Sheath

Advance ATB® PTA Dilatation Catheter™

Celect™ Vena Cava Filter



Zilver® Vascular Stent

Where ingenuity and integrity converge

For 44 years, Cook Medical has served the world's clinical community by providing products and services to support interventional medicine.

It is simple. You can be confident that each Cook product you use will perform in even the most challenging cases. And, when you need assistance, Cook empowers our people to help you do what is best for every patient every time – period.

For more information, visit the Cook Medical booth, or www.cookmedical.com

COOK® MEDICAL

PERIPHERAL INTERVENTION

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 nterventional Radiology can offer them.**

Course Overview 2008

No	Title / Venue	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	**Peripheral Arterial Disease** Amsterdam (NL)			Mar 28-29									
1F	**Ablation tumorale par l' image** Strasbourg (FR)			Mar 28-29									
2	**Aortic Diseases** Budapest (HU)					May 30-31							
3	**Varicose Veins** Winterthur (CH)						Jun 20-21						
4	**Image-Guided Radiofrequency Tumour Ablation** Heraklion (GR)							Jul 18-19					
5	**Non-Vascular Upper GI Interventions** Novi Sad (RS)										Oct 10-11		
6	**Peripheral Arterial Disease Hands-On Course** Hamburg (DE)										Oct 17-18		
6S	**Embolización** Valencia (ES)										Oct 17-18		
7	**Carotid and Renal Stenting** Prague (CZ)										Oct 31 Nov 01		
8	**Vascular Interventions - Basic Course** Moscow (RU)											Nov 07-08	
9	**Carotid Stenting Hands-On Course** Hamburg (DE)											Nov 14-15	
10	**Carotid Artery Stenting Hands-On Course** Diegem (BE)											Nov 20-21	
11	**Interventional Treatment of Peripheral Arterial Disease Hands-On Course** Diegem (BE)											Nov 27-28	

Cordis®

CARDIAC & VASCULAR INSTITUTE BVBA

A Network of Expertise dedicated to Advancing Cardiac and Vascular Care across the Globe.

Global Education in Cardiac and Vascular Health

Providing healthcare professionals with essential educational programs, simulation workshops, technology forums and scientific symposia - promoting understanding and treatment in:

- Cardiovascular Disease
- Neurovascular Disease
- Peripheral Vascular Disease

For more information, please contact your Cordis representative.

Faculty

(as per date of printing)

Peripheral Arterial Disease
Amsterdam (NL)
C. W. Kopp (Vienna/AT)
H. I. Manninen (Kuopio/FI)
J. A. Reekers (Amsterdam/NL)
G. Tepe (Tübingen/DE)

Ablation tumorale par l'image
Strasbourg (FR)
T. de Baere (Villejuif/FR)
C. Dromain (Villejuif/FR)
A. Gangi (Strasbourg/FR)
J. Palussière (Bordeaux/FR)

Aortic Diseases
Budapest (HU)
V. Berczi (Budapest/HU)
F. Fanelli (Rome/IT)
T. J. Cleveland (Sheffield/UK)
J. Lammer (Vienna/AT)
H. Rousseau (Toulouse/FR)

Varicose Veins
Winterthur (CH)
C. A. Binkert (Winterthur/CH)
J. A. Brookes (London/UK)
R. Bucek (Vienna/AT)
D. J. West (Stroke on Trent, Staffs/UK)
P. Wigger (Winterthur/CH)

Image-Guided Radiofrequency Tumour Ablation
Heraklion (GR)
D. J. Breen (Southampton/UK)
R.-T. Hoffmann (Munich/DE)
J. Kettenbach (Vienna/AT)
R. Lencioni (Pisa/IT)

Non-Vascular Upper GI Interventions
Novi Sad (RS)
F. Fanelli (Rome/IT)
A. Hatzidakis (Heraklion/GR)
M. Lee (Dublin/IE)
T. Sabharwal (London/UK)

Embolización
Valencia (ES)
M. A. de Gregorio (Zaragoza/ES)
J. Palmero da Cruz (Valencia/ES)
I. Pinto Pabón (Madrid/ES)
M. I. Real Martí (Barcelona/ES)

Carotid and Renal Stenting
Prague (CZ)
T. J. Cleveland (Sheffield/UK)
J. H. Peregrin (Prague/CZ)
L. Stockx (Gent/BE)
D. Vorwerk (Ingolstadt/DE)

Vascular Interventions - Basic Course
Moscow (RU)
E. Brountzos (Athens/GR)
B. Dolgushin (Moscow/RU)
T. J. Kroencke (Berlin/DE)
T. Rand (Vienna/AT)
R. Uberoi (Oxford/UK)

Course Description

- All courses last 1.5 days, 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 RFA Course in Strasbourg, which will be offered in French and the course on Embolisation Therapy in Valencia, which will be held in Spanish 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).

Peripheral Arterial Disease

March 28-29, 2008

Local Host
J. A. Reekers

Faculty
C. W. Kopp
H. I. Manninen
J. A. Reekers
G. Tepe

Amsterdam / Netherlands

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

Lectures will 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 forum. The invited speakers are European experts in their field who will also offer web-based support after the course.

Amsterdam, the capital of the Netherlands, is known for its historic port, its narrow buildings with decorative gable tops, the Rijksmuseum and numerous other cultural treasures. Due to the 17th century ring of canals throughout Amsterdam, the city is often referred to as "Venice of the North". During the Dutch Golden Age, Amsterdam was one of the most important ports in world trade, enabling the Netherlands to become the leading centre of finance and diamond trade.

The name Amsterdam is a derivative from Amstel dam, that is, a dam in the river Amstel. The city was founded in the late 12th century as a small fishing village. Since then it has grown to become the largest city in the Netherlands with a population of 743,027 inhabitants from 177 countries, making Amsterdam the most multicultural city in the world.

It offers the advantages of a big city, such as a multifaceted cultural programme, a great nightlife, international restaurants and good transportation, while at the same time being agreeably quiet with little road traffic thanks to its canals. In Amsterdam your destination is never far away. Nevertheless renting a bike will give you a great and truly Dutch experience.


J. A. Reekers


C. W. Kopp


H. I. Manninen


G. Tepe

Learning Objectives

Imaging and Therapy Planning & Iliac Occlusions
H. I. Manninen (Kuopio/FI)

- Catheter angiography: State of the art
- Utility of US, MR and CT angiography
- Imaging of patients with renal insufficiency
- Patient selection for medical, open surgical and endovascular therapy
- Various arterial approaches to iliac artery occlusion
- Subintimal or intraluminal recanalization of iliac occlusion?
- Value of mechanical recanalization and re-entry devices
- Principles of stent selection
- Patient aftercare

Medical and Wound Management
C. W. Kopp (Vienna/AT)

- Primary and secondary medical prevention measures in PAD
- Experimental and best medical treatment in chronic critical limb ischemia (PAD IV)
- Local wound management

Subintimal Angioplasty
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 (Tübingen/DE)

- Clinical considerations before treatment
- Surgical and medical treatment options
- Endovascular options, when to use and why
- Current data, what is evidence based?
- Tips and tricks
- Avoiding complications
- Case review

Time Schedule

Friday, March 28, 2008

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

Saturday, March 29, 2008

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

Academic Medical Center
Meibergdreef 9
NL - 1105 AZ Amsterdam

How to get there:
Amsterdam's International Airport Schiphol is less than 20 minutes by train from Amsterdam Central Station.

