September 15-19 Lisbon, Portugal CIRSE 2012





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27th ANNUAL MEETING AND POSTGRADUATE COURSE

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The Second Announcement CIRSE 2012

In case of any enquiries or comments, please contact us at info@cirse.org

 Cardiovascular and Interventional Radiological Society of Europe / 2012

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Facts & Figures CIRSE 2011

6,164 Participants

83 Countries

1,413 Abstracts

250 Hours of Education

100 Exhibitors

5,000 m² of Technical Exhibition

www.cirse.org









Michael J. Lee CIRSE President



Robert A. Morgan Scientific Programme Committee Chairman



Patrick Haage Scientific Programme Committee Co-Chairman

Dear Colleagues,

The CIRSE Annual Congress and Postgraduate Course is a trendsetting, dynamic and service-oriented event, dedicated to education, science and innovation. It covers the entire spectrum of Interventional Radiology, and is the largest and most comprehensive congress in the field on minimally invasive imageguided therapies. The programme is designed around seven main themes, including Vascular Interventions, Transcatheter Embolization, Interventional Oncology, Neuro Interventions, Non-Vascular Interventions, IR Management and Imaging.

With over 6,000 delegates coming from over 80 countries, CIRSE is a unique platform for interaction and the exchange of scientific information. The educational programme provides the opportunity for physicians to familiarise themselves with new devices and master new therapies, continually improving the service IR can provide for patients.

This year, the congress will take place in the Portuguese city of Lisbon, a well-connected city with excellent infrastructure, which provides us with the ideal stage for the world's largest IR congress.

One of the key elements of 2012 will be the Student Programme, with travel grants, free registration and dedicated

sessions being awarded to the first 200 candidates to apply through our website. This initiative represents a huge investment in the future of IR, encouraging trainee doctors to explore and engage with our specialty, and providing them with an accurate and interactive picture of what a career in IR can offer.

Parallel to this, young IRs will also have a chance to sit the EBIR exam. The European Board of Interventional Radiology is an initiative to harmonise training and qualification across Europe, improving the safety, quality and standards of IR. So far, 244 interventional radiologists hold this qualification, and many more have already signed up for the September exams. Those interested can find more information on www.cirse.org/ebir.

Those considering this exam at a later date can prepare for it by attending the many Foundation Courses on offer in Lisbon. Particularly recommended are our sessions on peripheral arterial disease, including below-the-knee interventions, which represent a growing force in reducing amputation rates. Due to its increasing use in the multidisciplinary setting, newly qualified IRs should also attend our Interventional Oncology Foundation Courses, where they can gain a comprehensive introduction to the wide spectrum of therapies on offer.





Paulo A.M.S. Almeida Local Host Committee Chairman



Tomás Figueira Local Host Committee Co-Chairman



Alfredo Gil-Agostinho Local Host Committee Co-Chairman

There is also plenty to interest established IRs, foremost of which are our new Hot Topic Sessions. This year, extensive debate will be held about an established but still controversial therapy, Vertebroplasty, and a new-comer to the IR arsenal, Renal Denervation. These sessions promise lively discussion of a host of considerations and viewpoints, and are not to be missed.

We aim to meet the needs of all our attendees, and following your feedback, it has been decided to shorten and reschedule our Opening Ceremony, leaving more opportunity for our increased number of Workshops and Interactive Case Sessions. This allows CIRSE to refine and improve its commitment to being a motor for education.

Collaboration with both our member groups and other disciplines will continue. This year, the CIRSE meets... Session has invited group member Italy, whose members will host a session on the advances they are making in the field of oncology. In order to cater for the needs of IR team members such as nurses and radiographers, a series of dedicated workshops is being organised in cooperation with the European Federation of Radiographer Societies.

For the second year, we will also be hosting the R.W. Günther Award for Excellence in Innovation. This award, which includes financial support, aims to reward and encourage active IRs whose innovative designs, new techniques or excellent research are helping drive our specialty forward. All are encouraged to apply, and full information of how to do so can be found on www.cirse.org.

We have some new innovations of our own in store, and plan to offer apps for mobile devices, helping delegates plan their congress schedule and access information more easily.

Our educational portal, ESIR online, will also see some advances. Upgrades are planned to allow more timely access to the congress content, reflecting the overwhelming interest shown following last year's congress.

CIRSE 2012 will be showcasing the most up-to-date trends in Interventional Radiology, catering for a host of IR professionals at a range of different stages of experience.

We look forward to welcoming you to Lisbon in September, and hope you will join us on our journey of advancement and excellence!

Call for LATE BREAKING ABSTRACTS

Present your latest research findings at the leading European meeting for IR

Deadline: May 14, 2012

With more than 6,100 participants in 2011, the CIRSE annual meeting has become Europe's largest and most comprehensive forum for experts in image-guided minimally invasive therapies.

Choose the best possible platform to present your most exciting and cutting-edge research findings by submitting a Late-Breaking Abstract for CIRSE 2012.

We are looking for original abstracts of new experiments and clinical trials containing important late-breaking results, which were not yet ready at the regular abstract submission deadline.

All abstracts must be submitted through the online CIRSE Abstract Submission System at www.cirse.org from May 4 to 14, 2012 (midnight Central European Time).

CRITERIA FOR LATE-BREAKING ABSTRACTS

- The authors certify that the data was not complete and could not have been submitted at the time of the regular abstract deadline in February 2012.
- The abstract contains work that is original and has not previously been submitted to, or presented at, any other scientific meeting. Nor is it already under consideration for a scientific meeting, including CIRSE 2012.
- The work is novel, evidence-based and of scientific merit.
- Part of the abstract should argue its eligibility for this competitive category.

All abstracts will go through a blinded peer-review and will be judged on the above criteria. Only a very limited number of abstracts, i.e. the top six scored, will be accepted for oral presentation at a dedicated Free Paper Session at CIRSE 2012.

Notification of acceptance or rejection will be sent by the end of May 2012.

For any enquiries concerning abstract submission, please contact the Scientific Programme Department: scientific@cirse.org.

Submit at: www.cirse.org

CONTROVERSY - Hot Topic Symposia

The Hot Topic Symposia aim to address important IR topics that are current and controversial in the setting of a plenary session.

Invited speakers will give brief lectures on important aspects of the subject under discussion. A major feature of these sessions will be a round table discussion involving the speakers and the audience. At the conclusion of the sessions, the moderator will summarise the discussion and provide take home points.

Discussion and closing remarks by the

HTS 1302 Vertebral augmentation

moderator

Moderator: A. Gangi (Strasbourg/FR) Moderator: J.A. Reekers (Amsterdam/NL) Introduction by the moderator 1302.1 There is still an indication for vertebroplasty 2802.1 after the randomised trials - Con P.M. Bernecker (Vienna/AT) 2802.2 1302.2 There is still an indication for vertebroplasty after the randomised trials - Pro 2802.3 W.A. Clark (Kogarah, NSW/AU) 1302.3 When vertebroplasty is the treatment of 2802.4 to be announced 1302.4 When kyphoplasty and stentoplasty are a better solution than vertebroplasty P.F. Heini (Bern/CH)

HTS 2802 Renal denervation

Introduction by the moderator Concept of renal denervation P.J. Blankestijn (Utrecht/NL) How bad is RF for the renal artery? C. Jilek (Munich/DE) PRO renal denervation: an opportunity IR should not miss M. Voskuil (Utrecht/NL) CON renal denervation: as there is not enough evidence M. Azizi (Paris/FR) Closing discussion

The Award of Excellence and Innovation in IR

Development

Interventional Radiology is a relatively young medical field. It took the perseverance, hard work and conviction of many dedicated physicians to help IR to develop into the fully recognised subspecialty it is today.

Innovative Spirit

Without the continuous development and refinement of new devices and techniques by resourceful interventional radiologists, the ever-expanding range of treatments offered by our specialty would not have been possible.

Recognition

Innumerable patients are grateful for the wide range of minimally-invasive alternatives to open surgery from which they can benefit nowadays. However, CIRSE also wishes to honour your dedication and excellence in IR and present your innovation to the IR community during the opening ceremony of CIRSE 2012.

The recipient of this distinction will not only be awarded a certificate of merit for their contributions to the field, but also a cash prize of \in 10,000.

How to apply

Send us your outstanding research results published or accepted by a peer-review scientific journal, details of a novel technique you discovered, or the cutting-edge equipment you have just patented. Our board of reviewers welcomes all your innovations and looks forward to the advances they may bring to IR.

R. W. Günther Foundation

We warmly thank the R.W. Günther Foundation for kindly sponsoring the award. The Foundation is based in Aachen, Germany and aims to promote science and research especially in the field of radiological sciences and diagnostic and interventional radiology, as well as to support national and international co-operation.



Please note that all applications must be submitted with a relevant CV or, in the case of research groups, a description of the members involved.

All applications must be submitted by June 14, 2012 to zoidl@cirse.org For more information, please visit the CIRSE website.

CIRSE meets ... Italy





The Italian Vascular and Interventional Radiology Section, with over 700 members, is part of SIRM (Italian Society of Medical Radiology). Since its foundation in 1974 it boasts a long history, a great tradition, a wide representation throughout the country and a very large field of interests and clinical applications. It is interested in promoting IR and training young radiologists.

Every year the Italian Vascular and Interventional Radiology Section plans important congresses, such as "Movie Interventional", in Turin, showcasing live and pre-recorded procedures; "Gargano", a morbidity-mortality meeting in Puglia; the "Postgraduate Campus" for young radiologists in training; the "Itinerant courses", short teaching and informative conferences held in different small towns; and the National Congress of the Italian Vascular and Interventional Radiology Section, which is organised every two years, traditionally choosing a beautiful Italian city as its venue.

The near future will surely see further development of interventional radiology in Italy, fields of interest will expand and more will be offered to patients. The Italian Vascular and Interventional Radiology Section has become a CIRSE Group Member and looks forward to a growing co-operation with international colleagues and other European scientific societies.

The CIRSE meets... programme has proved to be an important platform for establishing and strengthening the relations between CIRSE and its distinguished Group Members - the National Societies in the field of Interventional Radiology. Experts from various regions around the world have provided interesting insights into the current status of Interventional Radiology as well as the state of specific procedures and conditions in their home countries.

Tuesday, September 18, 10:00-11:00

CM 2605 Transcatheter management of hepatocellular carcinoma

Moderators: F. Florio (San Giovanni Rotondo/IT), M.J. Lee (Dublin/IE)

2605.1 Indications for transarterial treatment of HCC

I. Bargellini (Pisa/IT), R. Cioni (Pisa/IT)

2605.2 TACE with drug eluting beads

M. Grosso (Cuneo/IT)

2605.3 Radioembolization *R. Golfieri (Bologna/IT)*



Excellence in Interventional Radiology

CIRSE Gold Medallists

2012	P.R. Mueller
2011	J.A. Reekers
2010	F.S. Keller
2009	J. Lammer
2008	J.E. Abele, B. Cook
2007	A. Adam
2006	B.T. Katzen
2005	J.F. Reidy
2004	J. Struyven
2003	C.L. Zollikofer
2002	J. Göthlin, JJ. Merland, E.P. Zeitler
2001	E. Boijsen, F. Olbert, F. Pinet
2000	P. Rossi
1999	A. Lunderquist
1998	D.J. Allison
1997	R.W. Günther

CIRSE Distinguished Fellows

2012	G.M. Richter, M. Szczerbo-Trojanowska,
	K.R. Thomson
2011	J.A. Kaufman, L. Machan, A.F. Watkinson
2010	O. Akhan, W.P.Th.M. Mali
2009	A.A. Nicholson, A.C. Roberts
2008	K. Mathias, H.P. Rousseau
2007	K.H. Barth, D.A. Kelekis
2006	A. Rosenberger, G. Simonetti
2005	F.S. Keller, A.J. Roche
2004	A. Besim, B. Läubli, P.R. Mueller, R. Yamada
2003	K. Hiramatsu, F. Joffre, H. Uchida
2002	Cl. L'Herminé, JM. Rius, M.R. Dean
2001	J.M. Bigot, J. Edgren
2000	J.C. Gaux, L. Horváth
1999	U. Tylén
1998	A. Essinger
1997	J.H. Göthlin, J. Struyven
1996	M. Amiel, P. Rossi
1995	U. Erikson
1994	D.J. Allison
1993	E.P. Zeitler
1992	I. Enge, A. Lunderquist, F. Olbert
1991	A. Pinet, F. Pinet
1990	A. Baert, L. Di Guglielmo, G. Van Andel
1989	JL. Lamarque, R. Passariello
1988	E. Boijsen, C. Puylaert, E. Voegeli

Gruentzig Lecture

2012	A. Gangi
2011	J.G. Moss
2010	D. Vorwerk
2009	R. Lencioni
2008	C. Becker
2007	J.C. Palmaz
2006	L. Solbiati
2005	A.C. Roberts
2004	EP. Strecker
2003	K.R. Thomson
2002	P.A. Gaines
2001	B.T. Katzen
2000	J. Struyven
1999	S. Wallace
1998	R.W. Günther
1997	P. Rossi
1996	J. Rösch
1995	D.J. Allison
1994	E.P. Zeitler

Roesch Lecture

2012	D. Pavčnik
2011	M. Szczerbo-Trojanowska
2010	J.I. Bilbao
2009	M.D. Dake
2008	J.A. Kaufman
2007	K. Ivancev
2006	L. Machan
2005	H.P. Rousseau
2004	F.S. Keller
2003	J. Rösch



Dignitaries



Gold Medallist

Peter R. Mueller

Peter Mueller completed his medical training at the University of Cincinnati, Ohio, USA. After that he was a resident in radiology at Massachusetts General Hospital, Department of Radiology, Boston, USA. In 1978 he started his interventional career in the GI radiology section at Massachusetts General Hospital. His mentor at that time was Joseph Ferrucci. Many of the procedures in non-vascular radiology which are now considered routine such as percutaneous biopsy, abscess drainage, cholecystostomy, gastrostomy, biliary drainage, benign biliary drainage and percutaneous ablation of liver and renal tumours were either developed or further studied by the group of interventional radiologists that worked in this division. In the 1970s, 80s and 90s, the combination of imaging and intervention was just beginning and Prof. Mueller and his colleagues wrote many papers and gave many courses in these areas. His primary clinical and research interests are in interventional radiology, especially in biliary intervention, abscess drainage and percutaneous ablation of malignant tumours of the liver and kidney.

