

Annual Report 2009

Education in partnership



GE Healthcare



SIEMENS



Thank you

Welcome



Dear Colleagues,

Although 2009 has been a challenging year given the economic environment, it was also a period of great success. It has been marked by an outstanding commitment of ESOR partners in Europe and from around the world, and a continuous support from ESR. Thus more educational opportunities for young radiologists could be offered during 2009.

With additional new partners on board, ESOR activities included courses, seminars, scholarships, exchange programmes for fellowships and tutorials. It is estimated that more than 2700 young radiologists participated in the various programmes. Such figures once again emphasise the need for educational support of radiologists in training and reflect the importance of education in partnership. It also stresses the efficient work, dedication and uninterrupted commitment of local organisers, lecturers, teachers, tutors, reference training centres and subspecialty societies.

The following pages offer an overview of the activities of the past year and give an insight into diverse educational programmes established for residents and young radiologists, also describing some of their experiences.

For the present year 2010 new opportunities for education will be added to ESOR programmes. We will be able to give more young radiologists the possibility to receive continuing education, helping them to face the challenges of the future.



Professor Nicholas Gourtsoyiannis
ESOR Scientific/Educational Director

ESOR Steering Committee

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GALEN Courses



GALEN (129–200 AD)

Greek: Γαληνός

Latin: Claudius Galenus of Pergamum

Arabic: Jalinus

Better known in English as Galen, he was an ancient Greek physician. Galen transmitted Hippocratic medicine all the way to the Renaissance. His views dominated European medicine for over a thousand years. Galen's work may be seen as building on the Hippocratic theories of the body.

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The GALEN courses are scheduled to rotate among representative venues throughout Europe. In terms of content and aim they are structured into foundation courses, focusing on the early years of training and advanced courses, directed at the later years of training and young radiologists. Each programme is structured along the lines of lecture series and interactive case discussions (workshops), assigned to internationally renowned European faculties. Each course is held in English and accompanied by a self-assessment test. CME accreditation of the programmes and evaluation of performance of both trainers and trainees are integral features of this project. In 2009 five foundation and four advanced courses have been organised, covering topics across the modalities reaching a total number of 510 participants from more than 35 countries.

GALEN Foundation Courses

In 2009 five 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. Topics included Abdominal/Genito-Urinary Radiology, Chest/Cardiovascular Radiology, Neuro/Musculoskeletal Radiology, Oncologic Imaging and Paediatric Radiology. The programme was divided into organ-oriented lectures, interactive case discussions (workshops) and a self-assessment test. A short pre-course session with nationally acclaimed lecturers supplemented the programme. The courses were attended by almost 300 participants from 29 countries, mainly from southern, central and eastern Europe.

GALEN Advanced Courses

The advanced courses complemented the foundation courses and offered a similar course structure to residents in their 4th or 5th year of training, as well as radiologists who had recently finished their training and who desired a comprehensive review of diagnostic radiology. Four courses were organised in partnership with GE Healthcare, focused on recent advances in cross-sectional imaging, including Cardiac, Women's, Abdominal and Musculoskeletal Radiology. The programme was structured similarly to the foundation courses and included comprehensive lectures, interactive case discussions (workshops) and a self-assessment test. The courses were attended by 210 participants from 31 countries.

GALEN Foundation Courses

Abdominal/ Urogenital Radiology

Sofia/BG; May 14–16, 2009

Local Organiser:

Vassil Hadjidekov, Sofia/BG

Topics and Faculty:

Solid renal masses

V. Hadjidekov, Sofia/BG

CT Colonography

V. Stoineva, Sofia/BG

Abdominal vessel diseases

G. Kirova, Sofia/BG

Acute abdomen

B. Marincek, Zurich/CH

Focal liver lesions

G. Brancatelli, Palermo/IT

Cirrhosis and hepatocellular carcinoma

C. Bartolozzi, Pisa/IT

Diseases of the biliary system

C. Matos, Brussels/BE

Acute and chronic pancreatitis

T. Helmberger, Munich/DE

Urinary tract: obstruction and infection

R. Pozzi-Mucelli, Verona/IT

Imaging of gynaecological malignancies

E. Sala, Cambridge/UK

Mesentery and peritoneum

P. Prassopoulos, Alexandroupolis/GR

Abdominal imaging in neonates, infants and children

M. Riccabona, Graz/AT

Number of participants: 60

Country statistics:

