

ESOR
European School of Radiology

*Education in
partnership*

Annual Report 2007



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ESOR Steering Committee 2007

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The **European School of Radiology (ESOR)** is a visionary initiative and a new mission of the **European Society of Radiology (ESR)** in the field of education. One of its main goals is to assist in harmonising radiological education in Europe. With its wide range of activities, ESOR aims to raise standards in the field of scientific radiology, to extend teaching resources worldwide and to help young radiologists to achieve the knowledge and skills to fulfil tomorrow's requirements.



Welcome to the European School of Radiology

Dear Colleagues,

2007 was a very successful year for education in radiology. On top of the existing resources, the European School of Radiology, an initiative of the European Society of Radiology, has taken very important steps with its educational programmes to assist harmonising radiological education in Europe and to follow the worldwide trend of internationalisation of medical education resources, with Radiology as its main focus.

ESOR was established less than two years ago and is now one of the key providers of radiological education in Europe. Our mission to extend and coordinate teaching activities throughout Europe and in places outside Europe started in the second half of 2006 at ICR in Cape Town, with the organisation of a visiting professorship programme, the first GALEN foundation course in Budapest and a Management in Radiology course in Vienna. Since then, ESOR has expanded rapidly and is now delivering a wide range of high quality educational and training programmes.

Above all, ESOR stands for 'Education in Partnership'. We would like to take this opportunity to say how grateful we are to all our partners in this endeavour. We

would like to thank industry supporting education in Radiology, in particular Agfa, Bracco, GE Healthcare and Siemens for their commitment and continuing support. We are in debt to a great number of highly esteemed colleagues acting as local organisers for the visiting schools, as well as all the renowned lecturers and teachers of the courses for their invaluable efforts and inspiration and for making ESOR such a unique opportunity for the exchange and dissemination of radiological knowledge. We would also like to thank and congratulate trainees and board-certified radiologists for their enthusiastic and active participation, which gave substance to this project and confirmed the need to continue.

This Annual Report highlights the activities established for radiologists in training in 2007. I invite you to read through it and learn about the variety of our activities and the excellent response we received.



Professor Nicholas Gourtsoyiannis
ESOR Scientific/Educational Director

ESOR ACTIVITIES 2007

Visiting Schools in Europe

Visiting Schools are scheduled to rotate between representative venues throughout Europe, targeting trainees in small groups. In terms of content and aim these are structured into Foundation courses, focusing on the early years of training, and Advanced courses, directed at the later years of training and board-certified radiologists. Accreditation of the programmes and evaluation of performances of both trainers and trainees are integral features of this project.

GALEN Foundation Courses

Since the establishment of the GALEN Foundation Courses in November 2006, the course series on Abdominal/Genito-Urinary Radiology, Chest/Cardiovascular Radiology, Neuro/Musculoskeletal Radiology and Oncologic Imaging have been received with great enthusiasm. In 2007 four courses aimed at residents in their 1st, 2nd or 3rd year of training in radiology and primarily assigned to the geographic area of South Central Europe were held in co-operation with GE Healthcare Medical Diagnostics South Central Europe. The programme was structured in organ-oriented lectures, interactive repetition seminars (workshops) and a self-assessment test, and was offered by internationally renowned European experts. A pre-course session, supplementing the programme, with nationally acclaimed lecturers, was also incorporated. More than 240 young radiologists participated in the 2007 programme. This figure represents the need for educational support of radiologists in training and reflects the efficient work, dedication and commitment of both the lecturers and the local organisers, who not only were in charge of the organisation of the courses, but were additionally responsible for the pre-course educational sessions.

Indicative comments/feedback received from GALEN participants:

“The course was very instructive for me. Interesting seminars, excellent speeches, very good workshops.”

“Very good to have both lectures and workshops.”

“Everything was at a very high scientific level and personally the course will be highly recommended to my colleagues.”