Over the years, Prof. Mueller has been intimately involved with novel techniques such as the Brown-Mueller T-Tack for use in percutaneous gastrostomy and percutaneous gastro-jejunostomy and the Dawson-Mueller drainage catheter for fluid drainages. He has published well over 300 articles, several books and editorships, and given over 15 "named" lectures on interventional radiology. His Division of Abdominal Imaging and Interventional Radiology at Massachusetts General Hospital was one of the first in the United States to accept fellows from Europe, many of whom have gone on to distinguished careers in their homeland. These include the current President of CIRSE, Michael J. Lee.

Prof. Mueller has been on the editorial boards of many radiology journals including Radiology, The American Journal of Roentgenology, Clinical Radiology, and Cardiovascular and Interventional Radiology. He is the past Editor-in-Chief of Seminars in Interventional Radiology. He is the past President of the Society of Hepato-Biliary Radiology, the New England Roentgen Ray Society, and the Society of Abdominal Radiology. He has received an Honorary Membership of the European Society of Interventional Radiology and the European Radiology Society. He has received the Gold Medal from the British Interventional Radiology Society, and has given the prestigious Dotter Lecture for the American Society of Interventional Radiology.

CIRSE Opening Ceremony and Awards

Peter R. Mueller will be awarded



Distinguished Fellow

Götz M. Richter

A native of Stuttgart, Germany, Goetz Richter went to medical school in Freiburg, where he also completed his residency in both general pathology and radiology. In 1988, he joined the Department of Radiology at Heidelberg University, where he became a professor in 1998. From 1993-2008, Prof. Richter served as vice-chairman of the Department of Diagnostic Radiology at Heidelberg University. As of 2009, he has been Head of the Department of Diagnostic and Interventional Radiology at the Klinikum Stuttgart.

Prof. Richter has also worked extensively abroad, having held a visiting professorship at the Department of Radiology at the University of San Antonio in 1988 and 1989, as well as having led grand rounds at the Beth Israel Hospital of the Harvard Medical School in 1993 and the University of San Antonio in 1996. He has written 207 publications, 1 book and 51 chapters in several books on Interventional Radiology.

Prof. Richter has pioneered numerous procedures, introducing capillary embolization in renal tumours (1984), placing the first iliac stent in man (1987) and the first renal stent in man (1988), both in Freiburg, as well as the first TIPSS in man (1988) in the same city. Prof. Richter also performed the first EVAR in Europe at Heidelberg University in 1993. From 1990-1995, he conducted the Clinical Embosphere Pilot Study on UFE in Germany.

From very early on in his career, Prof. Richter has been a dedicated CIRSE member, joining during his residency in 1986, becoming a Fellow in 1990 and serving in various positions over the years. Prof. Richter has also headed the German Society of Interventional Radiology (DeGIR).

Between 1994 and 2000 Prof. Richter served as the congress president for the five International Heidelberg-Zermatt Interventional Congresses.

Prof. Richter continues to be extremely active in Interventional Radiology, both at the clinical and academic level, focusing above all on vascular stenting and recanalisation techniques (more than 800 cases per year) and embolization and local ablation (more than 250 cases per year).

Goetz Richter and his wife Barbara have three children and live in Stuttgart.

CIRSE Opening Ceremony and Awards

Götz M. Richter will be awarded

Dignitaries



Distinguished Fellow Małgorzata Szczerbo-Trojanowska

Małgorzata Szczerbo-Trojanowska was born in Lublin, Poland. She received her medical education at the Medical University in Lublin where she graduated with distinction in 1970. Prof. Szczerbo-Trojanowska did her postgraduate training in surgery at Princess Margaret Hospital in Swindon, UK and in nephrology at the Medical University in Lublin.

In 1972 she was employed at the newly established Department of Vascular and Interventional Radiology, Medical University in Lublin headed by Professor Marian Klamut. She completed her radiological training and became a board certified radiologist in 1979. During her training in interventional radiology she visited a number of renowned centres abroad. A scholarship in Uppsala, Sweden in the department of Professor Uno Erikson gave her a new insight into the most advanced ideas in her specialty. In Uppsala she carried out experimental research into uterine embolization. Prof. Szczerbo-Trojanowska also participated in numerous fellowship programmes abroad including those at Karolinska Institute in Stockholm, Southampton University in the UK and the University of Giessen, Germany.

In 1985 she was promoted to associate professor at the Medical University in Lublin, followed by a full professorship in 1993. In 1995 she was appointed Head of the Department of Interventional Radiology at the 1500 bed University Hospital in Lublin and has held the position since then. From 1999 she has also held the position of Chairman of the Department of Radiology at the Medical University in Lublin.

Prof. Szczerbo-Trojanowska is an active member of numerous Polish and international medical societies and associations. Forming part of the Polish spearhead in the development of interventional radiology since its beginnings, she co-founded the Interventional Radiology Section of the Polish Medical Society of Radiology in 1978 which she headed between 1980 and 1990. In 2001 Prof. Szczerbo-Trojanowska presided over the Congress of the Polish Medical Society of Radiology. In the same year she was elected president of the Polish Medical Society of Radiology and held the position for three years. She was also a co-founder of the Polish Society of Magnetic Resonance and served as a member of the Executive Board from 1989 to 1999.

Prof. Szczerbo-Trojanowska was honoured by election to the board of CIRSE in 2005. From 2005 to 2007 she was chairman of the Rules Committee. She was involved in setting up the first ESIR courses in Eastern Europe, being a host for two of them in Lublin in 2006 and 2007. In 2004 Prof. Szczerbo-Trojanowska was elected a member of the board of the European Congress of Radiology (ECR). Since then she has worked on various ECR committees. The highlight of her career has been her Presidency of the European Congress of Radiology in 2010. From 2005 to 2010 she served as a member of the Executive Council of the European Society of Radiology (ESR). Since 2006 she has been a member of the Steering Committee of the European School of Radiology (ESOR) and was local organiser for three of its courses in Poland.

Her scientific work has resulted in 204 papers published in scientific journals, nine monographs and book chapters. She has given over 200 presentations at many international scientific meetings and congresses. Prof. Szczerbo-Trojanowska is committed to the training of the next generation of radiologists, teaching medical students and residents at all levels. She has tutored 24 radiologists who have written their PhD theses under her supervision. Most of these theses were related to vascular and interventional subjects.

She has received numerous honours, among them the Medal of the Polish Chamber of Physicians and President's Award of the American Association for Women Radiologists. Prof. Szczerbo-Trojanowska has been awarded honorary membership of six radiological societies including the Seldinger Society of Vascular and Interventional Radiology.

She has served as a reviewer, consultant and editorial board member for many radiological and medical journals, CVIR among them. Her main fields of interest are vascular interventions: embolization, carotid stenting, and aortic aneurysm stent grafting.

Prof. Szczerbo-Trojanowska loves good music, and enjoys travelling and sports, particularly skiing and sailing. She has been married to Tomasz, a neurosurgeon, for over 40 years and they are both proud of two sons, Peter and Konrad, as well as two lovely granddaughters, Nina and Daria.

CIRSE Opening Ceremony and Awards

Małgorzata Szczerbo-Trojanowska will be awarded



Distinguished Fellow

Kenneth R. Thomson

Ken Thomson MD, FRANZCR is Professor and Director of Radiology at the Alfred Hospital, Melbourne, Australia.

Ken was born in New Zealand but his rugby allegiance now lies with his adopted country Australia (or anyone else playing against England). He married Barbara, his major supporter and closest companion, in December 1967. They have three children and seven grandchildren.

He trained in Medicine at Otago Medical School graduating MB, ChB in 1968. He started his radiology training in Perth, Western Australia and finished in Christchurch, New Zealand with the FRANZCR before becoming the Teaching Fellow at UBC, Vancouver, Canada in 1974. He studied chest radiology with Robert G. Fraser in Montreal and cardiovascular angiography and interventional radiology with Elliot Lipchik in Rochester, New York. During his stay in North America Ken obtained his US Radiology Board Certificate and developed a long-term working relationship with Bill Cook and Cook Australia. In 1977 he returned to Australia to Flinders University, South Australia. In 1979 he founded the Interventional Radiology Society of Australasia (IRSA) to provide academic support for, and advancement of, IR in Australia and New Zealand. The same year he became a Member of SCVIR and remains a Corresponding Fellow of SIR.

Promised double the wages and never having to do barium enemas ever again, Ken moved to Melbourne in 1981 to take a position as Head of Interventional Radiology at the Royal Melbourne Hospital (they lied about the barium enemas). Ken has travelled widely (with his golf clubs) giving lectures on angiography, contrast media and interventional radiology to radiologists, vascular surgeons and cardiologists at national meetings in: Australia, New Zealand, Indonesia, Singapore, Malaysia, Thailand, the Phillippines, Korea, Taiwan, Hong Kong, China, Japan, India, Spain, France, the United States, Colombia, the United Kingdom, the Czech Republic, Germany and South Africa. At many of these meetings he has performed live demonstration procedures. He has trained fellows in interventional radiology from Australia and New Zealand, Indonesia, Thailand, China, Singapore, Canada, Ireland and the United Kingdom.

He was the Rouse Travelling Fellow to New Zealand for the RANZCR in 1983 and in 1987 he visited Europe for the first time as the Rohan-Williams Professor for the RANZCR and RCR. During this visit he was awarded an honorary Fellowship of the Royal College of Radiologists. He became a Charter Member of the Society for Minimally Invasive Therapy and joined CIRSE as a Corresponding Member soon afterwards. He obtained his MD from Melbourne University for a thesis studying a personal series of over 1300 femoral angioplasties in 1986. He was the President of the Asia-Pacific Society of Cardiovascular and Interventional Radiology in 1997 and the President of the Asian Oceanian Society of Radiology in 2006.

After 20 years at the Royal Melbourne Hospital, Ken moved south across the Yarra River to become Professor and Director of Radiology at the Alfred Hospital, Melbourne in 2000. He has research interests in irreversible electroporation, interventional oncology, carbon dioxide angiography, thrombolysis, arterial stents, stent grafts and telemedicine. He successfully investigated several devices with first-in-human experience and his department is a reference site for many companies involved in health care and interventional radiology.

He has published over 120 articles and is one of the editors of Image Guided Intervention. He is a reviewer for several radiology journals and a regular attendee at CIRSE annual congresses. In 2003 he was the Gruentzig Lecturer for CIRSE speaking on thrombolysis. He was the 2004 Visiting Academician for the Chapter of Radiologists, Singapore. IRSA awarded Ken a Gold Medal in 2007 for his services to the Society and Interventional Radiology. Ken has been deeply involved in RANZCR and its interactions with the Australian Department of Health, serving in the Imaging Quality and Health Technology Assessment areas and was awarded the Roentgen Medal of the RANZCR in 2009.

In his spare time he plays golf (badly), builds bespoke wooden furniture and dotes on his grandchildren.

CIRSE Opening Ceremony and Awards

Kenneth R. Thomson will be awarded

Dignitaries



Gruentzig Lecturer

Afshin Gangi

Afshin Gangi received his initial medical training at the University of Reims, France, before accepting a residency in radiology at the Medical School of the Hôpitaux Universitaires de Strasbourg (University Hospitals of Strasbourg) in 1987.

In order to pursue a more patient-oriented field of radiology, Prof. Gangi completed his final year of residency in Luxembourg under renowned interventionist, Prof. R.F. Dondelinger, and in 1991 was awarded his medical degree from the Medical School of Strasbourg.

Following this, Prof. Gangi took up a 6 year fellowship in radiology at the University Hospitals of Strasbourg. Seeing a gap in the market for non-vascular intervention, he dedicated himself to bone and spine intervention, becoming one of the foremost IRs in this field.

During this fellowship, he also acquired an MSc in medical biology, with an emphasis on medical imaging, from the University Claude-Bernard in Lyon. This was followed in 1997 by a PhD in laser physics from CNRS Strasbourg, after which he was appointed Associate Professor of Diagnostic and Interventional Radiology at the University Hospitals of Strasbourg. In 2000, a full professorship was conferred upon him.

In 2003, he took up a position of Associate Professor at King's College, London, where he worked closely with Prof. Andy Adam.

He returned to France in 2006, and was made responsible for the Master of Research ISTI Specialty in Paris.

Since 2007, he has worked as Head of Radiology and Nuclear Medicine at the University Hospitals of Strasbourg.

Prof. Gangi is a familiar face at CIRSE, presenting regularly at meetings and having served on the Executive Committee from 2007-2008. He also holds CIRSE Fellowship.

Prof. Gangi is also widely published, and has served on the editorial boards of Investigative Radiology, Radiologie Journal du CEPUR and the Journal de Radiologie (Société Française de Radiologie).

He holds many awards for his clinical and investigative work, including both a Magna Cum Laude and a Cum Laude award from the RSNA in 1999, the Magna Cum Laude of the European Congress of Radiology 2002, and the Medal of Royal College of Radiologists, London 2003.

His main areas of interest remain bone and spine interventions. He has been a prominent researcher and champion of vertebroplasty, and is interested in pain management, especially tumour decompression. He is also heavily involved in interventional oncology. Other areas of research include robotics, cryoablation and developing new bone cements. He is a keen advocate of clinical involvement for IRs.