Belgium 1, Bulgaria 20, Czech Republic 3, Greece 12, Macedonia 1, Poland 3, Portugal 1, Romania 12, Slovakia 1, Slovenia 4, Sweden 2

Oncologic Imaging

Sarajevo/BA; June 18–20, 2009

Local Organiser:

Lidija Lincender, Sarajevo/BA

Topics and Faculty:

Biliary malignancies

L. Lincender, Sarajevo/BA

Mediastinal malignancies

S. Beslic, Sarajevo/BA

Principles of M-staging

A. Palkó, Szeged/HU

Head and neck cancer

R. Hermans, Leuven/BE

Colorectal cancer

A. Freeman, Cambridge/UK

Solid pancreatic tumours

G. Morana, Treviso/IT

Cystic pancreatic tumours

C. Triantopoulou, Athens/GR

Renal and adrenal masses

M. Cova, Trieste/IT

Primary small bowel malignancies

N. Gourtsoyannis, Heraklion/GR

Lung cancer

J. Vilar, Valencia/ES

Problem-solving gynaecologic cancer imaging

R. Reznik, London/UK

Breast cancer

F. Pediconi, Rome/IT

Number of participants: 50

Country statistics:

Bosnia and Herzegovina 30, Croatia 4, Czech Republic 2, Germany 1, Greece 1, Ireland 2, Poland 6, Romania 2, Serbia 1, Slovenia 1

GALEN Foundation Courses

Neuro/Musculoskeletal Radiology

Ankara/TR; June 25–27, 2009

Local Organiser:

Turgut Tali, Ankara/TR

Topics and Faculty:

Imaging of the small joints

N. Bulakbasi, Ankara/TR

Imaging of the spine

T. Tali, Ankara/TR

Basics of neurointerventional procedures

I. Saatci, Ankara/TR

Cross-sectional anatomy of the brain revisited

P. Parizel, Antwerp/BE

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 diseases of the musculoskeletal system

A. Cotten, Paris/FR

Imaging of the shoulder

J. Hodler, Zurich/CH

Imaging of the knee

I.W. McCall, Oswestry/UK

Imaging of sports injuries

M. Maas, Amsterdam/NL

Number of participants: 45

Country statistics:

Belgium 1, Bulgaria 1, Denmark 1, Malta 2,
Pakistan 1, Romania 3, Turkey 35, United Kingdom 1

Chest/Cardiovascular Radiology

Belgrade/RS; October 15–17, 2009

Local Organiser:

Ruzica Maksimovic, Belgrade/RS

Topics and Faculty:

Selective coronary angiography as a cornerstone in diagnosis and treatment of coronary artery disease

P.M. Seferovic, Belgrade/RS

Magnetic resonance imaging in revealing pathophysiology of heart failure

R. Maksimovic, Belgrade/RS

Lung infections in immunocompromised patients receiving anticancer therapy

Z. Milosevic, Belgrade/RS

Pulmonary infections

I. Vlahos, London/UK

Interstitial lung diseases

M. Maffessanti, Trieste/IT

Benign and malignant diseases of the pleura and chest wall

P. Vock, Bern/CH

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

J. Cáceres, Barcelona/ES

Pulmonary vascular disease

A. Devaraj, Cambridge/UK

Thoracic aorta: degenerative and traumatic lesions

M. Szczerbo-Trojanowska, Lublin/PL

Aorto-iliac and lower extremity occlusive disease

T. Leiner, Maastricht/NL

Chest imaging of the intensive care patient

M. Maffessanti, Trieste/IT

Number of participants: 74

Country statistics:

Bosnia and Herzegovina 7, Bulgaria 1, Czech Republic 1,
Greece 7, Hungary 2, Macedonia 4, Montenegro 1,
Poland 8, Portugal 1, Romania 9, Serbia 27,
Slovakia 1, Slovenia 1, Spain 3, Sweden 1