“I am very grateful and I want to thank everyone. It was a great pleasure for me participating in the course. I have learned a lot and I think it will improve my work and my reports.”

“It has been a very useful course. It is very good for us to participate in courses like this. Congratulations!”

Course programmes

Abdominal/Genito-Urinary Radiology

Krakow/PL, May 11-13, 2007

Local Organiser:

M. Szczerbo-Trojanowska
Medical University of Lublin/PL

Topics and Faculty:

Diagnostic imaging of adrenal lesions

M. Stajgis, Poznan/PL

Urinary system anomalies in foetal MR

I. Herman-Sucharska, Krakow/PL

Abdominal aortic disease

T. Jargiello, Lublin/PL

Acute abdomen

B. Marincek, Zurich/CH

Focal liver lesions

G. Brancatelli, Palermo/IT

Cirrhosis and hepatocellular carcinoma

S. Efremidis, Ioannina/GR

Diseases of the biliary system

C. Matos, Brussels/BE

Acute and chronic pancreatitis

T. Helmberger, Lübeck/DE

Primary small bowel malignancies

N. Gourtsoyiannis, Iraklion/GR

Urinary tract: obstruction and infection

R. Pozzi Mucelli, Verona/IT

Problem-solving gynaecologic cancer imaging

R. Reznec, London/UK

Paediatric urology

M. Riccabona, Graz/AT

Number of participants: 64

Country statistics:

Belgium 1, Bulgaria 2, Croatia 2, Czech Republic 4, Greece 1, Hungary 3, Poland 38, Romania 6, Serbia 1, Slovakia 2, Slovenia 2, Ukraine 1, United Kingdom 1

Oncologic Imaging

Heraklion/GR – June 29-July 1, 2007

Local Organiser:

N. Gourtsoyiannis
University of Crete/GR

Topics and Faculty:

Imaging malignant focal liver lesion

S. Yarmenitis, Iraklion/GR

Imaging malignant bile duct tumours

Ch. Triantopoulou, Athens/GR

Regional chemotherapy in breast, pancreatic and pelvic tumours

D. Tsetis, Iraklion/GR

Principles of M-staging

A. Palkó, Szeged/HU

ENT malignancies

R. Hermans, Leuven/BE

Lung cancer

J. Vilar, Valencia/ES

Solid and cystic pancreatic tumours

G. Morana, Treviso/IT

Renal and adrenal masses

C. Catalano, Rome/IT

Tumours of the upper GI tract and small bowel

M. Bellomi, Milan/IT

Colorectal cancer

A. Freeman, Cambridge/UK

Soft-tissue tumours

J. Gielen, Edegem/BE

Breast cancer

K. Kinkel, Chêne-Bougeries/CH

Number of participants: 60

Country statistics:

Albania 1, Belgium 1, Bulgaria 2, Croatia 3, Czech Republic 3, Greece 32, Ireland 1, Montenegro 1, Poland 7, Portugal 1, Romania 1, Russia 2, Serbia 2, Slovakia 2, United Kingdom 2

Course programmes

Neuro/Musculoskeletal Radiology

Dubrovnik/HR – October 19-21, 2007

Local Organiser:

B. Brkljacic
University Hospital Zagreb/HR

Topics and Faculty:

Imaging of metabolic bone diseases

K. Potocki, Zagreb/HR

Endovascular neuroradiological interventions

M. Rados, Zagreb/HR

Internal carotid artery (ICA) stenosis grading

B. Brkljacic, Zagreb/HR

Stroke

M. Thurnher, Vienna/AT

CNS injuries

I. Björkman-Burtscher, Lund/SE

CNS inflammatory diseases

J. Rusalleda, Barcelona/ES

CNS malignancies

S. Karampekios, Iraklion/GR

Inflammatory and infectious diseases of the musculoskeletal system

V. Pullicino, Oswestry/GB

Non-neoplastic bone marrow disorders

A. Karantanas, Iraklion/GR

Imaging of articular cartilage: why, when and how?