Ablation tumorale par l'image

28-29 Mars, 2008

Hôte
A. Gangi

Faculty
T. de Baere
C. Dromain
A. Gangi
J. Palussière

Strasbourg / France

Le traitement des tumeurs par radiofréquence est aujourd'hui considéré comme très prometteur dans la prise en charge thérapeutique cancérologique.
Le cours ESIR qui se tiendra à Strasbourg s'adresse à des radiologues interventionnels qui souhaitent approfondir leurs connaissances dans le domaine ou qui prévoient de commencer un programme d'ablation tumorale par radiofréquence au sein de leur établissement.
Ce cours portera sur les principes de base, les techniques de guidage par l'image, le monitoring, l'évaluation de la réponse tumorale ainsi que le rationnel et les indications de ce traitement en ce qui concerne les carcinomes hépatocellulaires, les métastases hépatiques, les tumeurs osseuses et rénales ainsi que les cancers bronchiques primitifs et métastases pulmonaires.
Des séminaires en petits groupes avec un instructeur par groupe succèderont aux cours théoriques, afin de permettre une discussion interactive, une présentation de dossiers complexes par les orateurs, mais également la discussion de dossiers des participants. Les enseignants sont tous des experts européens renommés dans le domaine avec une pratique clinique régulière.


A. Gangi


T. de Baere


C. Dromain


J. Palussière

Avec sa prodigieuse cathédrale ciselée comme un ouvrage de dentelle, Strasbourg - la capitale alsacienne - est l'une des plus belles villes d'Europe. En raison de la richesse et la densité de son patrimoine, l'ensemble du centre ville a été classé patrimoine mondial de l'Unesco.

Fondée à l'origine sur le camp romain d'Argentoratum en l'an 12 avant J-C, Strasbourg (« la ville des routes ») a toujours occupé une position stratégique en Europe, placée au carrefour des axes Nord-Sud et Est-Ouest.

Strasbourg est une ville où chaque quartier et chaque édifice témoigne d'une histoire singulière et préservée. Ainsi, flâner au cœur de la ville, c'est voyager à travers l'époque prospère du Moyen Âge, où le commerce était florissant, mais aussi découvrir les fastes de la Renaissance ou revivre les balbutiements de la construction européenne. Et n'oublions pas que Strasbourg a été fondée sur l'Ill : les activités batelières y ont toujours été très importantes.

Objectifs

Principes de base et techniques
T. de Baere (Villejuif/FR), A. Gangi (Strasbourg/FR)

- Décrire les principes de base de la radiofréquence et des dommages cellulaires induits
- Expliquer les phénomènes gouvernant les dépôts d'énergie et le transfert à travers les tissus
- Revoir les caractéristiques de différents générateurs et électrodes de radiofréquence
- Discuter la préparation des patients et l'anesthésie

Guidage par l'image, monitoring et évaluation de la réponse tumorale
C. Dromain (Villejuif/FR), J. Palussière (Bordeaux/FR)

- Décrire les techniques de planning, guidage et monitoring du traitement
- Optimisation de l'image pour ablation sûre et efficace
- Aspects de l'imagerie post-ablation - réponse complète, échec de traitement, complications
- Importance du suivi par imagerie
- Méthodes alternatives à l'imagerie en coupes: Petscan?

Tumeurs hépatiques
T. de Baere (Villejuif/FR), J. Palussière (Bordeaux/FR)

- Rationnel du traitement par radiofréquence pour le Carcinome hépatocellulaire et les métastases hépatiques
- Indications et contre-indications
- Techniques, protocoles et astuces pour des ablations réussies
- Revue des résultats cliniques et complications actuellement disponibles
- Synergie potentielle entre traitement intra-artériel et radiofréquence

Tumeurs osseuses
A. Gangi (Strasbourg/FR)

- Ablation par radiofréquence pour les tumeurs osseuses
- Techniques alternatives à la radiofréquence de destruction pour les tumeurs osseuses
- Trucs et astuces pour améliorer les résultats et diminuer les complications de l'ablation par radiofréquence des tumeurs osseuses
- Rôles respectifs et combinés de la radiofréquence et de la cimentoplastie dans les tumeurs osseuses

Tumeurs rénales
T. de Baere (Villejuif/FR), A. Gangi (Strasbourg/FR)

- Indications, résultats et complications de la radiofréquence pour les tumeurs du rein
- Améliorations des techniques, diminution des complications

Tumeurs pulmonaires
J. Palussière (Bordeaux/FR)

- Buts, avantages et limitations de la radiofréquence dans le traitement des cancers bronchiques primitifs et des métastases pulmonaire
- Techniques, protocole de traitement et suivi de la radiofréquence pulmonaire
- Revue de la littérature
- Complications

Autres applications
T. de Baere (Villejuif/FR), A. Gangi (Strasbourg/FR), J. Palussière (Bordeaux/FR)

- Radiofréquence mammaire
- Radiofréquence surrénalienne
- Radiofréquence pancréatique
- Radiofréquence des récidives de cancer rectal
- Radiofréquence autres organes
- Techniques de cryoablation

Horaire

Vendredi, 28 Mars, 2008

12:00	Accueil
13:00-18:00	Lectures
20:00	Welcome Dinner

Samedi, 29 Mars, 2008

09:00-13:00	Répétitions en petits groupes
14:15-15:45	Discussion des cas
16:30-17:30	Test volontaire & Certificat de présence

Lieu

Université Louis Pasteur
Faculté de médecine
4, rue Kirschleger
FR - 67085 Strasbourg Cedex

Se rendre à Strasbourg:
Une position centrale qui la rend proche d'autres métropoles: à quelques heures de route ou à moins d'une heure d'avion de Paris, de Lyon et des grandes métropoles allemandes, Strasbourg est parfaitement desservie par réseau autoroutier, avion (Aéroport International Strasbourg-Entzheim) ou train (Gare SNCF de Strasbourg).

Aortic Diseases

May 30-31, 2008

Local Host
V. Berczi

Faculty
V. Berczi
T. J. Cleveland
F. Fanelli
J. Lammer
H. Rousseau

Budapest / Hungary

This course is designed for physicians with experience in endovascular therapy who wish to broaden their horizon in complex 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 as emergency aortic procedures for endovascular aortic repair (EVAR).

Lectures will 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 who will also offer web-based support after the course.

Being the capital and biggest city of Hungary, Budapest has a population of almost two million. It is situated on both sides of the river Danube which divides the city into Buda and Pest. The city's historical roots go back to the Roman Empire. However, the kingdom of Hungary was founded in 1000 AD by Stephan I. (969-1038). Budapest offers numerous attractions, such as its beautiful Parliament Building, the historic Opera House, its Castle District, the Chain Bridge, Gellért Hill, Hero's Square and the vast City Park.