GALEN Foundation Courses

Paediatric Radiology

Athens/GR; November 12–14, 2009

Local Organiser:

Maria I. Argyropoulou, Ioannina/GR

Topics and Faculty:

Imaging musculoskeletal infection in children

M. Raissaki, Iraklion/GR

Imaging respiratory distress syndrome of the newborn

Ch. Hadjigeorgi, Athens/GR

Diagnostic approach: urinary tract malformations

M. Zarifi, Athens/GR

Tips and tricks on performing good quality head US

C. Veyrac, Montpellier/FR

How to do abdominal Ultrasound and what to look for

F. Avni, Brussels/BE

US of the hip and soft tissues

G. Sebag, Paris/FR

The role of contrast media in conventional paediatric radiology

V. Donoghue, Dublin/IE

Interpreting chest X-ray in children from easy to complicated

R. Van Rijn, Amsterdam/NL

Basics of neuro MRI in children

A. Rossi, Genoa/IT

How to read paediatric head CT

M. Argyropoulou, Ioannina/GR

How I do chest CT in children

C. Owens, London/UK

How I do abdominal CT in trauma and acute conditions

D. Pariente, Le Kremlin Bicêtre/FR

Number of participants: 63

Country statistics:

Bulgaria 1, Czech Republic 3, Greece 39, Latvia 1,
Macedonia 2, Poland 3, Portugal 1, Romania 6,
Serbia 1, Spain 2, Sweden 1, Switzerland 1,
United Kingdom 2

GALEN Advanced Courses

Musculoskeletal Cross-Sectional Imaging

Krakow/PL; September 4–5, 2009

Local Organiser:

Andrzej Urbanik, Krakow/PL

Topics and Faculty:

**Degenerative disease of knee and hip:
evaluation with MRI**

E. Kavanagh, Dublin/IE

How to image bone tumours

V. Zampa, Pisa/IT

**Imaging of soft tissue lesions:
how should I start and when should I stop?**

F.M. Vanhoenacker, Antwerp/BE

Applications of MSK Ultrasonography

M. Court-Payen, Copenhagen/DK

**MR arthrography of the shoulder:
radiological-pathological correlation**

N. Saupe, Zurich/CH

Imaging of bone marrow

M. Ahmad, London/UK

Overuse injuries in sports: what we need to know

M. Padrón, Madrid/ES

Hip impingement syndromes: normal vs. abnormal

A. Kassarijian, Madrid/ES

Image-guided MSK pain relief

M. Calleja, London/UK

Number of participants: 49

Country statistics:

Czech Republic 1, Greece 1, Norway 1, Poland 44,
Slovenia 1, Spain 1

Abdominal Cross-Sectional Imaging

Latina/IT; September 11–12, 2009

Local Organiser:

Andrea Laghi, Latina/IT

Topics and Faculty:

How 64 MDCT works

M. Prokop, Utrecht/NL

MRI: technical innovations

N. Papanikolaou, Iraklion/GR

**MDCT of non-traumatic acute abdomen
in adult patients**

J.-M. Bruel, Montpellier/FR

The liver: MRI or MDCT?

L. Marti-Bonmati, Valencia/ES

The pancreas: MDCT or MRI?

C.D. Becker, Geneva/CH

Vascular diseases: evaluation with MDCT

A.J. Aschoff, Kempten/DE

Small bowel: evaluation with MRI

N. Gourtsoyiannis, Iraklion/GR

Large bowel: virtual endoscopy

A. Laghi, Latina /IT

Anorectal diseases: evaluation with MRI

J. Stoker, Amsterdam/NL

Number of participants: 66

Country statistics:

Australia 1, Austria 1, Estonia 2, Finland 1, France 1,
Greece 2, Italy 46, Latvia 1, Poland 5, Romania 1,
Slovenia 2, Spain 3

GALEN Advanced Courses

Women's Cross-Sectional Imaging

London/UK; October 23-24, 2009

Local Organiser:

Rodney Reznek, London/UK

Topics and Faculty:

Integrate anatomy (US, CT, MRI, PET/CT)

E. Sala, Cambridge/UK

Cancer of the cervix: primary staging and detection of cancer recurrence

A. Rockall, London/UK

Cancer of the uterus

M.H. Fuchsjäger, Vienna/AT

Cancer of the ovary: relevance of MR imaging to patient management

R. Reznek, London/UK

Clinical aspects and treatment options in uterine fibroids

A. Sahdev, London/UK

Radiologic-pathologic correlations of benign masses and invasive breast carcinomas

T. Tot, Falun/SE

Characterising breast lesions at mammography

G. Forrai, Budapest/HU

Advanced breast imaging: CAD, angio-mammography

C. Dromain, Villejuif/FR

Advanced breast imaging: MRI techniques for optimal diagnostic accuracy

T. Helbich, Vienna/AT

Number of participants: 56

Country statistics:

Austria 1, Belgium 2, China 1, Finland 1, France 2, Germany 2, Greece 1, Italy 2, Netherlands 6, Poland 1, Portugal 3, Romania 4, Saudi Arabia 1, Scotland 1, Serbia 1, Sweden 1, Turkey 1, United Kingdom 25

Cardiac Cross-Sectional Imaging

Rotterdam/NL; November 6-7, 2009

Local Organiser:

Gabriel Krestin, Rotterdam/NL

Topics and Faculty:

CT and MRI anatomy of the heart and great vessels

F. Cademartini, Parma/IT

Congenital heart disease in children and adults (MRI, CT)

N. Kelekis, Athens/GR

Valvular heart disease (MRI, CT, Echo)

G. Feuchtner, Innsbruck/AT

Myocardium perfusion and viability (MRI, CT)

L. Natale, Rome /IT

Potential value of CT in the evaluation of acute chest pain

M. Oudkerk, Groningen/NL

Coronary artery disease (CT)

H. Scheffel, Zurich/CH

Evaluation of coronary stents and bypasses with CT angiography

M. Francone, Rome/IT

Diseases of the pulmonary arteries and thoracic aorta (CT, MRI)

H.-U. Kauczor, Heidelberg/DE

Coronary calcium: imaging considerations and clinical implications (CT)

N. Mollet, Rotterdam/NL

Number of participants: 42

Country statistics:

Belgium 1, Czech Republic 1, Germany 2, Iran 2, Israel 1, Italy 4, Latvia 2, Netherlands 16, Poland 3, Romania 1, Russia 2, Serbia 1, Spain 2, Switzerland 1, United Kingdom 3

ASKLEPIOS Courses

One of the newly established activities started in 2009 was the **ASKLEPIOS** project, offering multi-thematic and multimodality advanced courses, aimed in particular at general radiologists and private practitioners. The ASKLEPIOS courses were tailored to address recognised needs and to serve professional development by continuing radiological education. One course was held in partnership with Euromedic attended by 55 radiologists from all over Europe. Another course was organised in partnership with Covidien for participants from Russia and CIS countries, with more than 68 persons attending.

Multimodality and Multidisciplinary Course for General Radiologists and Private Practitioners

Budapest/HU; October 16–17, 2009

Local Organiser:

András Palkó, Szeged/HU

Topics and Faculty:

Advanced MRI of the brain: protocol optimisation

M. Essig, Heidelberg/DE

Cardiac MDCT Imaging: how and when?

S. Leschka, Zurich/CH

Cardiac MR Imaging: how and when?

A. de Roos, Leiden/NL

MR Imaging of the breast: how and when?

T. Helbich, Vienna/AT

Abdominal MDCT: protocol optimisation

F. Caseiro-Alves, Coimbra/PT

Abdominal MRI: state-of-the-art protocols

L. Marti-Bonmati, Valencia/ES

Vascular Imaging: MDCT versus MRI

F.M. Meaney, Dublin/IE

CT Colonography: how I do it, how I interpret it?