K. Wörtler, Munich/DE

Arthrography: why, when and how?

J. Hodler, Zurich/CH

Imaging of sports injuries: what the clinician needs to know

M. Maas, Amsterdam/NL

Number of participants: 60

Country statistics:

Bosnia & Herzegovina 3, Bulgaria 1, Croatia 28, Czech Republic 2,
Poland 12, Romania 10, Serbia 3, United Kingdom 1

Chest/Cardiovascular Radiology

Prague/CZ - November 16-18, 2007

Local Organiser:

J. Sprindrich
Charles University Prague/CZ

Topics and Faculty:

Imaging of bronchiectasis and cystic fibrosis in childhood

J. Neuwirth, Prague/CZ

Coronary artery disease – non-invasive imaging

J. Ferda, Plzen/CZ

Portal venous system imaging

J. Zizka, Hradec Králové/CZ

Pulmonary infections

K. Malagari, Athens/GR

Interstitial lung diseases

T. Franquet, Barcelona/ES

Benign and malignant diseases of the pleura and chest wall

J. Verschakelen, Leuven/BE

Plain film and CT of the mediastinum and hilum: pitfalls vs disease

J. Cáceres, Barcelona/ES

Pulmonary vascular disease

B. Ghaye, Liège/BE

Chest imaging of the intensive care patient

R. Eibel, Schwerin/DE

Cardiac and pericardiac disease

K. Nikolaou, Munich/DE

Thoracic aorta: degenerative and traumatic lesions

M. Szczerbo-Trojanowska, Lublin/PL

Aorto-iliac and lower extremity occlusive disease

G. Roditi, Glasgow/GB

Number of participants: 63

Country statistics:

Bulgaria 2, Croatia 2, Czech Republic 23, Estonia 1, Germany 1,
Hungary 3, Norway 1, Poland 17, Romania 1, Russia 2, Slovakia 6,
Sweden 2, Ukraine 1, United Kingdom 1

Visiting Schools outside Europe

AIMS Advanced Imaging Multimodality Seminars

After the successful 'ECR meets China' session at ECR 2007, the AIMS programme (Advanced Imaging Multimodality Seminars) was initiated by ESOR and continues to further strengthen educational exchange and ties between the CSR and ESR.

In 2007 two cycles of seminars were organised in close cooperation with the Chinese Society of Radiology (CSR) and made possible by an unrestricted educational grant from Bracco. The programme comprised six courses, delivered in six different Chinese cities with topics and speakers carefully selected by both the CSR and ESR/ESOR.

The response to the 2007 programme was overwhelming. Over 700 Chinese radiologists from different regions participated in the courses in the March and August/September series and were fascinated by the content of the programme and impressed by its excellent organisation. Not only the participants benefit from the programme, as the European speakers also took the opportunity to meet and exchange experiences with a number of important scientists of Chinese Radiology. We are convinced that this programme opens up a long term challenge and opportunity for scientific collaboration in radiology between China and Europe.

Spring Seminars

March 23-27, 2007
Beijing, Qingdao, Nanjing

CSR representative:

Ji Qi, Tianjing/CN

Local chairmen:

C. Zhou, Beijing/CN
W. Xu, Qingdao/CN
G. Teng, Nanjing/CN

Topics and Faculty:

Clinical imaging strategies in stroke

P. Gao, Beijing/CN

CNS imaging development

C. Liu, Jinan/CN

CTA of carotid artery

G. Lu, Nanjing/CN

The strategy for CIN

J. Qi, Tianjing/CN

Abdominal MDCT

A. Laghi, Rome/IT

Cardiovascular CT: coronary arteries

K. Nikolaou, Munich/DE

Contrast media in MDCT

R. Pozzi Mucelli, Verona/IT

Summer Seminars

August 29 – September 2, 2007
Shanghai, Kunming, Guangzhou

CSR representative:

Ji Qi, Tianjing/CN

ESR/ESOR representative:

N. Gourtsoyiannis, Iraklion/GR

Local chairmen:

X. Feng, Shanghai/CN
W. Zhao, Kunming/CN
B. Liang, Guangzhou/CN

Topics and Faculty:

Cardiovascular CT: clinical application

H. Alkadhi, Zurich/CH

Lung cancer: strategy of screening

S. Iiu, Shanghai/CN

Advanced protocols of Abdominal MDCT

M. Prokop, Utrecht/NL

CTA of Coronary Artery: the clinical application and evaluation

M. Zeng, Shanghai/CN

The use of contrast media for CT and MRI in patients with renal impairment

S. K. Morcos, Sheffield/UK

Coronary MDCT: the skill of image reformation

C. Liang, Kunming/CN

The value of HMRS in diagnosis of bony tumour

Q. Meng, Kunming/CN

Visiting Scholarship Programme

In 2007 twelve radiologists in training participated in the newly established ESOR Visiting Scholarship programme, realised in partnership with volunteer reference training centres and in co-operation with Bracco. The programme was aimed at residents in their 3rd, 4th or 5th year of training and consisted of three months of structured and comprehensive modular training on a chosen topic, focused reviews on advanced techniques and imaging protocols of a specified modality. Scholars were given the chance to follow and participate in the core knowledge training programme of reference centres, through tutorials and lectures, followed by hands-on teaching of routine clinical cases and/or modality techniques and protocols. Scholars were given the opportunity to choose from a list of reference centres in Europe and to benefit from a tailored programme led by an assigned tutor. Each scholar received an ESR grant to cover travel and accommodation and subsistence costs. The training was offered for free by the training centres.

The topics for 2007 were:

Abdominal Radiology

Breast Imaging

MR Imaging

Multi-detector CT

Paediatric Radiology

ESOR is delighted to present the 2007 scholars and their comments on their experiences:



Carmen Cananau

University Hospital of Bucharest
Bucharest, ROMANIA

Topic: **Abdominal Radiology**

Training Centre: **Hopital Erasme, Brussels/BE**

'I am very proud to have been part of the first group of ESOR Visiting Scholarship grantees. I was privileged to work in the prestigious Erasme Hospital in Brussels with a great team of radiologists led by Professor Fred Avni. Accurate diagnosing requires a vast amount of knowledge and unique skills. The investigation technologies have improved and diversified. Subspecialising is therefore an important part of radiological training. My grant for studying abdominal radiology was an amazing opportunity to become familiar with the newest examination protocols, to work with state-of-the-art technologies and to develop professional attitudes. I am grateful to ESR, Bracco, Professor Avni and the Erasme Hospital staff for their support.'



Taner Celik

Dokuz Eylul University Hospital
Izmir, TURKEY

Topic: **Paediatric Radiology**

Training Centre: **Royal Hospital for Sick Children, Glasgow/UK**

'The ESOR scholarship programme has positively influenced my academic experience, especially in the area of paediatric imaging. The scholarship programme was very fulfilling for me. During these three months I attended to the reports of paediatric, conventional x-ray films, fluoroscopy, CT/MRI, nuclear medicine and ultrasound and I had the chance to discuss all the cases with consultant paediatric radiologists. Another advantage for me was the opportunity to learn more about nuclear medicine imaging because before this training programme I didn't report nuclear medicine images. I hope ESR will maintain and develop this programme because I think that it's very helpful for my young colleagues.'