The Museum of Fine Arts holds the largest Spanish painting collection outside of Spain. The hills of Buda are covered with forests, parks and gardens. Many visitors enjoy the famous Hungarian thermal spas for treatment or recreation. Hungary's famed food and wines are another one of its many assets.


V. Berczi


T. J. Cleveland


F. Fanelli


J. Lammer


H. Rousseau

Learning Objectives

Planning for Aortic Aneurysm Disease
V. Berczi (Budapest/HU)

- Diagnosis and initial management
  - Symptoms and physical examination
  - Modalities: US, CTA, MRA, Angiography
  - Preoperative care
- When and what?
  - RCTs and databases for deciding treatment options of TAA and AAA: conservative (hypotensive), endovascular, surgical
  - Acute settings (rupture, trauma)
  - Imaging for anatomical suitability (aneurysm morphology, iliofemoral access)
  - Type of anaesthesia
  - Logistical considerations (personnel, equipment, venue)
- Planning for endovascular therapy
  - CTA for device selection and size of stent graft
  - Pre-stent graft IIA embolisation for preventing endoleak
  - Prevention of paraplegia
- Follow-up

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. J. Cleveland (Sheffield/UK)

- Natural history of dissection
- How to classify and image dissection
- How to manage acute type A dissection
- How to manage uncomplicated acute type B dissection
- Use of stent-grafts in acute type B dissection
- The role of percutaneous fenestration
- Management of chronic type B dissection

Elective Abdominal Aortic Aneurysm
J. Lammer (Vienna/AT)

- Indications for treatment
- Clinical evaluation and imaging before treatment
- Measurements and planning
- How to do endovascular treatment
- Complications and management
- How to treat endoleaks
- Results and follow-up

Emergency Aortic Aneurysm
H. Rousseau (Toulouse/FR)

- Practical consideration in the approach to patients in emergency
- How to intervene in complex cases
- Equipment and environment
- Evidence base

Time Schedule

Friday, May 30, 2008

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

Saturday, May 31, 2008

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

Semmelweis University
Department of Cardiovascular Surgery
Városmajor u. 68
HU - 1122 Budapest
Entrance for the meeting: Gaál József út 9

How to get there:
Budapest has an international airport but can also be easily reached by train, bus or boat.

Varicose Veins

June 20-21, 2008

Local Host
C. A. Binkert

Faculty
C. A. Binkert
J. A. Brookes
R. Bucek
D. J. West
P. Wigger

Winterthur / Switzerland

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. This is especially important for interventional radiologists, because a successful vein practice entitles more than just performing the new minimal invasive therapies.

With 90,000 inhabitants, Winterthur is the sixth largest city in Switzerland, forming an independent economic, cultural and political center. It is an attractive small city with a clear layout, situated within the Greater Zurich region. The city has very good transport connections to the Swiss rail network, the Zurich suburban railway system and the airport.

For art lovers Winterthur offers collections of paintings you would normally only find in major capitals. The pulsating city center boasts numerous restaurants and bars as well as a lavish shopping area.


C. A. Binkert


J. A. Brookes


R. Bucek


D. J. West


P. Wigger

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

Clinical Aspects - Indications/Contraindications
P. Wigger (Winterthur/CH)

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

Anatomy and Ultrasound
R. Bucek (Vienna/AT)

- 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)

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

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 20, 2008

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

Saturday, June 21, 2008

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

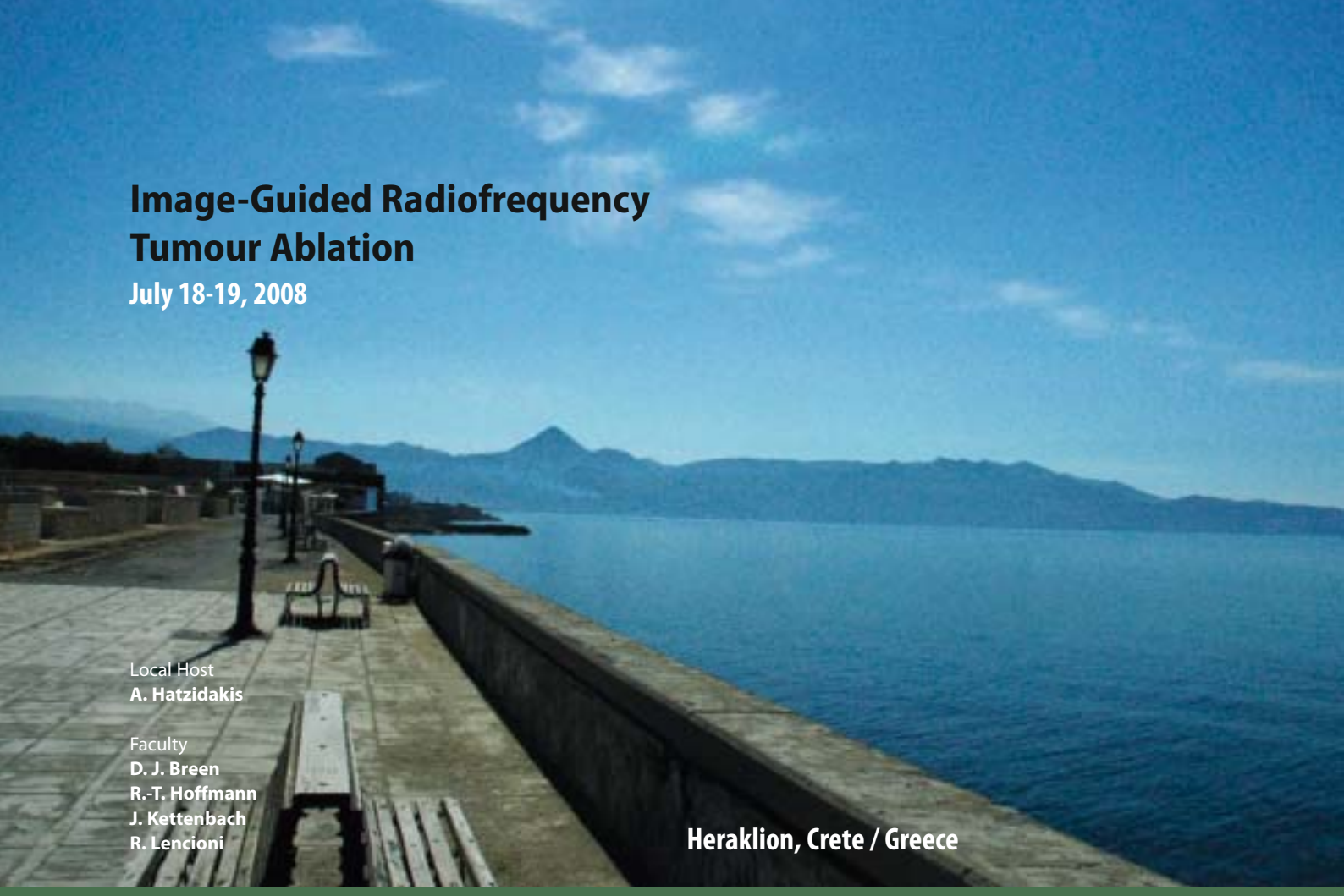
Venue

Kantonsspital Winterthur
Brauerstraße 15
CH - 8401 Winterthur

How to get there:
Winterthur is connected to Germany and Italy by direct trains and enjoys excellent links to Zurich Airport. It is also a regional transportation hub: the A1 motorway from Geneva through to St. Margrethen connects in Winterthur with the A4 motorway heading north toward Schaffhausen and the A7 motorway heading close to the Swiss-German border at Kreuzlingen.