Prof. Gangi is married to Petra Frey-Gangi, with whom he has one daughter. Born in Tehran, his linguistic skills extend beyond his native Persian and French to include German and English. He is an avid football fan, and a lover of fast cars and fast dogs, as well as ancient history and impressionist art.

Andreas Gruentzig Lecture

New frontiers in musculoskeletal tumour management

Sunday, September 16 14:30-15:00



Roesch Lecturer

Dušan Pavčnik

A native of Ljubljana, Slovenia, Dušan Pavčnik attended Ljubljana University for his medical studies and PhD program. He graduated from the School of Medicine in 1973 and received his PhD in 1988. Between 1976 and 1980, he completed his residency in radiology at the University Clinical Centre in Ljubljana, followed by a fellowship in the Department of Radiology at Harvard Medical Center and Brigham and Women's Hospital in Boston. Further tutelage in interventional radiology came in 1990-1991, as a visiting scientist at MD Anderson Cancer Center in Houston, Texas with Sidney Wallace, and as a recipient of the Research Fellowship with Cesare Gianturco.

Prof. Pavčnik's academic appointments started in 1983 when he became Assistant Professor of Radiology at Ljubljana University School of Medicine. In 1989, he was appointed Associate Professor and, in 1993, Professor of Radiology. Medical students recognised his commitment to teaching and named him best teacher in radiology in the early 1990s. In 1995, he became Professor of Interventional Radiology Research at the Dotter Interventional Institute at Oregon Health & Science University.

Prof. Pavčnik started his hospital career as Chief Radiologist in the Department of Radiology at the General Hospital Sempeter in Nova Gorica, Slovenia. In 1983, he returned to Ljubljana to join the interventional team headed by Ivo Obrez. In 1985, he became Head of the Cardiovascular Division at the Institute of Radiology at the University Clinical Centre in Ljubljana.

In 1995, he moved to the Dotter Interventional Institute at Oregon Health & Science University in Portland, Oregon as Professor of Interventional Radiology Research. In 2000, he was awarded the Josef Roesch Chair/Professorship of Interventional Radiology Research. He is currently Director of Research at the Institute and has recently been awarded an NIH R01 Grant to investigate modified surfaces to capture endothelial progenitor cells for venous applications. His research seeks to improve the long-term functionality of bioprosthetic venous valves that are used to treat chronic deep venous insufficiency. His goal is in vivo endothelialisation of artificial venous valves to reduce intimal hyperplasia formation.

Prof. Pavčnik has contributed to a wide variety of interventional procedures and devices. He is the inventor of the Square Stent and the Square Stent based devices. His current work involves the development and testing of the Biodisk bioprosthetic device for occlusion of patent foramen ovale and atrial septal defects. He also performs research on the Square Stent based bioprosthetic venous valve and on the BioPlug permanent vascular occluder.

Co-author and co-editor of a book on diagnostic and interventional radiology, Prof. Pavčnik is also a co-inventor on 18 patents. He has published over 120 scientific publications and 17 book chapters. He has delivered many presentations and lectures at national and international meetings including the Ivo Obrez lecture. Prof. Pavčnik's scientific exhibits have won numerous awards at national and international meetings.

Prof. Pavčnik is on the editorial boards of CVIR, and Radiology and Oncology. Most recently, he has been a reviewer for CVIR, JVIR, JVET and the Journal of Radiology and Oncology. He became a CIRSE Member in 1983 and a Fellow in 1992. He has been selected by CIRSE to give the 2012 Roesch Lecture, which is an honour for him to recognise Josef Roesch as a great teacher and mentor.

Dušan Pavčnik has been married to his wife, Martina, for 40 years. In his spare time, he enjoys spending time with his wife, two daughters and four grandchildren. He also enjoys running, skiing, hiking and mushroom hunting.

Josef Roesch Lecture

Preclinical IR research: what it does for you

Tuesday, September 18 13:00-13:30





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European School of Interventional Radiology

In 2012, the CIRSE Foundation will organise nine local courses in different university hospitals around Europe.

Course Programme

Embolisation (Level 2-3)

April 20-21, 2012

Amsterdam/NL

Basic Vascular (Level 1)

May 11-12, 2012

Sofia/BG

Tumour Ablation (Level 2-3)

May 25-26, 2012

Novi Sad/RS

Venous Disease (Level 2-3)

June 22-23, 2012

Winterthur/CH

CLI & Diabetic Disease (Level 2-3)

October 5-6, 2012

Vienna/AT

Aortic & Thoracic Stent Graft (Level 3-4)

October 12-13, 2012

Rome/IT

Radiologia Intervencionista No Vascular (Level 2-3)

October 19-20, 2012

Bilbao/ES

Biliary Percutaneous Interventions (Level 1-2)

October 26-27, 2012

Brno/CZ

Liver Interventions (Level 2-3)

November 9-10, 2012

Munich/DE

For more information on upcoming ESIR courses, please contact office@esir.org



Exhibitors

The CIRSE Annual Scientific and Postgraduate Educational Meeting has established itself as the leading gathering for all professionals devoted to the field of Cardiovascular and Interventional Radiology in Europe. CIRSE 2011 saw an attendance of over 6,100 participants from 83 countries worldwide. More than 100 companies took the opportunity to promote their products.

CIRSE's technical exhibition features the largest and most comprehensive assembly of cutting edge equipment and devices for image-guided minimally invasive therapy in Europe. CIRSE would like to thank the following companies for their participation at CIRSE 2011 and looks forward to welcome them again in Lisbon for CIRSE 2012!

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Acandis Acrostak ActiViews

ALN Implants Chirurgicaux amedo Smart Tracking Solutions

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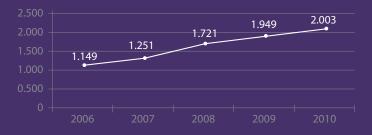
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How to navigate the scientific programme in this booklet

VASCULAR INTERVENTIONS

Interventional radiology encompasses a vast range of specialised procedures, vascular interventions being one of the most dominant. With this in mind, the topic is once again given particular attention in the CIRSE programme and will be the theme of a multitude of sessions. After a one-year break, there will once more be a Foundation Course on vascular interventions, catering for the learning needs of radiologists in training and young IR colleagues. The course will focus on arterial puncture, iliac disease, femoropopliteal disease and infrapopliteal disease. In the Special Sessions there will be much emphasis on dialysis access management, portal hypertension, erectile dysfunction and lower limb ischaemia, including results of the latest trials. Two controversy sessions will see experts debate topics including the safety and efficacy of IVC filters, treatment options for patients with symptomatic carotid stenosis and the cost-effectiveness of EVAR. This will provide participants with the fundamentals upon which to base informed opinions in such constantly evolving fields. Delegates wishing to learn in an informal atmosphere, working up cases with experts, are kindly invited to attend the Workshops and Interactive Case Sessions focusing on important aspects of various interventions, such as TIPS, EVAR, BTK and thoracic duct interventions. The "Closure devices" Hands-on Workshop is still enjoying great popularity and will again be in the CIRSE 2012 programme. Furthermore, we are delighted to announce that more time has been allocated to the "Varicose veins" Hands-on Workshop, which made its debut with two fully booked sessions at CIRSE 2011, as well as to the "IVC optional/convertible filters" Handson Workshop.

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

INTERVENTIONAL ONCOLOGY

In view of the growing number of interventional radiologists involved in cancer imaging and therapy, CIRSE 2012 will offer an interventional oncology programme for delegates of all levels of experience in the field. There will be a Foundation Course dedicated to younger and less experienced IRs wanting to familiarise themselves with this major topic. This course will cover the basic principles of hepatic RFA, radioembolization, TACE and renal ablation. Special Sessions will address the current status in cancer therapy of techniques such as ablation, TACE, HIFU, viral therapy and irreversible electroporation, to mention just a few. In addition, sessions dedicated to hepatocellular carcinoma, cholangiocarcinoma, hepatic transplantation and synergies between locoregional and systemic approaches in cancer management will be offered. Ablation techniques for different types of cancer will also be discussed in Workshops. In addition, the ever-popular Workshop on radioembolization will certainly be in the programme again. To top the oncology section off, the "Tumour ablation" Hands-on Workshop will of course be repeated at CIRSE 2012. The particularly popular sessions "Starting your practice" and "Liver" will again take place twice in order to give more delegates the opportunity to attend. Participants will be able to access the full range of ablation systems (RFA, cryotherapy, microwave, electroporation).

TRANSCATHETER EMBOLIZATION

Transcatheter embolization, now an integral part of the daily practice of most interventional radiologists, will be represented by an extensive educational programme on offer at CIRSE 2012. Among other topics, Special Sessions and Workshops will deal with vascular malformations, UFE, GI haemorrhage, trauma and epistaxis. Moreover, indications and use of embolic agents such as coils, plugs, particles, glue and onyx will be discussed in a Special Session. Delegates are kindly invited to attend the Interactive Case Session on GI haemorrhage, which will provide the opportunity to learn in a more informal and interactive atmosphere. Due to the great success of the "Embolization: materials and tools" Hands-on Workshop at CIRSE 2011, two additional time slots have been allocated to the workshop. The popular "Onyx & glue" session will take place twice and a session on "Particulate agents" will be offered for the first time ever. Participants will gain insight into the manipulation of the available embolization tools and materials, such as coils, plugs, glue, onyx and particulate agents.

NEURO INTERVENTIONS

Neuro interventions was introduced as a new educational track within the CIRSE annual meeting in 2010. Since then, sessions devoted to neuro interventions are offered at every annual meeting in order to cater for the increasing number of interventional radiologists involved in this field. A mini course of three Special Sessions dealing with the essentials of stroke management will be featured once more in the programme, in response to sustained interest in these topics at previous CIRSE congresses. One session will be dedicated to stroke imaging, indications and contraindications for IR treatment; another session to treatment; and last but not least, one session will focus on the prevention of stroke. Workshops will address the treatment of intracranial aneurysms and cerebral vascular malformations. Furthermore, a Workshop on the latest developments in stroke management will be offered. Due to the popularity of the Hands-on Workshop on "Stroke therapy", two hands-on sessions will again be in the CIRSE 2012 programme. Participants will have the opportunity to test several devices specifically designed for intracranial thrombectomy in a flow model under the supervision of well recognised experts in this field.

NON-VASCULAR INTERVENTIONS

This year the programme committee has composed four Special Sessions and six Workshops in the non-vascular field. Besides Special Sessions on pancreatic interventions and renal transplant complications, a session dedicated to disc treatments in Europe will be offered. Treatment options such as ozone treatment, injectable materials and mechanical decompression will be discussed. Taking into account the importance of age-appropriate treatment, the CIRSE 2012 programme will include a Special Session dedicated to paediatric interventions. Lectures will deal with gastrostomy, ureteric and biliary interventions as well as challenges in venous access. Spine procedures as well as bone and biliary interventions will be among the Workshop topics for CIRSE 2012. The CIRSE 2011 Hands-on Workshops on "Vertebral augmentation techniques" proved, as ever, to be a great success and will again be held in 2012. Three sessions will be offered in which participants will have the opportunity to practice needle placement, cement preparation and injection.

IR MANAGEMENT

CIRSE encourages interventional radiologists to become involved in IR management, as clinical care is an important aspect of practice in interventional radiology. The introduction of IR management at CIRSE 2011 was a great success. Accordingly, this topic will again be part of the programme. Besides a Special Session focusing on forward-looking procedures and technology, such as robotics, simulation and nanotechnology, there will be a session discussing medico-legal issues connected with interventional radiology. Lectures will address the off-label use of IR devices and the importance of a safety checklist to minimise complications, just to name a few topics. Furthermore, a Special Session will be dedicated to the management of the diabetic foot. This session will deal with the clinical assessment and diagnostic work-up of diabetic foot problems as well as the role of interventional radiologists in the management of the disease. To top this section off, a Workshop on patient and personnel dose management in interventional radiology will be offered at CIRSE 2012. Aspects of IR management will not only be dealt with in sessions specifically labelled as "IR management" topics. Issues such as patient referral, the relationship with other clinical services and the management and follow-up of patients will be addressed in many sessions, producing a common pathway throughout the whole session programme.

IMAGING

Imaging is a central and common theme in the daily practice of IR and thus requires profound knowledge of state-of-the-art imaging techniques coupled with strong imaging skills. Whether it is patient assessment, choice of an appropriate guidance technique or patient monitoring and follow-up, the outcome of interventional procedures will always be closely related to the efficiency of pre-, peri- and postprocedural imaging. Taking this into account, CIRSE offers sessions dedicated to imaging at each annual meeting. This year there will be a Special Session focusing on imaging after ablation of liver tumours, as well as after renal and lung cancer ablation. Furthermore, a Special Session will address the current status of non-contrast MR angiography and the role of imaging in the diagnosis of uncommon pathologies, such as popliteal artery entrapment syndrome.

CIRSE Session Types

Special Sessions

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

Foundation Courses

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

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

- Vascular Interventions
- Interventional Oncology

For the detailed programme, please refer to pages 42/43.

Workshops

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

Interactive Case Sessions

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

Hands-on Workshops

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

- Closure devices
- Embolization: materials & tools
- IVC filters
- Principles to practice: education and simulation skills training
- Stroke therapy
- Tumour ablation
- Varicose veins
- Vertebral augmentation techniques

For the detailed programme, please refer to pages 44-48.

Film Interpretation Quiz

The Film Interpretation Quiz is one of CIRSE's most popular sessions, and this year, the audience will be given an even greater opportunity to get involved. The session will be run as a "last

man standing" quiz. The Quiz Master will present the audience with two possible answers to each case – those choosing incorrectly will be eliminated and must sit down, while those who get the answer right will continue to the next case. The last few contestants left standing will be invited onstage for a head-to-head finale.