**Fotis Constantinidis**

Sismanoglo General Hospital
Athens, GREECE

Topic: **Breast Imaging**

Training Centre: **Medical University, Vienna/AT**

'When ESOR announced my acceptance as a scholar in the Breast Imaging Department of the Conventional and Paediatric Radiology Department of the Medical University (AKH) in Vienna, directed by Prof. Herold, I could have never imagined what that entailed. I soon came to realise that the opportunity for a young radiology trainee to work alongside such distinguished authorities in the field as Professor Gertraud Heinz-Peer, come very seldom. The more than 20 mammography, ultrasound and MRI examinations of difficult cases, the 10 stereo tactically-, ultrasound- or MRI-guided core needle biopsies and the state-of-the-art patient management performed every day, are just a few examples of what a dedicated and well organised department has to offer to radiologists in training and patients alike. The invaluable professional experience and knowledge obtained couldn't be more appropriately accompanied by the intellectually stimulating Viennese surroundings, making this 3-month period an unforgettable and unique life experience.'

**Maria Magdalena Duma**

ER County Hospital
Cluj Napoca, ROMANIA

Topic: **Breast Imaging**

Training Centre: **Addenbrooke's Hospital, Cambridge/UK**

'I remember my first days in this renowned academic centre – Addenbrooke's Hospital. I felt lost and intimidated walking on Addenbrooke's long corridors, thinking with awe that it was the place where so many medicine-related Nobel Prizes have been won. Then as time passed by, my initial uneasiness melted away. I was happy to be among amazing people, either in the Breast Unit following the intricacies of breast pathology alongside an incredible team, or in the main Radiology Department further observing and learning from a variety of cases. I also remember my last days there, walking on the same long corridors, thinking with gratitude and pride how fortunate I was to have been taught and trained for a little while in Cambridge's prestigious medical centre. And for this opportunity I thank and salute ESOR and its educational programmes and I hope they will keep going, so other young radiologists may benefit from such experiences.'

**Enrique F. Garcés Inigo**

Complejo Hospitalario Universitario de Albacete
Albacete, SPAIN

Topic: **Paediatric Radiology**

Training Centre: **Great Ormond Street Hospital for Children, London/UK**

'Great Ormond Street Hospital for Children is a quaternary referral centre and is considered to be one of the best paediatric hospitals in Europe. In association with UCL Institute of Child Health, it is the largest centre for paediatric research outside the US. Consequently this attachment has given me the opportunity to work with some of the best known paediatric radiologists; hence I have seen improvement of my diagnostic paediatric radiology skills. I have been involved in all the techniques and in addition participate in some of the ongoing research projects of the department. This rotation has been a great learning experience for me in order to obtain a greater understanding of this subspecialty.'

**Lennart Jans**

Ghent University Hospital
Gent, BELGIUM

Topic: **Paediatric Radiology**

Training Centre: **Royal Liverpool Children NHS Trust**

'At the highly specialised Royal Liverpool Children's Hospital Alder Hey in the UK, I was able to gain experience in paediatric plain film interpretation, ultrasound, CT, and MRI. The personal attention and supervision for registrars, the teaching and the multidisciplinary meetings made this an experience beyond my expectations. The department supported and encouraged me in scientific work, which resulted in the submitting of an abstract for poster presentation at ESPR 2008, a case report for EuroRad and an article for the Belgian radiology journal JBR- BTR. Making reports and contact with patients elevated my English to a professional level. I would like to thank clinical director Dr. Laurence Abernethy, the consultants and the radiographers of the radiology department for their patience, excellent teaching and for giving me this great opportunity.'

**Raquel Larrosa**

H. U. Miguel Servet
Zaragoza, SPAIN

Topic: **Multi-Detector CT**

Training Centre: **Saint-Eloi Hospital, Montpellier/FR**

'I believe that this visiting scholarship has been very beneficial for me since it allowed me to broaden my knowledge on multi-detector CT applications, exploration protocols and image post-processing tools. Saint-Eloi Hospital of Montpellier is an excellent hospital, specially dedicated to abdominal and gastrointestinal pathology, and I have focused my staging in this field. I was able to know the main abdominal imaging techniques and to acquire basic skills to interpret different examinations. Also, during my stay in the University Hospital Center of Montpellier, I was able to have the opportunity to undertake some complementary training in musculoskeletal MDCT. My experience has been a positive one and I encourage residents to apply for ESOR scholarships in the coming next years.'