Image-Guided Radiofrequency Tumour Ablation

July 18-19, 2008



Local Host
A. Hatzidakis

Faculty
D. J. Breen
R.-T. Hoffmann
J. Kettenbach
R. Lencioni

Heraklion, Crete / Greece

Image-guided radiofrequency ablation is gaining an increasingly important role in the therapeutic management of patients with cancer. This course is designed for interventionists who wish to start a tumour ablation programme or to refine their skills in this rapidly evolving field.

The course will include lectures covering basic principles of thermal tumour ablation; equipment and techniques; imaging modalities for guidance, monitoring, and follow-up; standardised terms and reporting criteria; and clinical applications in tumours of the liver, bone, kidney and lung.

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 technique. The faculty is made up of well-known European experts in the field.

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, Hanclakas, Candi and Heraklion again since 1922. Today's city has a modern commercial centre with many cultural attractions.


A. Hatzidakis


D. J. Breen


R.-T. Hoffmann


J. Kettenbach


R. Lencioni

Learning Objectives

Basic Principles and Techniques
R.-T. Hoffmann (Munich/DE)

- Principles of radiofrequency ablation and thermal induced tissue damage
- Energy deposition and heat transfer within tissue
- Difference between generators, electrodes and ablation techniques
- Patient preparation, conscious sedation, interdisciplinary discussion

Image Guidance, Monitoring and Assessment of Tumour Response
R. Lencioni (Pisa/IT)

- Techniques for planning, guiding and monitoring treatment
- How optimized imaging can add a significant safety factor to ablation procedures
- Imaging findings of complete response, partial response and local tumour progression
- The importance of accurate post-ablation follow-up protocols

Liver Tumours
J. Kettenbach (Vienna/AT)

- Specific peculiarities of tumour ablation
- Patient selection criteria
- How to perform a radiofrequency ablation of liver tumours

Bone Tumours
R.-T. Hoffmann (Munich/DE)

- Use of radiofrequency ablation in benign and malignant bone lesions
- Challenges in anaesthesia and creation of access path
- Use of combining osteoplasty and RFA in a palliative situations

Renal Tumours
D. J. Breen (Southampton/UK)

- Understanding of the indications, results and complications of radiofrequency ablation of renal tumours
- Nuances of technique to ensure the best results and lowest complications

Lung Tumours
R. Lencioni (Pisa/IT)

- Goals, advantages and limitations of radiofrequency ablation in the treatment of primary and secondary lung tumours
- Techniques, treatment protocols and methods for post-procedural assessment
- Results and complications

Time Schedule

Friday, July 18, 2008

12:00	Registration
13:00-18:00	Lectures
20:00	Welcome Dinner

Saturday, July 19, 2008

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
GR - Heraklion/Crete

How to get there:
Heraklion is directly connected to Athens International Airport with about 10 daily domestic flights run by Olympic Airways and Aegean Airlines. The flight takes about 50-60 minutes. Alternatively, there are ferry-boat services (Minoan or ANEK Lines) connecting Heraklion with the harbour of Pireaus (Athens).

Non-Vascular Upper GI Interventions

October 10-11, 2008

Local Host
S. Stojanovic

Faculty
F. Fanelli
A. Hatzidakis
M. Lee
T. Sabharwal

Novi Sad / Serbia

This course is designed for participants who have at least one year experience with non-vascular upper GI interventions and are interested to update themselves in these techniques as well as to progress in more challenging gastrostomy, pancreatic and biliary cases. By the end of the course the delegates' knowledge will be tested and they will receive web-based support from the experts.

Novi Sad, meaning "New Planting" is the capital of the northern Serbian province of Vojvodina and the administrative centre of the South Bačka District. It is Serbia's second-largest city after Belgrade with a population of around 200,000. The city is located on the border of the Bačka and Syrmia regions, on the banks of the Danube River and Danube-Tisa-Danube Canal and faces the northern slopes of Fruška Gora Mountain. Since its foundation in 1694, Novi Sad has become the centre of Serbian culture and earned its nickname Serbia's Athens. Today, Novi Sad is a large industrial and financial centre of the Serbian economy and it is also one of the biggest construction sites in the region.


S. Stojanovic


F. Fanelli


A. Hatzidakis


M. Lee


T. Sabharval

Learning Objectives

Interventional Radiology of Benign Biliary Disease
F. Fanelli (Rome/IT)

- How to approach a benign biliary disease
- Diagnostic tools for the biliary system: ERCP - MRCP
- How to proceed in a benign biliary case
- When to perform stricture dilatation and stenting
- Biliary lithiasis and lithotripsy
- Tips and tricks
- Complex cases

Interventional Radiology of Malignant Biliary Disease
T. Sabharwal (London/UK)

- How to approach a malignant biliary problem
- MRCP value
- ERCP value and problems
- How to treat percutaneously a malignant biliary stricture
- Practical tips and complex cases

Percutaneous Interventions in Acute Pancreatitis
A. Hatzidakis (Heraklion/GR)

- How to perform a percutaneous upper abdominal intervention
- Indications for percutaneous pancreatic collection drainage
- Indications for percutaneous pancreatic pseudocyst drainage
- Possible complications
- How to deal with pancreatic collections
- How to deal with pancreatic pseudocysts
- How to deal with pancreatic fistulas

Percutaneous Gastrostomy
M. Lee (Dublin/IE)

- Indications for percutaneous gastrostomy
- Patient selection and preparation
- Techniques of percutaneous gastrostomy
  a. Standard gastrostomy
  b. Button gastrostomy placement
  c. Radiological PEG placement
  d. Gastrojejunostomy
- Post procedure care
- Results and complications
- How to set-up a gastrostomy service