"CIRSE meets ..." Session

The "CIRSE meets ..." programme proved to be an important platform for establishing and strengthening the relations between CIRSE and its distinguished Group Members - the National Societies in the field of Interventional Radiology. At CIRSE 2012, CIRSE's guest will be Italy.

For the detailed programme, please refer to page 7.

Hot Topic Symposia

The Hot Topic Symposia aim to address important IR topics that are current and controversial in the setting of a plenary session. Invited speakers will give brief lectures on important aspects of the subject under discussion. A major feature of these sessions will be a round table discussion involving the speakers and the audience.

For the detailed programme, please refer to page 5.

Morbidity & Mortality Conference

The Morbidity and Mortality Conference will analyse interventional radiology cases which led to complications and/or deaths that could have been avoided. This session provides a valuable learning experience for everyone involved in interventional radiology. The session will be dedicated to vascular and non-vascular cases.

Free Paper Sessions

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

Featured Papers:

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

Satellite Symposia

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

The satellite symposia programme will be published in the final programme.

September 15-19 Lisbon, Portugal CIRSE 2012



Saturday, September 15

08:30-09:30	
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FC 101 Foundation Course

Arterial puncture: how I do it

Moderator: E. Brountzos (Athens/GR)

101.1 Easy and difficult antegrade femoral artery puncture

H.-J. Wagner (Berlin/DE)

- 101.2 How to perform transpopliteal arterial puncture *A.-M. Belli (London/UK)*
- 101.3 How to perform brachial arterial puncture *M. Di Primio (Paris/FR)*
- 101.4 How to treat access site complications *D.K. Tsetis (Iraklion/GR)*

08:30-09:30

SS 102 Special Session

How to manage renal transplant complications

- 102.1 Renal transplant nephrostomy: how I do it *P. Pappas (Athens/GR)*
- 102.2 Ureteric strictures: how to treat them *P.J. Haslam (Newcastle-upon-Tyne/UK)*
- 102.3 Transplant renal artery stenosis: techniques PTA vs. stent

J.H. Peregrin (Prague/CZ)

102.4 Should we treat post-biopsy arteriovenous fistulas? If so - how?

M.R. Sapoval (Paris/FR)

08:30-09:30

SS 103 Special Session

Medico-legal issues and IR

- 103.1 Medico-legal aspects of off-label use of IR devices A.A. Nicholson (Leeds/UK)
- 103.2 Medico-legal aspects of obtaining consent *P. Reimer (Karlsruhe/DE)*
- 103.3 Strategies to minimise complications: safety check list

M.J. Lee (Dublin/IE)

103.4 How to avoid a lawsuit after a complication *D. Vorwerk (Ingolstadt/DE)*

08:30-09:30

SS 104 Special Session

Embolic agents

- 104.1 Coils and plugs: when and how *J.-P. Pelage (Caen/FR)*
- 104.2 Particles: when and how Y. Arai (Tokyo/JP)
- 104.3 Glue and onyx: when and how *L. Defreyne (Ghent/BE)*
- 104.4 How to avoid non-target embolization *J. Golzarian (Minneapolis, MN/US)*

08:30-13:00

PTP-HoW 1 Hands-on Workshop

Principles to practice: education and simulation skills training / Basics of angioplasty and stenting

Coordinators: D.O. Kessel (Leeds/UK), I. Robertson (Glasgow/UK)

- PTP 1.1 Group 1 (08:30-10:40)
- PTP 1.2 Group 2 (09:40-11:50)
- PTP 1.3 Group 3 (10:50-13:00)

10:00-11:00

SS 201 Special Session

IR in the management of DVT

201.1 DVT lysis: how I do it

K.R. Thomson (Melbourne, VIC/AU)

- 201.2 Is mechanical thrombectomy useful or are the devices just expensive toys?
- J.M. Pulido-Duque (Las Palmas de Gran Canaria/ES) 201.3 Update on the trials: lysis vs. anticoagulation; lysis

vs. thrombectomy
G.J. O'Sullivan (Galway/IE)

201.4 Management of chronic iliac vein and caval

J.A. Vos (Nieuwegein/NL)

10:00-11:00

SS 202 Special Session

Paediatric interventions

- 202.1 Biliary interventions in children: how I do it J.B. Karani (London/UK)
- 202.2 Paediatric percutaneous nephrostomy and ureteric interventions: tips and tricks
 B. Gonçalves (Porto/PT)
- 202.3 Gastrostomy and enteral nutrition *A.M. Cahill (Philadelphia, PA/US)*
- 202.4 Venous access: easy and difficult *D.J. Roebuck (London/UK)*



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FC 203 Foundation Course

Hepatic RFA: how I do it

Moderator: T. de Baère (Villejuif/FR)

203.1 Patient selection and devices
P.I. Pereira (Heilbronn/DF)

203.2 How to perform a typical RFA procedure C.T. Sofocleous (New York, NY/US)

203.3 Tips and tricks for challenging cases *M. Bezzi (Rome/IT)*

203.4 How to follow up and when to re-intervene *C. Ayuso (Barcelona/ES)*

10:00-11:00

SS 204 Special Session

GI haemorrhage

204.1 Imaging workup of GI haemorrhage *P.P. Goffette (Brussels/BE)*

204.2 IR vs. endoscopy vs. surgery: treatment algorithms O.M. van Delden (Amsterdam/NL)

204.3 Choice of embolics and results *N.I. Fotiadis (London/UK)*

204.4 Empirical embolization: pros and cons *Z.J. Haskal (Baltimore, MD/US)*

10:00-11:00

SS 205 Special Session

Basics of acute stroke management: from diagnosis to treatment

205.1 Defining treatment algorithms for acute stroke *E.M. Arsava (Ankara/TR)*

205.2 Rapid acute stroke imaging to be announced

205.3 Defining indications and contraindications for IR treatment

C. Castaño (Barcelona/ES)

205.4 Organisational aspects of providing an IR stroke service

A. Dörfler (Erlangen/DE)

10:00-11:00

RWS 206 EFRS Workshop 1

Radiation protection of workers and patients in the interventional lab - AITRI guidelines

206.1 D. Catania (Milan/IT)

206.2 S. Cuman (Varese/IT)

11:00-12:30

TA-HoW 1 Hands-on Workshop

Tumour ablation: tips and tricks – starting your practice

Coordinators: A.D. Kelekis (Athens/GR), R. Lencioni (Pisa/IT)

11:30-12:30

FC 301 Foundation Course

Iliac disease: how I do it

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

301.1 How to select ipsilateral vs. contralateral access S. Müller-Hülsbeck (Flensburg/DE)

301.2 Basic technique to treat iliac artery stenoses *F. Fanelli (Rome/IT)*

301.3 How to recanalise occlusions *E. Brountzos (Athens/GR)*

301.4 How to treat lesions at the aortic bifurcation *P.A. Gaines (Sheffield/UK)*

11:30-12:30

SS 302 Special Session

Dialysis access management

302.1 Clinical and imaging assessment of malfunctioning dialysis fistulas

C. Hohl (Siegburg/DE)

302.2 Surgical dialysis access procedures: common and uncommon techniques

E. Chemla (London/UK)

302.3 Best practice guidelines for malfunctioning AV

P. Haage (Wuppertal/DE)302.4 How I manage the thrombosed dialysis

L. Turmel-Rodrigues (Tours/FR)

11:30-12:30

fistula/graft

SS 303 Special Session

Hepatocellular carcinoma: the spectrum of interventions

303.1 To biopsy or not to biopsy *K. Malagari (Athens/GR)*

303.2 Ablation vs. resection in early-stage tumours *L. Crocetti (Pisa/IT)*

303.3 TACE and radioembolization: competitors or complementary?
T.K. Helmberger (Munich/DE)

303.4 Open issues and future research *L. Bolondi (Bologna/IT)*

	ICS 304	11:30-12:30 Interactive Case Session Gl haemorrhage	WS 603	16:15-17:15 Workshop Venous sampling
		A.N. Chatziioannou (Athens/GR) L. Lönn (Copenhagen/DK)		S.O. Trerotola (Philadelphia, PA/US) M.B. Matson (London/UK)
	SS 305	11:30-12:30 Special Session Acute stroke treatment	WS 604	16:15-17:15 Workshop ABC of biliary intervention
	305.1	Update on revascularisation results: thrombolysis vs. mechanical thrombectomy <i>T. Andersson (Stockholm/SE)</i>		A. Adam (London/UK) P.R. Mueller (Boston, MA/US)
	305.2	Mechanical revascularisation techniques C.P. Stracke (Bonn/DE)	WS 605	16:15-17:15 Workshop
	305.3	How to avoid and manage complications of IR treatment <i>P. Brennan (Dublin/IE)</i>		Radioembolization: setting up the service and making it work
	305.4	Is our work supported by evidence? J. Gralla (Bern/CH)		J.I. Bilbao (Pamplona/ES) G.J. Munneke (London/UK)
IV	/C-HoW 1	11:30-13:00 Hands-on Workshop IVC filters	WS 606	16:15-17:15 Workshop Case-based introduction to UFE
		Coordinators: O. Pellerin (Paris/FR), A.F. Watkinson (Exeter/UK)		P.N.M. Lohle (Tilburg/NL) A.M. Madureira (Porto/PT)
		13:00-14:00 Satellite Symposia	WS 607	16:15-17:15 Workshop Advanced fibroid embolization: trouble-
	OP 501	14:30-16:00 CIRSE Opening Ceremony and Awards	607.1	shooting T.J. Kroencke (Berlin/DE)
	WS 601	16:15-17:15 Workshop		J. Spies (Washington, DC/US)
		Recent developments in stroke management: indications and technique		16:15-17:15 Satellite Symposia
		R. Dabitz (Ingolstadt/DE)		16:30-18:00
	601.2	D. Vorwerk (Ingolstadt/DE)	IA-HOW 2	Hands-on Workshop Tumour ablation: tips and tricks – starting your
	WC 602	16:15-17:15		practice
	W 3 0U2	Workshop BTK including pedal interventions		Coordinators: A.D. Kelekis (Athens/GR), R. Lencioni (Pisa/IT)
		P.E. Andersen (Odense/DK)		
	602.2	R. Uberoi (Oxford/UK)	CD-HoW 1	17:00-18:30 Hands-on Workshop A closer look at closure devices



Coordinators: S. Müller-Hülsbeck (Flensburg/DE),

J. Tacke (Passau/DE)

17:30-18:30

WS 701 Workshop

Intracranial aneurysm treatment

701.1 S. Geyik (Ankara/TR) 701.2 K. Lagios (Athens/GR)

17:30-18:30

WS 702 Workshop

Venous access

702.1 B. Gebauer (Berlin/DE)

702.2 K.P. van Lienden (Amsterdam/NL)

17:30-18:30

WS 703 Workshop

Dialysis access interventions

703.1 C. Hohl (Siegburg/DE)

703.2 K.D. McBride (Dunfermline/UK)

17:30-18:30

WS 704 Workshop

Renal interventions: stones, obstruction and

704.1 M.K. Glynos (Athens/GR)

704.2 P.J. Haslam (Newcastle-upon-Tyne/UK)

17:30-18:30

WS 705 Workshop

Ablation of bone tumours

705.1 G.C. Anselmetti (Candiolo/IT)

705.2 A.D. Kelekis (Athens/GR)

17:30-18:30

WS 706 Workshop

Bronchial artery embolization: all you need to

706.1 A. Khalil (Paris/FR)

706.2 H. van Overhagen (The Hague/NL)

17:30-18:30

WS 707 Workshop

Embolization in trauma

707.1 M. Schoder (Vienna/AT)

707.2 T.-E.G. Vrachliotis (Athens/GR)

Sunday, September 16

08:00-08	8:20)
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Satellite Symposia

08:30-09:30

FC 901 Foundation Course

Radioembolization: how I do it

Moderator: N.P. Tait (London/UK)

901.1 How to set up a radioembolization service

T.F. Jakobs (Munich/DE)

901.2 What you need to do before the radioembolization procedure

W.S. Rilling (Milwaukee, WI/US)

901.3 How to perform radioembolization *J.I. Bilbao (Pamplona/ES)*

901.4 How to follow up patients after radioembolization *R. Salem (Chicago, IL/US)*

08:30-09:30

ICS 902 Interactive Case Session

Stroke management

902.1 K.A. Hausegger (Klagenfurt/AT)

902.2 C.P. Stracke (Bonn/DE)

08:30-09:30

SS 903 Special Session

Disc treatments across Europe

903.1 Ozone treatment of discs

M. Gallucci (L'Aquila/IT)

903.2 Injectable materials for discs

to be announced

903.3 Infiltrations and RF for facets and nerve roots

D.K. Filippiadis (Athens/GR)

903.4 Mechanical decompression J. Hierholzer (Potsdam/DE)

08:30-09:30

SS 904 Special Session

Controversies in EVAR

904.1 Modern closure devices have enabled EVAR to be a true IR procedure

T.J. Cleveland (Sheffield/UK)

904.2 Despite modern closure devices, IRs and surgeons must still work together

I. Loftus (London/UK)

904.3 EVAR is now cost effective and should replace open surgery for all suitable patients: pro *J. Lammer (Vienna/AT)*

904.4 EVAR is now cost effective and should replace open surgery for all suitable patients: con *P.R. Taylor (London/UK)*

08:30-13:00

PTP-HoW 2 Hands-on Workshop

Principles to practice: education and simulation skills training / Basic embolization techniques

Coordinators: D.O. Kessel (Leeds/UK), I. Robertson (Glasgow/UK)

PTP 2.1 Group 4 (08:30-10:40)

PTP 2.2 Group 5 (09:40-11:50)

PTP 2.3 Group 6 (10:50-13:00)

10:00-11:00

SS 1001 Special Session

HIFU in oncology

1001.1 Bone

A. Napoli (Rome/IT)

1001.2 Pancreas and liver F. Orsi (Milan/IT)

1001.3 Breast

M. van den Bosch (Utrecht/NL)

1001.4 Prostate

M. Emberton (London/UK)

10:00-11:00

SS 1002 Special Session

Stroke prevention: where do we stand in 2012?