Sánta Márton Lóránt

Szent István Kórház
Budapest, HUNGARY

Topic: **Multi-Detector CT**

Training Centre: **Addenbrooke's Hospital,
Cambridge/UK**

'As one of the first fellows of ESOR I had an excellent opportunity for a three month period of practice at the Addenbrooke's University Hospital of Cambridge, UK. Under the supervision of Professor Adrian K. Dixon, as well as other internationally esteemed professionals, like Dr. Alan H. Freeman, Dr. Nagui Antoun, or Dr. Ashley Shaw, I obtained strong fundamentals in the advanced techniques and imaging protocols related to multidetector CT. With the well organised education system of the department and the several multidisciplinary meetings held daily I obtained new experiences from the general modern day radiology and clinical sciences as well, with the opportunity of getting a general view of the British medical education and healthcare system.'


Lorenzo Mannelli

Azienda Ospedaliero Universitaria Carreggi
Bampi Bisenzio, ITALY

Topic: **Abdominal Radiology**

Training Centre: **Addenbrooke's Hospital,
Cambridge/UK**

'The ESOR Visiting Scholarship at Addenbrooke's Hospital in Cambridge gave me the chance to learn the approach to images and to observe the department organisation at one of the most respected European Schools of radiology. To work with outstanding radiologists like Professor Dixon, Professor Lomas and Dr. Sala has been an amazing experience, and they made these three months extremely informative on the clinical and research aspects. I was impressed by the number and quality of lectures and by the perfect harmony between mentors and residents, which reminded me: 'It needs to be equal purpose of the teacher and of the scholar: that the first wishes to teach and the second wishes to learn' (Seneca, Epistulae, 108, 3).'


Raúl Pellon

Hospital Universitario Marques de Valdecilla
Santander, SPAIN

Topic: **MR Imaging**

Training Centre: **Leiden University Medical
Center/NL**

'As a Spanish resident in the fourth year of training I received three months of training at the University Hospital of Leiden. Although the scholarship I got from ESOR was designated to work with MR imaging, I decided to spend most of the time working with cardiac MR and cardiac CT. I preferred these issues because they are very much developed in this hospital and some very good expert doctors are involved in them. It has been a very positive experience, which allowed me to improve my cardiac image knowledge and it has also given me the opportunity to watch how this radiology field is carried out in a different country.'


Barbara Paraniak

Central Hospital of Silesian Medical Academy
Katowice, POLAND

Topic: **MR Imaging**

Training Centre: **University Medical Center
Groningen/NL**

'Thanks to ESOR for giving me the opportunity for a scholarship at the University Medical Center, Groningen. My three months MRI training schedule encouraged active learning through tutorials and hands-on teaching of routine clinical cases and MRI techniques and protocols, provided feedback and built collaboration with clinicians. It appeared that my scholarship not only benefits my professional skills as I initially intended, but it has also resulted in interesting opportunities to meet experienced and young radiologists. I wish to acknowledge Professor Oudkerk and each person who took time from their busy schedules to share their ideas and experience with me and who so generously hosted my visit. I would like to recommend this teaching approach to my colleagues.'


Maja Prutki

Clinical Hospital Center Zagreb
Zagreb, CROATIA

Topic: **Breast Imaging**

Training Center: **Policlinico Umberto I, Rome IT**

'The opportunity to attend the ESOR Visiting scholarship on breast imaging gave me new knowledge and a better understanding for future practical work. During the training programme I analysed and discussed mammography images and breast ultrasound every day. I was involved in the writing of reports and I participated in numerous clinical cases. I gained great experience in breast MRI concerning indications, procedures and theoretical knowledge. I discussed different radiological methods, differential diagnoses, and interventional procedures used in breast imaging. The skills I gained during my training fulfilled my expectations completely.'