Time Schedule

Friday, October 10, 2008

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

Saturday, October 11, 2008

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

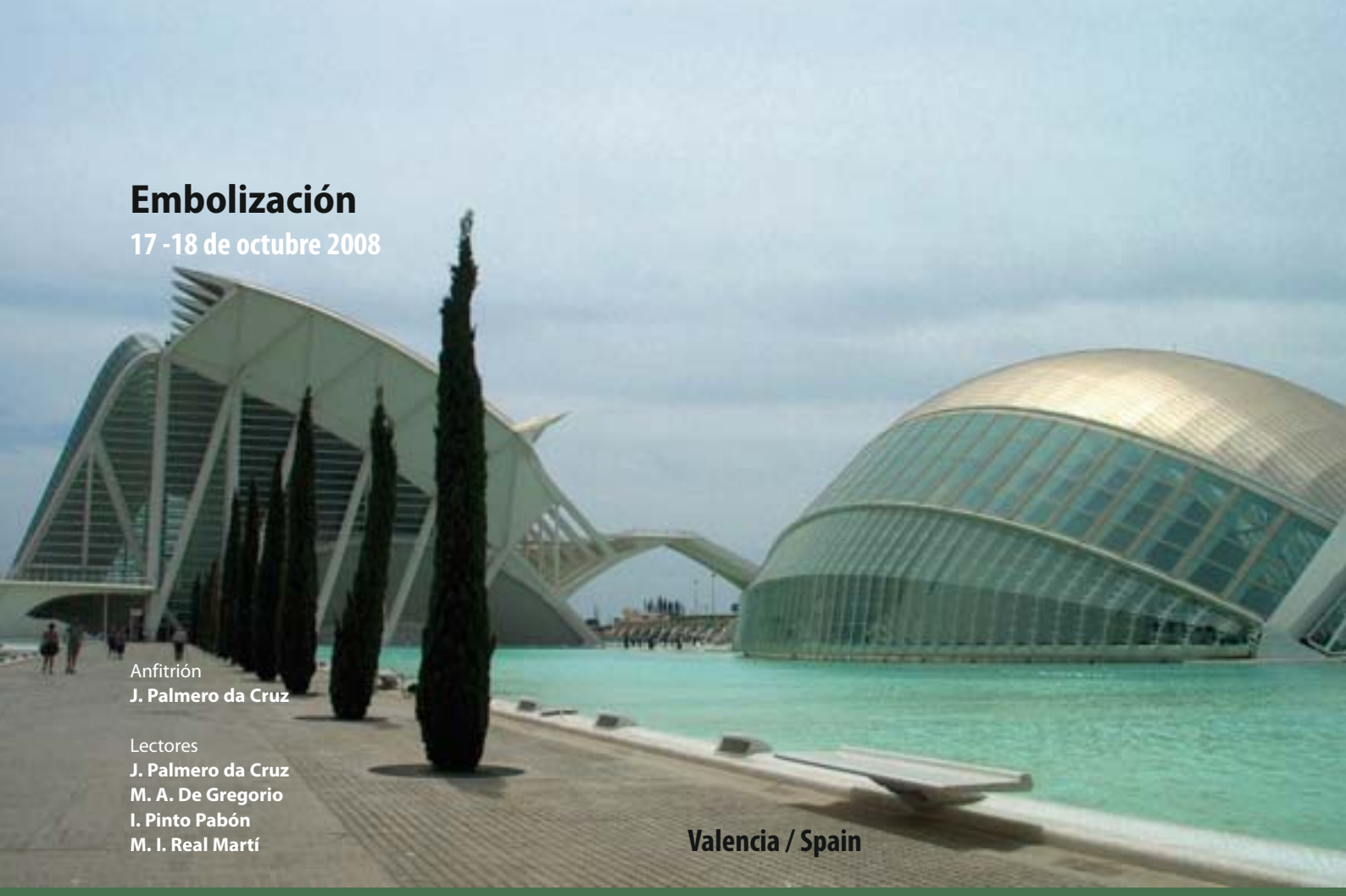
Venue

Faculty of Medicine &
Clinical Centre Vojvodina / Centre of Radiology
Hajduk Veljkova 1-11
RS - 21000 Novi Sad

How to get there:
The city is about 90 minutes drive from Belgrade Nikola Tesla Airport, which connects with all major European cities.

Embolización

17 -18 de octubre 2008



Anfitrión
J. Palmero da Cruz

Lectores
J. Palmero da Cruz
M. A. De Gregorio
I. Pinto Pabón
M. I. Real Martí

Valencia / Spain

En los últimos años hemos asistido a un resurgimiento de las técnicas de embolización, siendo en muchos hospitales la intervención mas frecuente en la urgencia de intervencionismo vascular. Asímismo se ha establecido formalmente dentro del manejo terapéutico de los pacientes con hepatocarcinoma y en el tratamiento de los miomas uterinos.

Este curso esta diseñado para conocer y profundizar en las indicaciones y las técnicas de embolización, según la patología a tratar, y en los materiales a utilizar.
Las ponencias están acompañadas de sesiones en grupos pequeños en los que se facilitará la discusión interactiva entre los participantes y los ponentes, con especial hincapié en los aspectos prácticos de la intervención.


J. Palmero da Cruz


M. A. de Gregorio


I. Pinto Pabón


M. I. Real Martí

Desde que fue fundada por los romanos en el año 138 a. C., Valencia ha ido acumulando la enorme riqueza aportada por las diferentes culturas que en ella han vivido (visigoda, musulmana…). Pasear por Valencia es sentir la pluralidad y evolución de una ciudad en la que los legados de su próspera historia conviven armónicamente con las recientes e innovadoras construcciones.

Recorrer el centro histórico, contemplar templos religiosos y monumentos civiles góticos, barrocos, modernistas…, detenerse en los acreditados museos o admirar proyectos tan emblemáticos como la Ciutat de les Arts i les Ciències o el Palacio de Congresos, son sólo algunas de las múltiples propuestas que Valencia brinda al visitante.

Intensamente influida por su personalidad marítima desde su fundación, Valencia es hoy más que nunca una ciudad orientada al mar y definida por su relación con él. Fruto de esta íntima relación con el mar, de su capacidad organizadora de grandes eventos y del empeño de todas las administraciones públicas, Valencia fue elegida entre 65 ciudades de todo el mundo como sede de la 32ª edición de la Copa América de 2007.

En esta atractiva ciudad bañada por el Mediterráneo va a encontrar suaves temperaturas, una rica gastronomía, fiestas y tradiciones que se mantienen vivas, una amplia oferta cultural y de ocio.

Objetivos del curso

Tumores hepáticos
M. I. Real Martí (Barcelona/España)

- Valorar las indicaciones de la quimioembolización en los tumores primitivos hepáticos
- Describir las diferentes técnicas actuales de la quimioembolización en los tumores hepáticos
- Valorar los resultados desde el punto de vista de la respuesta tumoral y la supervivencia de la quimioembolización hepática

Trauma
J. Palmero da Cruz (Valencia/España)

- Como organizar una atención de urgencias en Radiología Intervencionista
- Localización e interpretación de los puntos de sangrado
- Estrategias de embolización
- Que materiales de embolización utuilizar

Hemorrágias gastrointestinales
M. A. de Gregorio (Zaragoza/España)

- Aprender cuales son las posibilidades diagnósticas de la angiografía la hemorragia gastrointestinal. Qué papel juega la angiografía y en que momento se debe realizar?
- Aprender las principales indicaciones del tratamiento de las hemorragias gastrointestinales mediante embolización
- Aprender qué materiales deberían ser usados en cada caso y por qué
- Aprender que vasos se pueden embolizar de forma segura sin causar complicaciones isquémicas
- Aprender que técnica se debe utilizar e cada caso particular para inyectar los diferentes materiales embólicos