1002.1 Detection of supra-aortic atherosclerotic disease and plaque morphology with non-invasive imaging A.H. Mahnken (Aachen/DE)

1002.2 Prevention of imminent or recurrent stroke with medical treatment: update on recent drug therapy *H. Markus (London/UK)*

1002.3 Extracranial stenting

S. Macdonald (Newcastle-upon-Tyne/UK)

1002.4 Intracranial stenting S. Cekirge (Ankara/TR)

10:00-11:00

FC 1003 Foundation Course

Femoropopliteal disease: how I do it

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

1003.1 Which TASC lesions should IRs treat and which should they not treat?

P. Haage (Wuppertal/DE)

1003.2 How to treat short lesions D.O. Kessel (Leeds/UK)

1003.3 How to treat long lesions K.A. Hausegger (Klagenfurt/AT)

1003.4 What do you do if you can't recanalise the occlusion?

T. Jahnke (Neumünster/DE)

Sunday, September 16

10:00-11:00

SS 1004 Special Session

EVAR for ruptured AAA

1004.1 Logistics of providing an EVAR service for ruptured AAA

T. Pfammatter (Zurich/CH)

1004.2 Tips and tricks: patient selection, when to carry on and when to stop K.H. Schürmann (Dortmund/DE)

1004.3 Randomised trial data - AJAX trial R. Balm (Amsterdam/NL)

1004.4 Randomised trial data - IMPROVE trial M. Thompson (London/UK)

10:00-11:00

SS 1005 Special Session

Visceral artery aneurysms and pseudoaneurysms

1005.1 Epidemiology and indications for treatment of visceral artery aneurysms P. Vilares Morgado (Porto/PT)

1005.2 Basic principles of treatment of visceral artery aneurysms

L. Lawler (Dublin/IE)

1005.3 Management of renal artery aneurysms A.-M. Belli (London/UK)

1005.4 Management of pseudoaneurysms related to acute pancreatitis P.P. Goffette (Brussels/BE)

10:00-11:00

RWS 1006 EFRS Workshop 2

The role of the radiographer in the angiography department

1006.1 S. Hveding Huse (Oslo/NO) 1006.2 P.H. Søderlund (Oslo/NO)

10:30-12:00

EMT-HoW 1 Hands-on Workshop

Embolization: materials and tools - coils & plugs

Coordinators: S.J. McPherson (Leeds/UK), E.M. Walser (Jacksonville, FL/US)

10:30-12:30

VAT-HoW 1 Hands-on Workshop

Vertebral augmentation techniques vertebroplasty

Coordinators: J. Garnon (Strasbourg/FR), G. Tsoumakidou (Strasbourg/FR)

11:00-12:30

TA-HoW 3 Hands-on Workshop

Tumour ablation: tips and tricks - liver

Coordinators: A.D. Kelekis (Athens/GR), R. Lencioni (Pisa/IT)

11:30-12:30

FC 1101 Foundation Course

TACE: how I do it

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

1101.1 How to select patients for TACE I. Bargellini (Pisa/IT)

1101.2 How to perform a typical TACE procedure K. Malagari (Athens/GR)

1101.3 Tips and tricks for difficult procedures N. Hacking (Southampton/UK)

1101.4 How to decide between RFA, radioembolization and TACF

R.-T. Hoffmann (Dresden/DE)

11:30-12:30

ICS 1102 Interactive Case Session

Renal and lung tumour ablation

1102.1 A.H. Mahnken (Aachen/DE)

1102.2 J. Palussière (Bordeaux/FR)

11:30-12:30

SS 1103 Special Session

Pancreatic interventions

- 1103.1 Imaging of pancreatitis: who requires treatment? T.L. Bollen (Nieuwegein/NL)
- 1103.2 When and how to drain infected pancreatic collections and pseudocysts in acute pancreatitis M. Ryan (Dublin/IE)
- 1103.3 How to treat pancreatic necrosis: IR vs. surgery vs. combined therapy D.F. Martin (Manchester/UK)

1103.4 How to manage complications after pancreatic transplantation W. Saad (Charlottesville, VA/US)

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SS 1104 Special Session

Erectile dysfunction

1104.1 Pathophysiology of vascular impotence: why does it occur?

N. Thiounn (Paris/FR)

1104.2 The role of imaging in diagnosis *M. Walkden (London/UK)*

1104.3 Is there a role for IR in the management of vascular impotence?L. Machan (Vancouver, BC/CA)

1104.4 ABC of high-flow priapism *N. McEniff (Dublin/IE)*

11:30-12:30

SS 1105 Special Session

Genitourinary IR

1105.1 Postpartum haemorrhage: prevention and treatment

T.J. Kroencke (Berlin/DE)

1105.2 Labial and thigh varicosities: the role of pelvic embolotherapy

A.J. Lopez (Guildford/UK)

1105.3 Embolization for prostate gland hyperplasia: is there any evidence?

F.C. Carnevale (Sao Paulo/BR)

1105.4 Tips and tricks to treat recurrent varicocele M. Szczerbo-Trojanowska (Lublin/PL)

11:30-13:00

IVC-HoW 2 Hands-on Workshop

IVC filters

Coordinators: O. Pellerin (Paris/FR), A.F. Watkinson (Exeter/UK)

13:00-14:00

Satellite Symposia

14:30-16:00

Andreas Gruentzig Lecture / Hot Topic Symposium

HL 1301 Andreas Gruentzig Lecture

1301.1 New frontiers in musculoskeletal tumour management
A. Ganqi (Strasbourg/FR)

HTS 1302 Vertebral augmentation

Moderator: A. Gangi (Strasbourg/FR)

1302.1 There is still an indication for vertebroplasty after the randomised trials - Con *P.M. Bernecker (Vienna/AT)*

1302.2 There is still an indication for vertebroplasty after the randomised trials - Pro *W.A. Clark (Kogarah, NSW/AU)*

1302.3 When vertebroplasty is the treatment of choice to be announced

1302.4 When kyphoplasty and stentoplasty are a better solution than vertebroplasty

P.F. Heini (Bern/CH)

Discussion and closing remarks by the moderator

16:00-17:30

EMT-HoW 2 Hands-on Workshop

Embolization: materials and tools – coils & plugs

Coordinators: S.J. McPherson (Leeds/UK), E.M. Walser (Jacksonville, FL/US)

16:15-17:15

Free Papers

16:30-18:00

TA-HoW 4 Hands-on Workshop

Tumour ablation: tips and tricks - liver

Coordinators: A.D. Kelekis (Athens/GR), R. Lencioni (Pisa/IT)

17:00-18:30

CD-HoW 2 Hands-on Workshop

A closer look at closure devices

Coordinators: S. Müller-Hülsbeck (Flensburg/DE), J. Tacke (Passau/DE)

17:30-18:30

WS 1501 Workshop

Pelvic vein embolization: males and females

1501.1 A.C. Roberts (La Jolla, CA/US) 1501.2 T. Jargiello (Lublin/PL)



17:30-18:30

WS 1502 Workshop

Endovascular treatment of cerebral vascular malformations

1502.1 S. Bracard (Nancy/FR) 1502.2 I. Saatci (Ankara/TR)

17:30-18:30

WS 1503 Workshop

Renal artery interventions: what you need to know

1503.1 *M. Downes (Canterbury/UK)* 1503.2 *M.W. de Haan (Maastricht/NL)*

17:30-18:30

WS 1504 Workshop

Upper extremity arterial intervention

1504.1 H. Manninen (Kuopio/FI) 1504.2 M.S. Hamady (London/UK)

17:30-18:30

WS 1505 Workshop

Difficult abscess drainage in the abdomen and pelvis

1505.1 A.G. Ryan (Waterford City/IE) 1505.2 K.E. Wilhelm (Bonn/DE)

17:30-18:30

WS 1506 Workshop

How to choose a management strategy to treat liver tumours

1506.1 T.K. Helmberger (Munich/DE)

1506.2 R. lezzi (Rome/IT)

17:30-18:30

Satellite Symposia

Monday, September 17

08:00-08:20

Satellite Symposia

08:30-09:30

FC 1701 Foundation Course

Infrapopliteal disease: how I do it

Moderator: P.E. Andersen (Odense/DK)

1701.1 Which patients should you treat?

J. Lammer (Vienna/AT)

1701.2 Which catheters, wires and special tools should you use?

J.H. Peregrin (Prague/CZ)

1701.3 Basic technique to treat short lesions

M.R. Sapoval (Paris/FR)

1701.4 How to treat long lesions

T. Rand (Vienna/AT)

08:30-09:30

SS 1702 Special Session

Controversies in vascular interventions

1702.1 IVC filters are safe and there is evidence for their

J.A. Kaufman (Portland, OR/US)

1702.2 There is insufficient safety and efficacy data for IVC filters

G. Meyer (Paris/FR)

1702.3 Carotid stenting should be offered to symptomatic PTP-HoW 3 Hands-on Workshop patients instead of endarterectomy: pro S. Macdonald (Newcastle-upon-Tyne/UK)

1702.4 Carotid stenting should be offered to symptomatic patients instead of endarterectomy: con P.R. Taylor (London/UK)

08:30-09:30

SS 1703 Special Session

Synergies between loco-regional and systemic approaches in cancer management

1703.1 Combining transcatheter and systemic chemotherapy

F. Deschamps (Villejuif/FR)

1703.2 Combining TACE and anti-angiogenic therapy R. Lencioni (Pisa/IT)

1703.3 Combining ablation and thermally sensitive drug carriers

R.T.P. Poon (Hong Kong/CN)

1703.4 Targeting tumour metabolism with transcatheter therapy

J.-F.H. Geschwind (Baltimore, MD/US)

08:30-09:30

ICS 1704 Interactive Case Session

Challenging biliary interventions

1704.1 P.A.M.S. Almeida (Viseu/PT)

1704.2 W. Cwikiel (Ann Arbor, MI/US)

08:30-09:30

SS 1705 Special Session

UFF

1705.1 Which patients with fibroids are not suitable?

J. Spies (Washington, DC/US)

1705.2 How to treat challenging uterine artery anatomy

P. Waldenberger (Linz/AT)

1705.3 Is UFE effective for adenomyosis?

P.N.M. Lohle (Tilburg/NL)

1705.4 Trials update: UFE vs. myomectomy vs. hysterec-

tomy

J.G. Moss (Glasgow/UK)

08:30-10:00

VV-HoW 1 Hands-on Workshop

Varicose veins

Coordinators: C.A. Binkert (Winterthur/CH),

K.D. McBride (Dunfermline/UK)

08:30-13:00

Principles to practice: education and simulation skills training / Acute aortic syndromes

Coordinators: D.O. Kessel (Leeds/UK), I. Robertson (Glasgow/UK)

PTP 3.1 Group 7 (08:30-10:40)

PTP 3.2 Group 8 (09:40-11:50)

PTP 3.3 Group 9 (10:50-13:00)

10:00-11:00

SS 1801 Special Session

Pedal angioplasty

1801.1 Patient selection and imaging

D. Karnabatidis (Patras/GR)

1801.2 Equipment selection and periprocedural patient management

H. Alfke (Lüdenscheid/DE)

1801.3 How I do it

T. Rand (Vienna/AT)

1801.4 Results and complications H. Kobeiter (Créteil/FR)



10:00-11:00

SS 1802 Special Session

Thoracic and thoracoabdominal aorta

1802.1 Do we know yet how much of the aorta to cover in dissection?

A. Chavan (Oldenburg/DE)

1802.2 Do branched/fenestrated aortic endografts have a role in chronic dissection?

E.L. Verhoeven (Nuremberg/DE)

1802.3 What is the chimney technique? Is it worthwhile? J. Hardman (Bath/UK)

1802.4 Will there be a practical branched/fenestrated solution for aortic arch disease?
A. Holden (Auckland/NZ)

10:00-11:00

SS 1803 Special Session

Ablation of lung cancer

1803.1 How to select patients for tumour ablation G. Carrafiello (Varese/IT)

1803.2 How I do it

A. Gillams (London/UK)

1803.3 Results and complications *T. de Baère (Villejuif/FR)*

1803.4 Embolization: is there a role? S. Hori (Izumisano/JP)

10:00-11:00

FC 1804 Foundation Course

Renal ablation: how I do it

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

1804.1 Patient selection: RFA vs. cryotherapy J. Tacke (Passau/DE)

1804.2 How to perform a typical RFA ablation *A. Veltri (Orbassano/IT)*

1804.3 How to perform a typical cryoablation *X. Buy (Strasbourg/FR)*

1804.4 Tips and tricks and how to manage complications D.J. Breen (Southampton/UK)

10:00-11:00

SS 1805 Special Session

Vascular malformations

1805.1 Diagnosis: clinical and imaging essentials *M. Katoh (Krefeld/DE)*

1805.2 High-flow vascular malformations: what you need to know

P. Waldenberger (Linz/AT)

1805.3 Low-flow vascular malformations: what you need to know

H. Mimura (Okayama/JP)

1805.4 Who should I treat and who should I refer to an expert?

J.E. Jackson (London/UK)

10:30-12:00

EMT-HoW 3 Hands-on Workshop

Embolization: materials and tools – onyx & glue

Coordinators: S.J. McPherson (Leeds/UK), E.M. Walser (Jacksonville, FL/US)