Cardiac Imaging Fellowship Programme

The need to sufficiently qualify further residents and board-certified radiologists, to render confident diagnosis in cardiac imaging using multi-detector CT and MRI studies, led the European Society of Radiology (ESR) and the European Society of Cardiac Radiology (ESCR) to take the initiative in establishing and offering a cardiac fellowship programme for radiologists at an early stage of their evolution.

Six European radiologists benefited from the 2007 cardiac imaging fellowship programme and were provided with two months of intense modular training in cardiac imaging. At the conclusion of the programme, a survey among the fellows resulted in very positive feedback, encouraging ESR and ESCR to continue this successful project.

ESOR is delighted to present the 2007 fellows and their comments on their experiences:



Carla Bruchhausen

Radiologisches Institut Hohenzollernstraße
Koblenz, Oberdiebach, GERMANY

Training Centre:

Ludwig Maximilians University, Munich/DE

'The fellowship broadened my horizons and improved my skills as a radiologist. My time was spent alternately in the MRI department and the CT department. During these two months I took an active part in the production of the daily cardiac exams and I evaluated practically all these exams by myself before discussing them with the teaching radiologists. Although still far from being an expert, I now feel much more confident concerning the technical side of a good exam and also the ranking of the diagnosis.'



Maja Hrabak

Clinical Institute of Diagnostic and Interventional Radiology
Zagreb, CROATIA

Training Centre: **Medical University Vienna/AT**

'I spent two beautiful months at the Medical University (AKH) in Vienna where Professor Christian Loewe perfectly organised my visit. What I found most useful during my stay at the AKH Vienna was the possibility to see cases and reports in PACS and to compare them with the findings I saw. Two times a week there were nice meetings with cardiologists where clinical and radiological aspects were discussed. Every morning I was able to attend either residents' education meeting or meetings of the department of interventional radiology, both of them very interesting and very useful. Most of the time, I spent watching cardiac CT and MR exams.'



Viktoriya Navessova

Dau-Med Clinic
Shymkent, KAZAHSTAN

Training Centre: **University La Sapienza, Rome/IT**

'Professor Roberto Passariello and his staff, especially Iacopo Carbone, created all necessary conditions for the most fruitful study of cardiovascular images. The study during these two months helped me to understand radiology properly. I acquired valuable knowledge and experience. This project should become regular. It is necessary for radiology improvement in all countries, and especially countries like ours, where this science is only beginning to develop. I express my great gratitude to the project organisers, to the radiology department of La Sapienza University, namely R. Passariello, Iacopo Carbone, Emanuela Algeri for acquired knowledge and experience.'



Pawel Nowaczynski

Zakład Radiologii Szpital Wogewodzki
Zamosc, POLAND

Training Centre:

The John Paul II Hospital, Krakow/PL

'It was a great honour to participate in the ESR/ESCR Cardiac Imaging Fellowship. Training in The John Paul II Hospital in Krakow was very fruitful and I will start working with cardiac imaging in my radiology department of The John Paul II District Hospital in Zamosc immediately. During my stay in The John Paul II Hospital in Krakow, under the supervision of Professor M. Pasowicz and Dr. P. Klimeczek, I performed and interpreted at least 250 CT cardiac studies and more than 20 general CMRI cardiac studies. I also participated in performing and interpreting of CMRI adenosine first pass test perfusion (coronary arteries reserve) as well as viability of cardiac myocardium and function of LV and RV.'



Catherine Phan

Hopital de Bicetre
Service de Radiologie
Le Kremlin-Bicetre, FRANCE
Training Centre: **University Hospital Zurich/CH**

'It was an honour and a privilege for me to participate in this fellowship, and I am grateful for the opportunity to do so. I interpreted over 160 clinical cardiac CT examinations and postoperative cardiac CT examinations. In addition, I pursued a course of self-study using University Hospital Zurich's comprehensive collection of cardiac teaching cases, over 30 of which I completed during my fellowship, and I collaborated on a research project. As part of this project, I reviewed more than 60 additional cardiac CT angiography examinations. The training and experience that I received during the fellowship have been invaluable elements of my professional development.'