Embolización de fibromas uterinos
I. Pinto Pabón (Madrid/España)

- Reconocer las indicaciones y contraindicaciones de la EAU
- Identificar la anatomía vascular pélvica con sus variantes
- Aplicar la técnica de la EAU
- Reconocer y discutir las posibles complicaciones derivadas del procedimiento
- Manejar a las pacientes después de la intervención

Horario

Viernes, 17 de octubre 2008

12:00	Registración
13:00-17:30	Clases
20:00	Cena de bienvenida

Sábado, 18 de octubre 2008

09:00-13:15	Repetición de las clases en grupos pequeños
14:30-16:00	Discusión interactive de casos
16:30-17:30	Examen voluntario & Certificado de asistencia

Sitio

Facultad de Medicina
Avda. Blasco Ibañez n° 15
ES – 46010 Valencia

Cómo llegar:
El aeropuerto de Valencia está situado a unos 8 kilómetros al oeste de la ciudad y dispone de frecuentes comunicaciones con Valencia a través de autobús y taxis.
La Estación del Norte está situada en pleno centro de la ciudad y representa la puerta de entrada a Valencia para todos aquellos viajeros que quieren utilizar el tren para su visita.
La autopista AP-7 del Mediterráneo, que transcurre de norte a sur por todo el litoral levantino, sirve de conexión con la red europea de autopistas y con las autpvías A-23 Sagunto-Somport y A-3 Madrid-Valencia.

Carotid and Renal Stenting

October 31-November 1, 2008

Local Host
J. H. Peregrin

Faculty
T. J. Cleveland
J. H. Peregrin
L. Stockx
D. Vorwerk

Prague / Czech Republic

This course is designed for physicians who wish to broaden their horizon in endovascular treatment of renal artery and carotid artery disease. It will impart knowledge of indication and technique for renal PTA stenting and carotid stenting. Planning procedures, limitations of stent material currently available will be presented and discussed for both vascular territories. An overview on CPD's (cerebral protection devices) will complete the programme.

Workshops will offer further practical advice completed by an interactive case discussion of challenging situations in carotid stenting and acute stroke management. The invited speakers are European experts in their field who will also offer web-based support after the course.

Prague, the capital of the Czech Republic, is a tourists' paradise offering all its visitors could hope for. From secret corners and romantic places overlooking the historically valuable city centre, which is protected by the UNESCO, to bars and nightclubs that are open until the early morning hours - Prague has it all. Visitors can choose from a wide array of music events, ranging from classical music to the latest pop music.


J. H. Peregrin


T. J. Cleveland


L. Stockx


D. Vorwerk

Learning Objectives

Indication and Techniques in Renal PTA Stenting
J. H. Peregrin (Prague/CZ)

- How to diagnose RAS
- When to intervene RAS
- Special subgroups: FMD, children, transplanted kidneys
- When and how to use stents
- Complications of RA PTA stenting

Indication and Techniques in Carotid Stenting
T. J. Cleveland (Sheffield/UK)

- Risk profile of carotid artery stenosis
- Which patients may benefit from carotid artery intervention
- Basic technique of CAS
- How to plan a CAS procedure
- Merits and limitations of different stent groups
- How and when to use cerebral protection devices

Challenging Situations in Carotid Stenting
L. Stockx (Gent/BE)

- Alternative access
- How to deal with difficult anatomy like enrolled arches or tortuous supra-aortic vessels
- How to choose appropriate material in challenging situations
- How to avoid complications by selecting the right patients

Acute Stroke Treatment
D. Vorwerk (Ingolstadt/DE)

- Indications for endovascular stroke therapy
- Materials and methods of intra-arterial thrombolysis
- Techniques of mechanical thrombus retrieval
- Follow-up strategies
- Treatment of acute carotid occlusions and stroke
- Endovascular contributions to prophylaxis

Time Schedule

Friday, October 31, 2008

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

Saturday, November 1, 2008

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

Institute for Clinical and Experimental Medicine
Vídeňská 1958/9
CZ - 140 21 Prague 4

How to get there:
From Ruzyně International Airport, located about 20 km north-west of the city centre, it generally takes about 30 minutes to reach the city centre by car.
Prague has two international train stations: Hlavní Nádraží (the central station, also known as Praha hl.n.) and Praha Holešovice. Both are connected with metro line C.

Vascular Interventions - Basic Course

November 7-8, 2008

Local Host
B. Dolgushin

Faculty
E. Brountzos
B. Dolgushin
T. J. Kroencke
T. Rand
R. Uberoi

Moscow / Russia

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. Embolisation management in Interventional Radiology and dialysis interventions complete the course.

Practical skills will be broken down into simple step by step algorithms. 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 who will also offer web-based support after the course.

Moscow is the capital and the largest city of Russia. For many centuries it has been the centre of Russia's political, commercial, cultural and scientific life. After the fall of the iron curtain it became a major tourist attraction with a steadily growing number of visitors coming from abroad. Moscow offers impressive buildings, historic sites, broad avenues, famous theatres, busy restaurants, parks and squares, but the real flavour of this city is in its small nooks and crannies, each of them unique.

Among Moscow's major theatres are the famous Bolshoy Theater, Maly Theater and Moscow Arts theater (MKhAT). The Kuskovo, Ostankino and Tsaritsyno museums are also worth a visit. Tickets may be purchased from box offices at almost every Metro station, and unless you buy them on the evening of the performance, tickets are usually offered at a reasonable price. Nowadays Moscow can offer a wide range of restaurants, cafés, nightclubs and modern sport complexes. Discos are quite popular, but there are also plenty of bars and clubs with live music ranging from rock and jazz to Russian pop music.


B. Dolgushin


E. Brountzos


T. J. Kroencke


T. Rand


R. Uberoi

Learning Objectives

Vascular Interventions in Oncology in Russia
B. Dolgushin (Moscow/RU)

- Embolisation and embolotherapy
- Cava filter implantation
- Removal of foreign bodies
- Heamostasis
- Occlusion of pathological vessels

Iliac Interventions
E. Brountzos (Athens/GR)

- Patient selection: Introduction to TASC guidelines
- Patient examination and imaging
- Recipe book: What do you need?
- Arterial access
- Which approach is best?
- How to approach a stenosis
- When and how to do pressures and are they useful
- How to approach an occlusion
- Which lesions should be stented
- Are there differences between CIA and EIA lesions and how low down should we stent?
- Aftercare

Embolisation
T. J. Kroencke (Berlin/DE)

- Basic principles of catheter-based embolisation techniques
- Different embolic agents and their way of action
- The usefulness of pre-embolisation imaging
- How to deal with typical problems and complications of embolisation

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

Dialysis Interventions
R. Uberoi (Oxford/UK)

- Indications/contraindications 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
- Surveillance programmes