10:30-12:30

VAT-HoW 2 Hands-on Workshop

Vertebral augmentation techniques – vertebroplasty & kyphoplasty

Coordinators: J. Garnon (Strasbourg/FR), G. Tsoumakidou (Strasbourg/FR)

11:30-12:30

Satellite Symposia

11:30-13:00

IVC-HoW 3 Hands-on Workshop IVC filters

Coordinators: O. Pellerin (Paris/FR), A.F. Watkinson (Exeter/UK)

13:00-14:00

Satellite Symposium

13:00-14:30

General Assembly

14:15-15:15

Satellite Symposium

15:30-16:30

FI 2101 Film Interpretation Quiz

Coordinators: S. Macdonald (Newcastle-upon-Tyne/UK), O.M. van Delden (Amsterdam/NL)

16:00-17:30

EMT-HoW 4 Hands-on Workshop

Embolization: materials and tools – onyx & glue WS 2304 Workshop

Coordinators: S.J. McPherson (Leeds/UK), E.M. Walser (Jacksonville, FL/US)

16:30-18:00

TA-HoW 5 Hands-on Workshop

Tumour ablation: tips and tricks - lung

Coordinators: A.D. Kelekis (Athens/GR), R. Lencioni (Pisa/IT)

16:45-17:45 **Free Papers**

17:00-18:30

CD-HoW 3 Hands-on Workshop

A closer look at closure devices

Coordinators: S. Müller-Hülsbeck (Flensburg/DE), J. Tacke (Passau/DE)

17:00-18:30

ST-HoW 1 Hands-on Workshop

Stroke therapy

Coordinators: J. Berkefeld (Frankfurt/DE), K.A. Hausegger (Klagenfurt/AT)

18:00-19:00

WS 2301 Workshop

TIPS: how to perform easy and difficult procedures

2301.1 A. Krajina (Hradec Králové/CZ) 2301.2 I.K. Tesdal (Friedrichshafen/DE)

18:00-19:00

WS 2302 Workshop

Thoracic duct intervention

2302.1 M. Itkin (Philadelphia, PA/US) 2302.2 S.M. Lyon (Melbourne, VIC/AU) 18:00-19:00

WS 2303 Workshop

Advanced endoleak management

2303.1 R.G. McWilliams (Liverpool/UK) 2303.2 F. Pozzi-Mucelli (Trieste/IT)

18:00-19:00

Spine procedures

2304.1 W.A. Clark (Kogarah, NSW/AU) 2304.2 A. Gangi (Strasbourg/FR)

18:00-19:00

WS 2305 Workshop

Portal vein embolization: patient selection and

how to do it

2305.1 M. Darcy (St. Louis, MO/US) 2305.2 T. de Baère (Villejuif/FR)

18:00-19:00

WS 2306 Workshop

Advanced vascular malformation intervention

2306.1 A. Barnacle (London/UK) 2306.2 M. Köcher (Olomouc/CZ)

18:00-19:00

Satellite Symposia



Tuesday, September 18 37

Tuesday, September 18

08:		

Satellite Symposia

08:30-09:30

SS 2501 Special Session

Trauma

- 2501.1 Trauma imaging for the IR: what to look for *C. De Vries (Bloemfontein/ZA)*
- 2501.2 Hepatic and renal trauma: when to treat and when to observe

 J.V. Patel (Leeds/UK)
- 2501.3 Splenic trauma: proximal vs. distal embolization *A. Denys (Lausanne/CH)*
- 2501.4 Management of pelvic traumatic haemorrhage *J. Urbano García (Madrid/ES)*

08:30-09:30

SS 2502 Special Session

Lower limb trials update - femoropopliteal segment

Moderator: P.A. Gaines (Sheffield/UK)

- 2502.1 Bare stents RESILIENT trial, etc. B.T. Katzen (Miami, FL/US)
- 2502.2 Drug-eluting stents Zilver PTX *M.D. Dake (Stanford, CA/US)*
- 2502.3 Stent-grafts vs. bare stents VIASTAR, VIPER trials,

M.A. Funovics (Vienna/AT)

- 2502.4 Drug-eluting balloons G. Tepe (Rosenheim/DE)
- 2502.5 Atherectomy DEFINITIVE LE, etc. R.A. Morgan (London/UK)
- 2502.6 Objective analysis: do we now know how to treat femoropopliteal lesions? P.A. Gaines (Sheffield/UK)

08:30-09:30

ICS 2503 Interactive Case Session

Back pain treatment

- 2503.1 C.A. Binkert (Winterthur/CH)
- 2503.2 A.D. Kelekis (Athens/GR)

08:30-09:30

SS 2504 Special Session

Innovations in oncologic IR

- 2504.1 Oncolytic viral therapy: what is it? S.C. Rose (San Diego, CA/US)
- 2504.2 Irreversible electroporation: a true revolution over RFA?

L. Crocetti (Pisa/IT)

- 2504.3 Hepatic chemosaturation: what, how and when? B.J. Wood (Bethesda, MD/US)
- 2504.4 Improving outcomes of portal vein embolization *T. Figueira (Lisbon/PT)*

08:30-09:30

SS 2505 Special Session

Clinical management of the diabetic foot

- 2505.1 Impact of the diabetic foot on the community *R.J. Hinchliffe (London/UK)*
- 2505.2 How to assess diabetic foot problems clinically N. Schaper (Maastricht/NL)
- 2505.3 Diagnostic work-up for diabetic foot problems *D.A. Brisbois (Liège/BE)*
- 2505.4 How interventional radiologists can contribute to diabetic foot management

 J.A. Reekers (Amsterdam/NL)

08:30-13:00

PTP-HoW 4 Hands-on Workshop

Principles to practice: education and simulation skills training / Contemporary carotid artery stenting

Coordinators: D.O. Kessel (Leeds/UK), I. Robertson (Glasgow/UK)

- PTP 4.1 Group 10 (08:30-10:40)
- PTP 4.2 Group 11 (09:40-11:50)
- PTP 4.3 Group 12 (10:50-13:00)

10:00-11:00

SS 2601 Special Session

Epistaxis

- 2601.1 Conservative management vs. IR in the management of epistaxis

 G. Mühlenbruch (Aachen/DE)
- 2601.2 Relevant arterial anatomy
 A. Krajina (Hradec Králové/CZ)
- 2601.3 Standard embolization procedure A.D. Platts (London/UK)
- 2601.4 How to tackle difficult anatomy A.M. Al-Kutoubi (Beirut/LB)

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SS 2602 Special Session

Lower limb trials update - infrapopliteal segment

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

2602.1 PTA and bare stents

F. Fanelli (Rome/IT)

2602.2 Drug-eluting stents

K.N. Katsanos (Patras/GR)

2602.3 Drug-eluting balloons

M. Düx (Frankfurt am Main/DE)

2602.4 Do the trials support the use of stem cell and gene therapy?

S. Sharma (Delhi/IN)

2602.5 Objective analysis: Do we now know how to treat infrapopliteal lesions?
J.A. Reekers (Amsterdam/NL)

10:00-11:00

SS 2603 Special Session

Acute lower limb ischaemia

2603.1 Is there an indication for thrombolysis? Revisiting the evidence

D.F. Ettles (Hull/UK)

2603.2 How I perform thrombolysis in acute lower limb ischaemia

S. Frei (St. Gallen/CH)

2603.3 Is there a role for mechanical thrombectomy? H.-J. Wagner (Berlin/DE)

2603.4 Acute aorto-iliac occlusion: is there a role for IR? (Occluded EVAR limbs, etc.) R.J. Ashleigh (Manchester/UK)

10:00-11:00

SS 2604 Special Session

Training in interventional oncology: beyond technology

2604.1 The spectrum of interventional oncology *R. Lencioni (Pisa/IT)*

2604.2 Interventional oncology: the pieces of the jigsaw A.A. Nicholson (Leeds/UK)

2604.3 Radiotherapy and chemotherapy: what and why the interventional oncologist needs to know *L.M. Kenny (Brisbane, QLD/AU)*

Round-table discussion: is it time to create a curriculum in interventional oncology?

10:00-11:00

CM 2605 CIRSE meets Italy

Transcatheter management of hepatocellular carcinoma

Moderators: F. Florio (San Giovanni Rotondo/IT), M.J. Lee (Dublin/IE)

2605.1 Indications for transarterial treatment of HCC

I. Bargellini (Pisa/IT), R. Cioni (Pisa/IT)

2605.2 TACE with drug eluting beads

M. Grosso (Cuneo/IT)

2605.3 Radioembolization R. Golfieri (Bologna/IT)

10:00-11:30

VV-HoW 2 Hands-on Workshop

Varicose veins

Coordinators: C.A. Binkert (Winterthur/CH), K.D. McBride (Dunfermline/UK)

10:30-12:00

EMT-HoW 5 Hands-on Workshop

Embolization: materials and tools – particulate agents

Coordinators: S.J. McPherson (Leeds/UK), E.M. Walser (Jacksonville, FL/US)

11:30-12:30

Satellite Symposia

11:30-13:00

ST-HoW 2 Hands-on Workshop

Stroke therapy

Coordinators: J. Berkefeld (Frankfurt/DE), K.A. Hausegger (Klagenfurt/AT)



13:00-14:30

Josef Roesch Lecture / Hot Topic Symposium

HL 2801 Josef Roesch Lecture

2801.1 Preclinical IR research: what it does for you D. Pavčnik (Portland, OR/US)

HTS 2802 Renal denervation

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

2802.1 Concept of renal denervation *P.J. Blankestijn (Utrecht/NL)*

2802.2 How bad is RF for the renal artery? C. Jilek (Munich/DE)

2802.3 Pro renal denervation: an opportunity IR should not miss

M. Voskuil (Utrecht/NL)

2802.4 Con renal denervation: as there is not enough evidence

M. Azizi (Paris/FR)

Closing discussion

15:00-16:30

MM 2901 Morbidity & Mortality Conference

Coordinators: L. Crocetti (Pisa/IT), S. Müller-Hülsbeck (Flensburg/DE)

16:00-18:00

VAT-HoW 3 Hands-on Workshop

Vertebral augmentation techniques – vertebroplasty & stentoplasty

Coordinators: J. Garnon (Strasbourg/FR), G. Tsoumakidou (Strasbourg/FR)

16:30-18:00

TA-HoW 6 Hands-on Workshop

Tumour ablation: tips and tricks - kidney

Coordinators: A.D. Kelekis (Athens/GR), R. Lencioni (Pisa/IT)

17:00-18:00

WS 3001 Workshop

Optional IVC filters

3001.1 O. Pellerin (Paris/FR)

3001.2 G.R. Plant (Basingstoke/UK)

17:00-18:00

WS 3002 Workshop

Case-based femoropopliteal interventions

3002.1 M. Das (Maastricht/NL) 3002.2 M. Rossi (Rome/IT)

17:00-18:00

WS 3003 Workshop

Peripheral bone interventions

3003.1 A. Feydy (Paris/FR)

3003.2 S.M. Tutton (Milwaukee, WI/US)

17:00-18:00

WS 3004 Workshop

Renal tumour ablation: who, what and how to do it

3004.1 *J. Kettenbach (Bern/CH)* 3004.2 *J. Tacke (Passau/DE)*

17:00-18:00

WS 3005 Workshop

Pulmonary AVMs: essentials

3005.1 J.E. Jackson (London/UK) 3005.2 J.A. Vos (Nieuwegein/NL)

17:00-18:00

WS 3006 Workshop

IR management of GI haemorrhage

3006.1 G.J. Robinson (Hull/UK) 3006.2 C.E. Ray (Golden, CO/US)

17:00-18:00 **Free Papers**

Wednesday, September 19

SS 3101	08:30-09:30 Special Session	SS 3202	10:00-11:00 Special Session
	Portal hypertension		IR in the future
3101.1	Update on TIPS trials: is there new evidence?	3202.1	What is the future of simulation?
	G.M. Richter (Stuttgart/DE)		D.O. Kessel (Leeds/UK)
3101.2	How to manage portal vein stenosis V. Vidal (Marseille/FR)	3202.2	Robotics: potential major IR role or an expensive research tool?
3101.3	IR treatment of Budd-Chiari syndrome		T. Schmitz-Rode (Aachen/DE)
	L. Rosa (Lisbon/PT)	3202.3	How does fusion imaging help IR?
3101.4	BRTO: indications and treatment		G. Mauri (Milan/IT)
	S. Hirota (Nishinomiya/JP)	3202.4	Nanotechnology: how will it help IR? L. Machan (Vancouver, BC/CA)
	08:30-09:30		
ICS 3102	Interactive Case Session		10:00-11:00
	Challenging EVAR	SS 3203	Special Session
			Interventional radiology in hepatic
	M.A. Funovics (Vienna/AT)		transplantation
3102.2	H. Rousseau (Toulouse/FR)		
		3203.1	Imaging diagnosis of suspected HCC lesions
66.04.00	08:30-09:30	2202.2	C. Bartolozzi (Pisa/IT)
55 3103	Special Session	3203.2	Treatment of HCC in the waiting list
	Cholangiocarcinoma	2202.2	G. Narayanan (Miami, FL/US) Interventional management of vascular complic
3103 1	Management of intrahepatic cholangiocarcinoma	3203.3	tions
3103.1	M.C. Soulen (Philadelphia, PA/US)		P.E. Huppert (Darmstadt/DE)
3103.2	Multimodal management of hilar cholangio-	3203.4	Interventional management of biliary complica-
3103.2	carcinoma	3203.4	tions
	V. Válek (Brno/CZ)		J.B. Karani (London/UK)
3103.3	Photodynamic therapy		
	MA. Ortner (Bern/CH)		10:00-11:00
3103.4	Intraductal RF/stent ablation	SS 3204	Special Session
	P.A.M.S. Almeida (Viseu/PT)		Vascular imaging
	08:30-09:30	3204.1	Imaging for the diagnosis of popliteal artery
SS 3104	Special Session		entrapment syndrome
	Imaging after ablation: what you need to know		B.S. Tan (Singapore/SG)
		3204.2	Imaging for the diagnosis of thoracic outlet
3104.1	Imaging after liver thermal ablation		syndrome
21042	N.L. Kelekis (Athens/GR) Imaging after liver chemo/radioembolization	2204.2	C.M. Loewe (Vienna/AT)
3104.2	P. Reimer (Karlsruhe/DE)	3204.3	Clinical and imaging assessment of chronic mesenteric ischaemia
31043	Imaging after renal cancer ablation		D.A. Brisbois (Liège/BE)
3104.5	JM. Correas (Paris/FR)	3204.4	Current status of non-contrast MR angiography
3104.4	Imaging after lung cancer ablation	320 1.1	A. Redheuil (Paris/FR)
5.5	L. Crocetti (Pisa/IT)		7.1. real real (1. a. 1.5) 1. 19
			11:30-12:30
	10:00-11:00	WS 3301	Workshop
ICS 3201	Interactive Case Sessions		Case-based aorto-iliac interventions
	Infrainguinal interventions	2204.4	M. D. Correi (Double or or AMA)
2201 1	D. Candini (Dama (IT)		V. Bérczi (Budapest/HU)
	R. Gandini (Rome/IT) M. Das (Maastricht/NL)	3301.2	E. Brountzos (Athens/GR)
JZU1.Z	IVI. DUS (IVIUUSUICII(/IVL)		