Agnes Sellei

Euromedic Szeged Diagnostics.
Szeged, HUNGARY
Training Centre: **Academic Hospital Groningen/NL**

'In my opinion, the fellowship provided a great input to start cardiac imaging with both CT and MR. Previously I only did cardiac CT before, but here I gained enough knowledge to start cardiac MR as well. It was important to work with technicians and get more practical knowledge. I think it should be the most important point to get enough practical information and also to learn how to evaluate and report the examinations. My centre also had a strong research team so it was a nice experience to observe their work, follow the ongoing research projects, and to see how cardiac radiology is moving forward. It was a great and useful experience!'

Tutorials

The aims of the ESOR tutorials are to further the experience of young radiologists, residents in their 4th or 5th year of training and board-certified radiologists in the daily radiological routine, through exchange, and to offer broad theoretical knowledge on diagnostic and technical aspects, healthcare systems, hospital organisation and quality assurance.

In 2007 the long existing EAR/ESR Graz Tutorials, supported by an Agfa and Siemens grant, were successfully concluded, organised by the University Clinic of Radiology of the Medical University of Graz. There were two series; the first taking place from July 1-14, and the second from September 2-15. Altogether 30 residents and board-certified radiologists from Central and South-Eastern European countries attended the tutorials. Their comments and appreciation were overwhelming.

Prospects for 2008

ESOR programmes will continue and expand during 2008. Additional features will include a paediatric foundation course, four advanced GALEN Courses and the integration of the ESMRMB School of MRI into the activities of ESOR.

GALEN Foundation Courses

Abdominal/Genito-Urinary Radiology

May 16-18, Alexandroupolis/GR
Local Organiser: P. Prasopoulos

Neuro/Musculoskeletal Radiology

June 27-29, Lublin/PL
Local Organiser: M. Szczerbo-Trojanowska

Paediatric Radiology

September 5-7, Prague/CZ
Local Organiser: J. Sprindrich

Oncologic Imaging

October 17-19, Bucharest/RO
Local Organiser: V. Ene

Chest/Cardiovascular Radiology

October 31- November 2, Budapest/HU
Local Organiser: A. Palkó

GALEN Advanced Courses

Cardiac Cross-Sectional Imaging

June 20 – 21, Rome/IT
Local Organiser: C. Catalano

Women's Cross-Sectional Imaging

July 4 – 5, Berlin/DE
Local Organiser: B. Hamm

Abdominal Cross-Sectional Imaging

October 10 – 11, Stockholm/SE
Local Organiser: P. Aspelin

Musculoskeletal Cross-Sectional Imaging

November 7 – 8, Amsterdam/NL
Local Organiser: M. Maas

ESMRMB School of MRI

Applied MR Techniques, Basic Course

May 22–24, Basel/CH

Advanced Neuro Imaging: Diffusion, Perfusion, Spectroscopy

May 29–31, Bern/CH

Advanced MR Imaging of the Musculoskeletal System

July 03–05, Moscow/RU

Advanced Breast & Pelvis MR Imaging

September 04–06, Brussels/BE

Clinical fMRI – Theory and Practice

September 11–13, Heidelberg/DE

Advanced MR Imaging of the Abdomen

September 18–20, Verona/IT

Advanced Cardiac MR Imaging

September 25–27, Rome/IT

Advanced MR Imaging of the Musculoskeletal System

September 25–27, Vienna/AT

Applied MR Techniques, Advanced Course

October 16–18, Leuven/BE

Advanced Head & Neck MR Imaging

October 16–18, Prague/CZ

Advanced MR Imaging in Paediatric Radiology – NEW!

November 06–08, Brussels/BE

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