Time Schedule

Friday, November 7, 2008

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

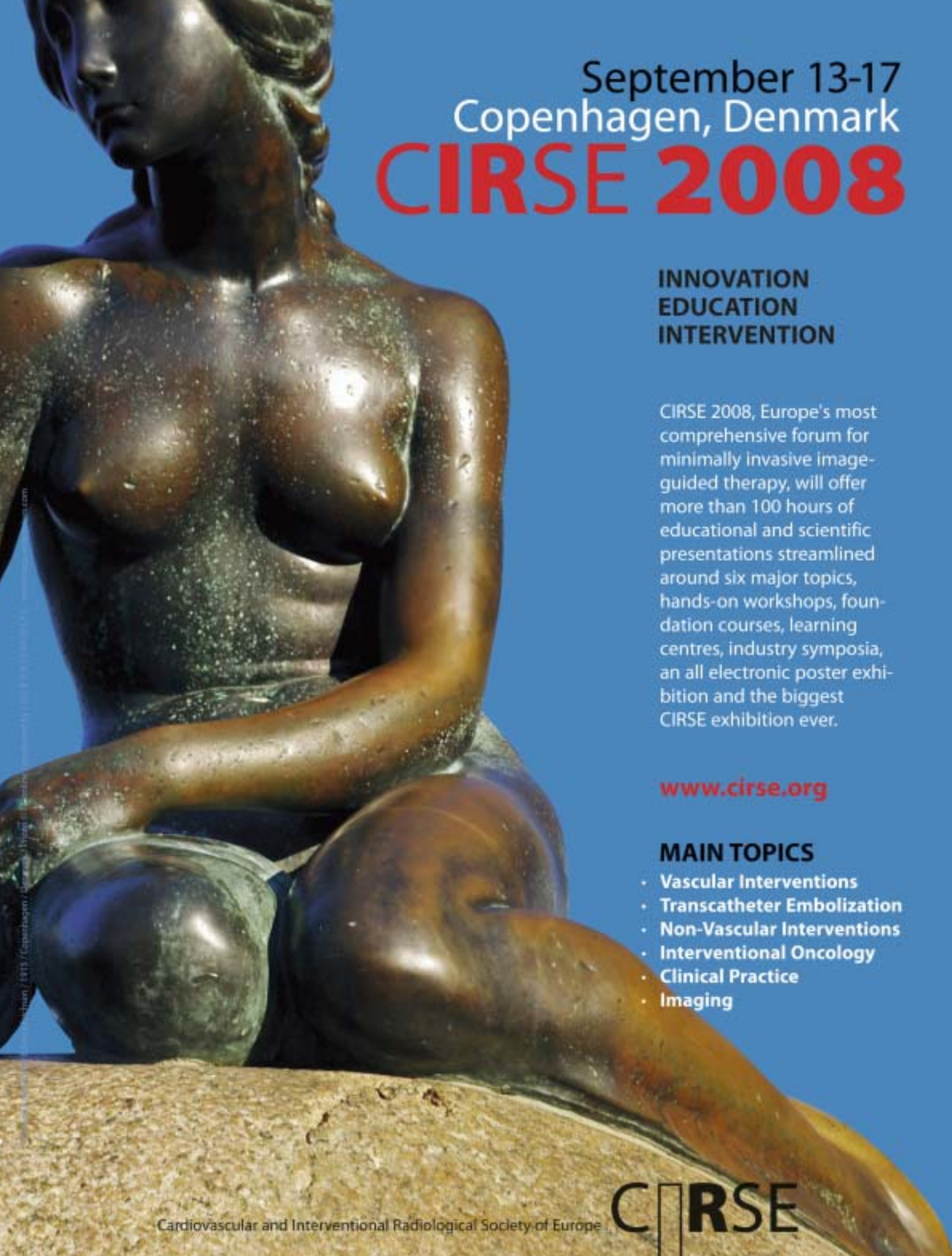
Saturday, November 8, 2008

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

N. N. Blokhin Russian Cancer Research Center (NNBRCRC)
24 Kashirskoye Shosse
RU – Moscow 115 478

How to get there:
There are five primary commercial airports serving Moscow: Sheremetyevo International Airport, Domodedovo International Airport, Bykovo Airport, Ostafievo International Airport and Vnukovo International Airport. Sheremetyevo International Airport is the most common entry point for foreign passengers, handling sixty percent of all international flights.



September 13-17
Copenhagen, Denmark

CIRSE 2008

INNOVATION
EDUCATION
INTERVENTION

CIRSE 2008, Europe's most comprehensive forum for minimally invasive image-guided therapy, will offer more than 100 hours of educational and scientific presentations streamlined around six major topics, hands-on workshops, foundation courses, learning centres, industry symposia, an all electronic poster exhibition and the biggest CIRSE exhibition ever.

www.cirse.org

MAIN TOPICS

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

Cardiovascular and Interventional Radiological Society of Europe

CIRSE

Institute Courses
Fall 2008

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 fall 2008.

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)

Peripheral Arterial Disease - Hands-On Course
October 17-18, 2008

Carotid Stenting - Hands-On Course
November 14-15, 2008

Crossroads Institute (Abbott) Diegem (BE)

Carotid Artery Stenting Hands-On Course
November 20-21, 2008

Interventional Treatment of Peripheral Arterial Disease - Hands-On Course
November 27-28, 2008

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

Crossroads Institute

First-in-class Medical Education Center

- Established in 2000
- About 14,000 participants to date
- About 8,000 enrolled in cardiac and vascular therapies

Courses for all members of the healthcare team

- Over 80 courses offered for cardiac and vascular diseases
- Over 60 courses are CME accredited

Renowned Program Directors

- Prof Jean Marco, Centre Cardio Thoracique, Monaco
- Dr Luc Stockx, Ziekenhuis Oost Limburg (ZOL), Genk, Belgium

Objective and unbiased teaching philosophy

- Around 100 experts in teaching faculty
- Innovative and high-tech approach
- Hands-on, real-life methodologies

Crossroads Institute
Where Science, Education and Practice Meet

www.crossroads-institute.com
Crossroads Institute is a medical education initiative of Abbott Vascular

EHO 1414-01.01/2009

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 2008 courses as a member, CIRSE membership fee for the year 2007 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.

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 for Local Courses

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.

It's why we're making our company better, every day.

At Boston Scientific, we're committed to help make life better for patients. That's why we've created a culture of quality designed to set new standards of excellence for ourselves and our industry. It's why we work every day to improve everything that can make our devices more effective, more innovative and more powerful in your hands. We know that's how we can help you give your patients back their everyday lives.

See how at bostonscientific.com

Boston Scientific

Delivering what's next.™

www.esir.org

CIRSE has recently launched its latest educational tool:
www.esir.org

The online database containing the lectures of past CIRSE meetings, all CIRSE EPOS presentations and CVIR articles offers the possibility to search the latest findings in Interventional Radiology according to key words or procedure categories.

www.esir.org
is available free of charge to all CIRSE members !

CIRSE Syllabus

The new medical subspecialty curriculum, which stipulates three years common trunk and two years subspecialisation, provides the opportunity to specialise in Interventional Radiology. CIRSE has played an important role in setting standards for the general and subspecialisation curriculum. In the coming years this will be implemented in most European countries.