11:30-12:30

WS 3302 Workshop

Patient and personnel dose management in interventional radiology

3302.1 *G. Bartal (Kfar-Saba/IL)* 3302.2 *E. Vano (Madrid/ES)*

11:30-12:30

WS 3303 Workshop

Gastrostomy and gastrojejunostomy

3303.1 O. Akhan (Ankara/TR) 3303.2 M.F. Given (Dublin/IE)

11:30-12:30

WS 3304 Workshop

Case-based management of iatrogenic vascular trauma

3304.1 S. Müller-Hülsbeck (Flensburg/DE)

3304.2 F. Wolf (Vienna/AT)

Foundation Courses

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

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

The Essentials of Vascular Interventions

	Saturday, September 15		Sunday, September 16
FC 101	08:30-09:30 Arterial puncture: how I do it	FC 1003	10:00-11:00 Femoropopliteal disease: how I do it
	Moderator: E. Brountzos (Athens/GR)		Moderator: B.T. Katzen (Miami, FL/US)
101.1	Easy and difficult antegrade femoral artery puncture HJ. Wagner (Berlin/DE)	1003.1	Which TASC lesions should IRs treat and which should they not treat? P. Haage (Wuppertal/DE)
101.2	How to perform transpopliteal arterial puncture AM. Belli (London/UK)	1003.2	How to treat short lesions D.O. Kessel (Leeds/UK)
101.3	How to perform brachial arterial puncture M. Di Primio (Paris/FR)	1003.3	How to treat long lesions K.A. Hausegger (Klagenfurt/AT)
101.4	How to treat access site complications D.K. Tsetis (Iraklion/GR)	1003.4	What do you do if you can't recanalise the occlusion? T. Jahnke (Neumünster/DE)
	11:30-12:30		
	11:50-12:50		
FC 301	Iliac disease: how I do it		Monday, September 17
	Iliac disease: how I do it Moderator: R.A. Morgan (London/UK)	FC 1701	Monday, September 17 08:30-09:30 Infrapopliteal disease: how I do it
FC 301 301.1	Iliac disease: how I do it Moderator: R.A. Morgan (London/UK) How to select ipsilateral vs. contralateral access	FC 1701	08:30-09:30 Infrapopliteal disease: how I do it
301.1	Iliac disease: how I do it Moderator: R.A. Morgan (London/UK) How to select ipsilateral vs. contralateral access S. Müller-Hülsbeck (Flensburg/DE) Basic technique to treat iliac artery stenoses		08:30-09:30 Infrapopliteal disease: how I do it Moderator: P.E. Andersen (Odense/DK)
301.1	Iliac disease: how I do it Moderator: R.A. Morgan (London/UK) How to select ipsilateral vs. contralateral access S. Müller-Hülsbeck (Flensburg/DE)	FC 1701 1701.1	08:30-09:30 Infrapopliteal disease: how I do it
301.1 301.2 301.3	Iliac disease: how I do it Moderator: R.A. Morgan (London/UK) How to select ipsilateral vs. contralateral access S. Müller-Hülsbeck (Flensburg/DE) Basic technique to treat iliac artery stenoses F. Fanelli (Rome/IT)	1701.1	08:30-09:30 Infrapopliteal disease: how I do it Moderator: P.E. Andersen (Odense/DK) Which patients should you treat? J. Lammer (Vienna/AT) Which catheters, wires and special tools should you use? J.H. Peregrin (Prague/CZ)
301.1 301.2 301.3	Iliac disease: how I do it Moderator: R.A. Morgan (London/UK) How to select ipsilateral vs. contralateral access S. Müller-Hülsbeck (Flensburg/DE) Basic technique to treat iliac artery stenoses F. Fanelli (Rome/IT) How to recanalise occlusions E. Brountzos (Athens/GR) How to treat lesions at the aortic bifurcation	1701.1	08:30-09:30 Infrapopliteal disease: how I do it Moderator: P.E. Andersen (Odense/DK) Which patients should you treat? J. Lammer (Vienna/AT) Which catheters, wires and special tools should you use?



The Essentials of Interventional Oncology

Saturday, September 15

FC 203	10:00-11:00 Hepatic RFA: how I do it	FC 1101	11:30-12:30 TACE: how I do it
	Moderator: T. de Baère (Villejuif/FR)		Moderator: J.I. Bilbao (Pamplona/ES)
203.1	Patient selection and devices P.L. Pereira (Heilbronn/DE)	1101.1	How to select patients for TACE I. Bargellini (Pisa/IT)
203.2	How to perform a typical RFA procedure C.T. Sofocleous (New York, NY/US)	1101.2	How to perform a typical TACE procedure K. Malagari (Athens/GR)
203.3	Tips and tricks for challenging cases M. Bezzi (Rome/IT)	1101.3	Tips and tricks for difficult procedures N. Hacking (Southampton/UK)
203.4	How to follow up and when to re-intervene <i>C. Ayuso (Barcelona/ES)</i>	1101.4	How to decide between RFA, radioembolization and TACE <i>RT. Hoffmann (Dresden/DE)</i>
	Sunday, September 16		
	08:30-09:30		Monday, September 17
FC 901	Radioembolization: how I do it	FC 1804	10:00-11:00 Renal ablation: how I do it
	Moderator: N.P. Tait (London/UK)		
901.1	How to set up a radioembolization service		Moderator: T.K. Helmberger (Munich/DE)
901.2	T.F. Jakobs (Munich/DE) What you need to do before the radioemboliza-	1804.1	Patient selection: RFA vs. cryotherapy J. Tacke (Passau/DE)
	tion procedure W.S. Rilling (Milwaukee, WI/US)	1804.2	How to perform a typical RFA ablation A. Veltri (Orbassano/IT)
901.3	How to perform radioembolization J.I. Bilbao (Pamplona/ES)	1804.3	How to perform a typical cryoablation X. Buy (Strasbourg/FR)
901.4	How to follow up patients after radioembolization <i>R. Salem (Chicago, IL/US)</i>	1804.4	Tips and tricks and how to manage complications <i>D.J. Breen (Southampton/UK)</i>

Hands-on Workshops

A closer look at closure devices

Coordinators: S. Müller-Hülsbeck (Flensburg/DE), J. Tacke (Passau/DE)



This workshop will deal with the use of arterial closure devices after peripheral and prior to aortic endovascular procedures.

An overview of currently available closure devices for peripheral arterial and aortic interventions will be provided in a comprehensive and balanced manner. Indications and contraindications will be highlighted, as well as complications and how to avoid them. Further, all relevant tips and tricks for the proper use of closure devices during daily practice will be imparted.

By the end of the workshop all participants should be able to understand the various principles of current devices as well as indications. The experience will be completed by the opportunity to test sample devices.

Learning objectives

- To understand the meaning of a thorough puncture technique for the successful use of a closure device
- To become familiar with the currently available closure devices for peripheral and aortic interventions
- To know the clinical results, potential pros and cons as well as complication rates

CD-HoW 1 Saturday, September 15
17:00-18:30

CD-HoW 2 Sunday, September 16
17:00-18:30

CD-HoW 3 Monday, September 17
17:00-18:30

Please note that participants need to register in advance at an extra cost of \in 75.

Embolization: materials and tools

Coordinators: S.J. McPherson (Leeds/UK), E.M. Walser (Jacksonville, FL/US)



These Hands-on Workshops provide an overview of current embolization materials and techniques.

A brief introduction is followed by workshop participants rotating around each of a series of tabletop demonstrations. Participants will engage informally with instructors and try out various embolic materials for themselves on human and flow models. The sessions will cover the basic principles of embolization, the different types of embolic agents available, how to choose, prepare and deliver an appropriate embolic agent and how to avoid non-target embolization. The emphasis of the sessions will primarily be a hands-on practical approach where participants can handle and/or perform embolization with the various agents mentioned.

Learning objectives

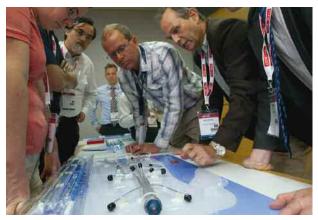
- To learn the basic principle of embolization
- To become familiar with the common embolic agent categories
- To choose an appropriate embolic agent
- To correctly use the agent chosen
- To avoid non-target embolization

EMT-HoW 1 Coils & plugs	Sunday, September 16 10:30-12:00
EMT-HoW 2 Coils & plugs	Sunday, September 16 16:00-17:30
EMT-HoW 3 Onyx & glue	Monday, September 17 10:30-12:00
EMT-HoW 4 Onyx & glue	Monday, September 17 16:00-17:30
EMT-HoW 5 Particulate agents	Tuesday, September 18 10:30-12:00

Lisbon 2012 Hands-on Workshops 45

IVC filters

Coordinators: O. Pellerin (Paris/FR), A.F. Watkinson (Exeter/UK)



IVC filters are widely used in Europe. They all have pros and cons regarding technical features that make them more or less difficult to retrieve or convert.

The workshop will start with a 15-minute introduction focused on the technical features of the filters available in the room. Participants will then have the opportunity to test the filters on models, with the help of experts who will be on hand. This workshop is aimed at vascular IRs who perform IVC filter placement and want to learn the specific techniques of filter extraction and conversion.

Learning objectives

- To learn the basic technical features of IVC filters and be able to choose an appropriate device
- To practise the step-by-step technique for implantation and extraction/conversion
- To learn technical tips and tricks

IVC-HoW 1 Saturday, September 15
11:30-13:00

IVC-HoW 2 Sunday, September 16
11:30-13:00

IVC-HoW 3 Monday, September 17
11:30-13:00

Please note that participants need to register in advance at an extra cost of \in 75.

Principles to practice: education and simulation skills training

Coordinators: D.O. Kessel (Leeds/UK), I. Robertson (Glasgow/UK)



The tried-and-tested format of this popular workshop consists of round-table discussions followed by practice with the aid of high-fidelity simulators.

Each session is intended for delegates with a specific level of experience (core, intermediate or advanced). The round-table discussions are themed around learning objectives, which relate to a specific clinical or procedural topic.

The delivery of each session is flexible to respond to delegates' interests and emphasis is placed on small group teaching, allowing close interaction with the expert faculty. Equipment and devices will be available to demonstrate deployment technique.

The topics of the CIRSE 2012 **Principles to practice** training sessions will be:

- Basics of angioplasty and stenting
- Basic embolization techniques
- Acute aortic syndromes
- Contemporary carotid artery stenting

The session timings are shown below:

PTP-HoW 1	Saturday, September 15
Basics of angioplasty	08:30-13:00
and stenting	

PTP-HoW 2 Sunday, September 16
Basic embolization techniques 08:30-13:00

PTP-HoW 3 Monday, September 17

Acute aortic syndromes 08:30-13:00

PTP-HoW 4 Tuesday, September 18
Contemporary carotid 08:30-13:00
artery stenting

Stroke therapy

Coordinators: J. Berkefeld (Frankfurt/DE), K.A. Hausegger (Klagenfurt/AT)



An increasing number of interventional radiologists are involved in intra-arterial therapy in acute cerebral stroke. There is increasing evidence that urgent restoration of cerebral circulation by mechanical thrombectomy is one of the most important factors determining the fate of patients with acute ischaemic stroke.

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

Learning objectives

- To introduce the principles of mechanical thrombectomy in patients with embolic stroke
- To get to a standardised technique in a step-by-step manner
- To become familiar with four typical devices and their handling
- To get an impression of how it works from training with the flow model
- To discuss technical and clinical problems with co-ordinators and instructors

ST-HoW 1 Monday, September 17

17:00-18:30

ST-HoW 2 Tuesday, September 18

11:30-13:00

Please note that participants need to register in advance at an extra cost of \in 75.

Tumour ablation: tips and tricks

Coordinators: A.D. Kelekis (Athens/GR), R. Lencioni (Pisa/IT)



The Hands-on Workshop on tumour ablation will give you the opportunity to participate in interactive case presentations with European experts in the field of ablation. You will be able to access all ablation systems (RFA, cryotherapy, microwave, electroporation) available in a single place.

The first two workshops are adapted for people with very little or no experience in ablation who want to start their practice.

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

TA-HoW 1 Saturday, September 15

Starting your practice 11:00-12:30

TA-HoW 2 Saturday, September 15

Starting your practice 16:30-18:00

Learning objectives

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

TA-HoW 3 Sunday, September 16

Liver 11:00-12:30

TA-HoW 4 Sunday, September 16

Liver 16:30-18:00

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Learning objectives

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

TA-HoW 5 Monday, September 17 Lung 16:30-18:00

Learning objectives

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

TA-HoW 6 Tuesday, September 18 Kidney 16:30-18:00

Learning objectives

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

Please note that participants need to register in advance at an extra cost of \in 75.

Varicose veins

Coordinators: C.A. Binkert (Winterthur/CH), K.D. McBride (Dunfermline/UK)



Endovenous thermal ablation of varicose veins is well suited for interventional radiologists to perform. IRs have all the necessary skills to provide good care for patients with varicose veins: patient evaluation, diagnostic duplex ultrasound, venous access under ultrasound guidance and catheter-based intervention.

Unfortunately, many IRs are not yet familiar with the relevant devices. This Hands-on Workshop gives an opportunity to gain familiarity with the currently available ablation devices including the handling of different fibres and probes and the corresponding generators. Participants will learn how to use these devices so that they can get started with a venous ablation practice.

Learning objectives

- To learn about the two main methods for endovenous ablation: laser and radiofrequency
- To get familiar with the set-up needed to perform endovenous ablation
- To get practical experience with different devices

VV-HoW 1 Monday, September 17 08:30-10:00

VV-HoW 2 Tuesday, September 18

10:00-11:30

Vertebral augmentation techniques

Coordinators: J. Garnon (Strasbourg/FR), G. Tsoumakidou (Strasbourg/FR)



Percutaneous vertebroplasty is a novel technique in which acrylic cement is injected through a needle into a collapsed or weakened vertebra to stabilise the fracture. This procedure is effective for treating certain types of painful vertebral compression fractures and some painful or unstable benign and malignant vertebral lesions that fail to respond to the conservative therapies.

Kyphoplasty is an adaptation of vertebroplasty. High pressure balloons are inserted into the vertebral bodies and enable the creation of a cavity into which cement can be safely injected.

Stentoplasty is a further adaptation of vertebroplasty and kyphoplasty. It is a new technique recently developed that involves placing a metal stent (cage) within the collapsed vertebral body and then expanding this to try and enable some height restoration before filling that cavity created with cement.

Continued from past CIRSE congresses, this workshop will give an insight into the principles and techniques of these procedures. It will start with a theoretical introduction and a brief review of the principles and indications. This will be followed by a hands-on demonstration. Participants will then have the opportunity to practice needle placement, cement preparation and injection on plastic spine models under fluoroscopic guidance.

Learning Objectives

- To get familiar with the currently available vertebral augmentation techniques
- To understand the basic principles and receive a literature update on the procedures
- To practise needle placement into a lumbar vertebral body model under fluoroscopic guidance
- To exercise placement of the kyphoplasty/stentoplasty systems
- To learn and practise cement preparation and delivery under fluoroscopic guidance

VAT-HoW 1 Sunday, September 16 Vertebroplasty 10:30-12:30

VAT-HoW 2 Monday, September 17 Vertebroplasty & 10:30-12:30

kyphoplasty

VAT-HoW 3 Tuesday, September 18
Vertebroplasty & 16:00-18:00

Vertebroplasty & stentoplasty

Location

The workshops will be held in Hospital da Luz, Avendia Lusíada 100, 1500-650 Lisbon.

Pre-registered participants will receive detailed information on meeting point and transfer.



Workshops for radiographers

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

Saturday, September 15

10:00-11:00

RWS 206 EFRS Workshop 1

Radiation protection of workers and patients in the interventional lab - AITRI guidelines

206.1 D. Catania (Milan/IT)206.2 S. Cuman (Varese/IT)

Learning objectives

After active participation in this presentation and workshop, attendees will have gained knowledge and understanding of:

- · permitted threshold doses
- the importance of using adequate protection for patients and workers during radiation exposure
- · diseases induced by radiation exposure
- measures to reduce radiation absorption in workers and patients
- the importance of workers sharing operational standards, appropriate criteria, structural and technological equipment, as described in the AITRI guidelines

Background information:

The AITRI (Italian Association of Interventional Radiographers) guidelines state that the involvement of professionals who are specifically trained in the use of ionising radiation will lead to higher quality procedures and will minimise the radiation dose to both patient and operators.

It is highly recommended to draft European guidelines addressing factors that are common to all interventional labs, such as operational standards, criteria for justification of the procedures, minimum technical requirements and last but not least, specific education of staff.

A growing number of radiographers working in the field of interventional radiology attend the annual CIRSE congress. In order to cater for this development, CIRSE and the European Federation of Radiographer Societies (EFRS) are organising two interactive workshops, specially designed for radiographers and nurses.

Sunday, September 16

10:00-11:00

RWS 1006 EFRS Workshop 2

The role of the radiographer in the angiography department

1006.1 S. Hveding Huse (Oslo/NO) 1006.2 P.H. Søderlund (Oslo/NO)

Learning objectives

After active participation in this workshop/presentation, attendees will have gained knowledge and understanding of:

- the benefits of a team approach
- the variety of roles undertaken by interventional radiographers across Europe
- the challenges presented by this wide range of roles

A series of two workshops organised in co-operation with the



General Information

Dates and Deadlines

CIRSE 2012 will take place September 15-19, 2012. Late breaking abstract submission will be possible from **May 4, 2012 until May 14, 2012**.

Venue

Centro de Congressos de Lisboa Praça das Indústrias 1300-307 Lisbon, Portugal Phone: +351 213 601 403

Fax: +351 213 601 499 E-mail: lisboacc@aip.pt www.lisboacc.pt/portal

CME Credit Allowance

European Accreditation is granted by the EACCME (European Accreditation Council for Continuing Medical Education) to CIRSE congress participants in order to validate the credits in their home country.

CIRSE 2011 in Munich, Germany, was granted 27 hours of European external CME credits. The same amount of credits or even more are expected for CIRSE 2012.

CIRSE Central Office

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

Hotel and Travel Booking

In co-operation with Kuoni Destination Management / Buzz Portugal, CIRSE has secured a great number of hotel rooms in Lisbon for the benefit of our congress participants.

Online hotel reservation is now available at www.cirse.org.

If you have any questions, please do not hesitate to contact: **Kuoni Destination Management**

operated by Buzz Portugal DMC Av. Elias Garcia, n° 147, 5° Esq 1050-099 Lisboa

Phone: +351 211 147 160 Fax: +351 2111 47 169

E-mail: cirse2012@ch.kuoni.com

Booking Conditions

Rooms will be allocated on a "first come – first served" basis. A one night deposit per reserved room plus a handling fee of € 25.00 is required to secure your hotel reservation. All payments are requested to be made in Euro (€). Bank fees will be charged to the participant. Please note, that your payment must reach Kuoni / Buzz no later than 10 days after booking. Otherwise your reservation will be cancelled.

Group Requests (10 rooms and more):

For group bookings please send your request directly to Kuoni / Buzz Portugal, Mrs. Sandra Cordeiro under cirse2012@ch.kuoni.com.

Cancellation Policy

Please note the following cancellation policy which will apply to all individual hotel bookings:

Until June 1, 2012

100% refund less EURO 25.00 handling fee
From June 2, 2012 to July 18, 2012
50% refund less EURO 25.00 handling fee
After July 18, 2012

No refund, 100% cancellation fee will apply

- All cancellations and changes are to be addressed to Kuoni / Buzz Portugal in writing.
- For changes Kuoni / Buzz Portugal reserves the right to charge an administration fee.
- Please note that accommodation for additional nights is strictly subject to the hotel's availability.
- All necessary refunds will be made after the congress.



Congress Registration

Register before June 6, 2012 and benefit from reduced early bird registration fees!

Online registration (secured payment) for CIRSE 2012 is now available on www.cirse.org. Please note that your registration must be submitted and all fees paid by the respective deadlines.

Incomplete registrations (not containing full name and address) cannot be processed.

Registration Fees (€)

Until June 6, 2012

CIRSE Member	€ 420
Non Member	€720
Resident/Nurse/Technician* (CIRSE Member)	€ 270
Resident/Nurse/Technician* (Non Member)	€ 320

Until July 12, 2012

CIRSE Member	€ 580
Non Member	€ 895
Resident/Nurse/Technician* (CIRSE Member)	€ 455
Resident/Nurse/Technician* (Non Member)	€ 520

After July 12, 2012

CIRSE Member	€ 675
Non Member	€ 970
Resident/Nurse/Technician* (CIRSE Member)	€ 475
Resident/Nurse/Technician* (Non Member)	€ 550

^{*}to be accompanied by a certificate, signed by the Head of Department.

Please fax the confirmation within 5 days after your registration to: +43 (0)1 904 2003 30

Reduced registration fees for CIRSE 2012 are only available for those members who have been in good standing with CIRSE in 2011 and 2012.

Individuals who become CIRSE members 2012 will be able to benefit from reduced congress fees starting at CIRSE 2013.

Method of payment

Registration fees are to be paid in Euros (€) by:

- Bank Transfer or
- Credit Card (Visa or Eurocard/Mastercard)

Cancellation of congress registration

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

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

Additional information

All CIRSE 2012 registrants will be able to print out an invoice of the registration using their personal login details at www.cirse.org.

Invoices will be issued by: CIRSE Congress Research Education GmbH, Neutorgasse 9, 1010 Vienna, Austria

Isento de IVA de acordo com o N.º 14 do Artigo 9.º do CIVA Registration fee deemed as VAT exempt according to the number 14th, article 9th of the Portuguese VAT Code

Further information on hotel booking and registration is available at www.cirse.org

Hotel List CIRSE 2012 Lisbon

	Hotel	Cat' (<i>[</i>	Single (€) Double Room Single Use)	Double (€)	Travel time public transport	Travel time taxi	Cost by taxi (€)
1	Altis Avenida	5*	320	320	20 min	15 min	10
2	Sheraton Lisboa Hotel & Spa	5*	300	300	22 min	15 min	10
3	Altis Lisboa	5*	290	290	22 min	15 min	10
4	Altis Prime	5*	290	290	22 min	15 min	10
5	Dom Pedro Palace	5*	290	290	30 min	12 min	10
6	Tiara Park Atlantic Lisboa	5*	290	290	30 min	12 min	10
7	Tivoli Lisboa	5*	290	290	30 min	15 min	10
8	Corinthia Lisboa	5*	250	250	25 min	12 min	10
9	VIP Grand Lisboa Hotel & Spa	5*	250	250	22 min	15 min	10
10	Real Palacio	5*	240	240	22 min	15 min	10
11	Sofitel Lisboa	4*	270	270	22 min	15 min	10
12	Lisbon Marriott	4*	235	235	32 min	15 min	10
13	Sana Lisboa	4*	230	230	22 min	15 min	10
14	Vila Gale Opera	4*	215	215	5 min	5 min	10
15	VIP Executive Villa Rica	4*	200	200	22 min	15 min	10
16	Fontana Park	4*	195	195	22 min	16 min	10
17	Sana Malhoa	4*	190	190	25 min	12 min	10
18	Novotel Lisboa	4*	170	170	25 min	15 min	10
19	Sana Metropolitan	4*	170	170	35 min	15 min	10
20	Real Parque	4*	165	165	15 min	15 min	10
21	Tivoli Oriente	4*	150	150	25 min	25 min	12
22	Olissippo Oriente	4*	140	140	25 min	25 min	12
23	Acores Lisboa	4*	135	135	10 min	12 min	10
24	VIP Executive Suites Marques	4*	130	130	15 min	15 min	10
25	VIP Executive Diplomatico	4*	120	120	10 min	12 min	10
26	VIP Executive Art's	4*	120	120	25 min	25 min	12
27	VIP Executive Madrid	4*	120	120	15 min	15 min	10
28	Altis Park	4*	100	100	20 min	20 min	12
29	Olissippo Marques de Sa	4*	100	100	10 min	15 min	10
30	VIP Executive Barcelona	3*	105	105	15 min	15 min	10
31	VIP Executive Zurique	3*	95	95	15 min	15 min	10
32	VIP Inn Berna	3*	92	92	15 min	15 min	10

All Rates are in euro (€), per room, per night, including breakfast & taxes.

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



City Map CIRSE 2012 Lisbon



For more detailed information and online hotel booking, please visit www.cirse.org



Tsunami Peripheral

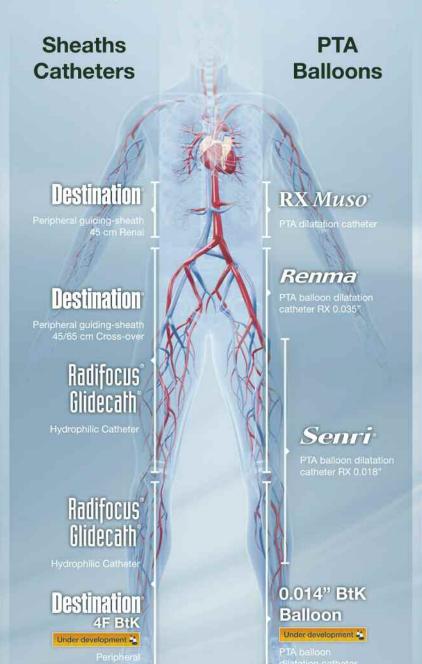
Balloon-expandable stent



Self-expanding peripheral stent



Self-expanding



Guide Wires

Muso WIRE

Peripheral Guide Wire

Radifocus® Glidewire Advantage®

Peripheral Guide Wire 0.035'

Radifocus® Glidewire Advantage®

Peripheral Guide Wire

Radifocus" Glidewire Advantage"

Peripheral Guide Wire