This European Interventional Syllabus is a comprehensive overview about what training in IR should be. It provides a framework for the 2 years of subspecialty training, but goes further offering a curriculum for dedicated fellowship IR training. Thus most of the advanced training, as described in this syllabus, is for those who want to dedicate a substantial part of their working life to IR. This syllabus is a guideline and support and to develop local IR fellowships.

To view the CIRSE Syllabus, please refer to www.cirse.org/training.

CIRSE Clinical Practice Manual

As part of CIRSE's efforts to support Interventional Radiologists to shift from providing a technical service to taking full charge of the clinical care of their patients, the CIRSE Clinical Practice Task Force under the chairmanship of CIRSE President Johannes Lammer has published a manual on clinical practice. Its purpose is to help IRs promote themselves directly to referring physicians as specialists in assessing and treating organ systems or diseases.

The Multipolar Intelligence

Celon

Multipolar and bipolar Radiofrequency Induced Thermotherapy (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
info@celon.com
www.celon.com

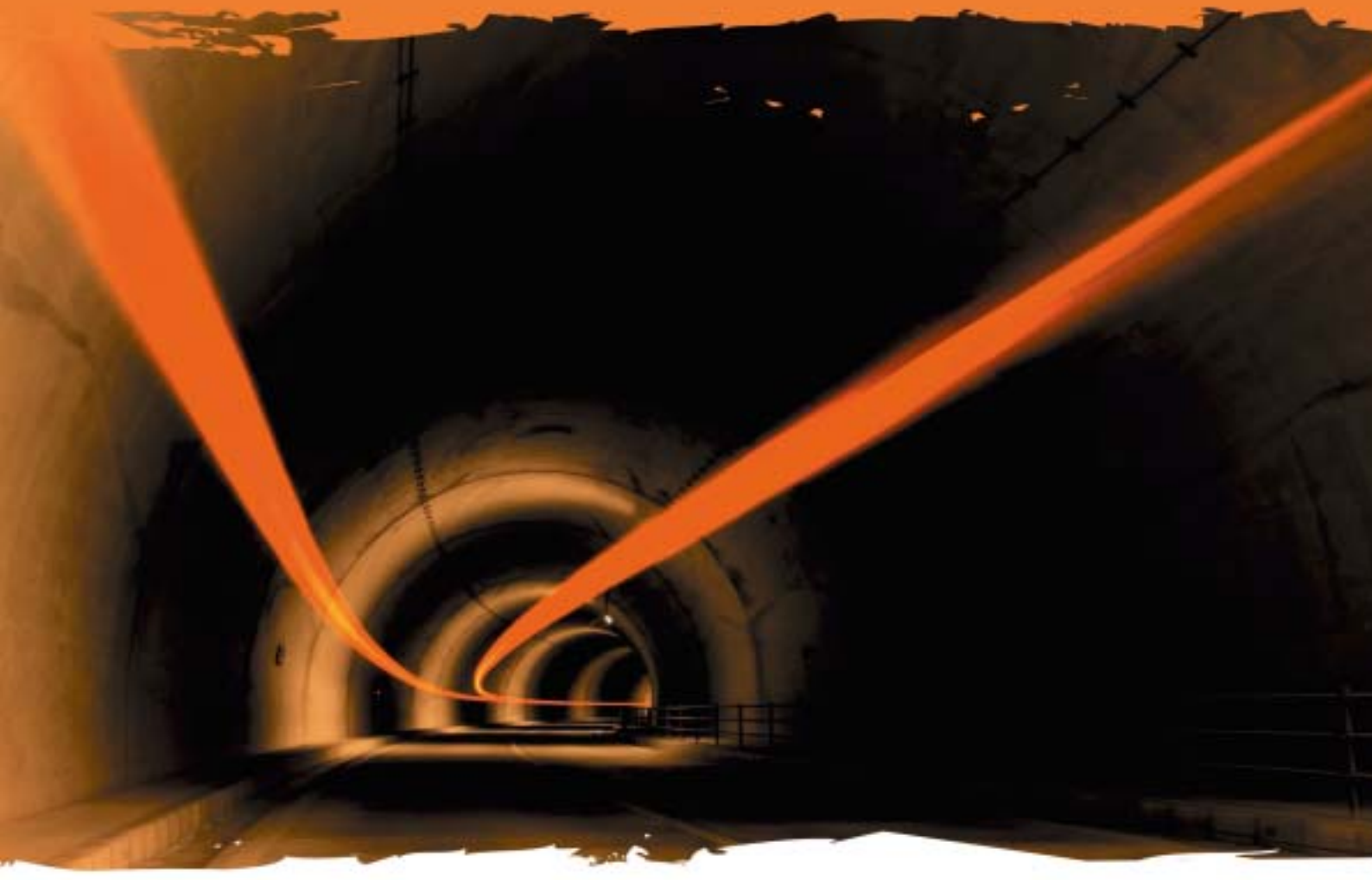
A Member of the
Olympus Medical Systems Group

OLYMPUS

Your Vision, Our Future

The ultimate excision system

Create a clear channel



Leave your options open

Leave nothing behind

ev3™ Giving life to endovascular excellence.

SILVERHAWK®

The Embolization Platform for Today and for the Future

CELO NOVA BIOSCIENCES

Embozene™
COLOR-ADVANCED Microspheres

EMBOZENE™ MICROSPHERES

Distinctly Better with Polyzene®-F

CeloNova BioSciences, Inc.
49 Spring Street
Newnan, GA 30263
USA

CeloNova BioSciences of Europe B.V.
Utrechtsestraat 38f
6811 LZ Arnhem
The Netherlands

+1.888.388.3888 Toll free
celonova.com

Ideas.Applied.

CELEBRATING

10,000,000

OVER TEN YEARS OF PROVEN CLINICAL EFFICACY

SEVENTH GENERATION | TEN MILLION IMPLANTS

Extraordinary ideas are born out of need. A desire to create new definitions of possibility. A refusal to accept limitations. At St. Jude Medical, we collaborate with clinicians to develop new ideas that inspire science. The results help us all through innovative product design and improved patient outcomes.

Achieve Rapid Hemostasis

Angio-Seal™ Vascular Closure Devices, the number one choice for vascular closure, provide effective, efficient, and clinically proven hemostasis for both interventional and diagnostic catheterization procedures.

Angio-Seal™ VIP:

- Easy deployment for a reliable and consistent seal of arterial puncture sites
- Effective at sealing puncture sites of highly anti-coagulated patients
- Arterial restick can be performed safely without significant vascular complications

Join the exchange of ideas at CIRSE 2008, September 13th-17th

www.sjm.com/power

ST. JUDE MEDICAL

Rx Only

Please review the Instructions for Use prior to using these devices for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use. Not all product models or indications for use may be applicable for all countries. Please consult your St. Jude Medical, Inc. representative for licensed product availability in your country.

CIRSE Central Office

Neutorgasse 9
1010 Vienna, AUSTRIA
Tel: + 43 1 904 2003
Fax: + 43 1 904 2003 30
Email: office@esir.org
www.cirse.org

GraphX by L O O P. E N T E R P R I S E S Austria
www.loop-enterprises.com