A. Laghi, Latina/IT

PET-CT: clinical value and current developments

M. O'Connell, Dublin/IE

Number of participants: 55

Country statistics:

Bulgaria 2, Croatia 2, Czech Republic 2, Greece 8, Hungary 18, Ireland 3, Italy 2, Macedonia 1, Poland 2, Portugal 3, Romania 11, Switzerland 1, Poland 53, Romania 2, Sweden 2

Multi-thematic Course for Radiologists from Russia and CIS Countries

Sochi/RU; November 1–2, 2009

Local Organiser:

Valentin Sinitsyn, Moscow/RU

Topics and Faculty:

Cardiac Imaging: valvular heart disease

V. Sinitsyn, Moscow/RU

Cardiac Imaging: MRI of myocardium and pericardium

R. Maksimovic, Belgrade/RS

Cardiac Imaging: MDCT assessment of coronary artery disease

C. Loewe, Vienna/AT

Imaging lung cancer: detection and characterisation

T. Franquet, Barcelona/ES

The incidental liver lesion: detection and characterisation

A. Palkó, Budapest/HU

Imaging of pancreatic tumours: detection and characterisation

G. Karmazanovsky, Moscow/RU

Renal tumours: detection and characterisation

S.D. Yarmenitis, Heraklion/GR

Female pelvis malignancies: detection and characterisation

D. Weishaupt, Zurich/CH

The role of CT Colonography in the detection of colon cancer

P. Lefere, Roeselare/BE

Number of participants: 69

Country statistics:

Belarus 4, Latvia 2, Russia 60, Ukraine 3

School of MRI

Creating educational ties and partnerships with other societies in the wider domain of imaging is a key feature of the ESOR philosophy. Since 2009 such a partnership has been successfully built up with the School of MRI of the European Society for Magnetic Resonance in Medicine and Biology (ESMRMB), avoiding unnecessary competition and providing better educational opportunities within the radiological community. The cooperation has been highly appreciated by both ESOR and the ESMRMB School of MRI. Therefore it is being continued.

In 2009 12 School of MRI courses took place with a total of 614 participants from over 46 different countries. 6 out of these 12 courses were fully booked. 44 grants for residents from less developed countries were provided by Bayer Schering Pharma AG, the exclusive sponsor of the School of MRI course programme.

Course	Venue	Date	No of participants
Advanced MR Imaging of the Abdomen	Dubai/UAE	March 26-28	61
Advanced Cardiac MR Imaging	Leuven/BE	May 14-16	48
Advanced Neuro Imaging: Diffusion, Perfusion, Spectroscopy	Budapest/HU	June 25-27	59
Advanced MR Imaging in Paediatric Radiology	Genoa/IT	July 2-4	40
Applied MR Techniques, Advanced Course	Gdansk/PL	July 9-11	38
Advanced Breast & Pelvis MR Imaging	Lausanne/CH	September 24-26	60
Advanced MR Imaging of the Musculoskeletal System	Paris/FR	September 24-26	61
Advanced MR Imaging of the Abdomen	Coimbra/PT	October 8-10	59
Clinical fMRI - theory and practice	Thessaloniki/GR	October 15-17	48
Advanced MRI of the Chest	Heidelberg/DE	October 29-31	42
Advanced Head & Neck MR Imaging	Alicante/ES	November 5-7	35
Advanced MR Imaging of the Musculoskeletal System - Spanish Language	Santiago di Compostella/ES	November 12-14	63

European Courses of Neuroradiology

Cooperation has been established with the European Society of Neuroradiology (ESNR) and its European Courses of Neuroradiology (ECNR) which are now part of the educational activities of ESOR. The 10th cycle dedicated to diagnostic and interventional neuroradiology includes four courses taking place between 2008 and 2010. In 2009 two courses were organised on tumours and tumour-like vascular lesions as well as vascular diseases. 440 neuroradiologists benefited from these advanced programmes which lead to the ESNR diploma.

Course	Venue	Date	No of participants
Tumours	Rome/IT	March 20-24	210
Vascular Diseases	Tarragona/ES	October 9-13	230

Tutorials

Three ESOR Graz Tutorials (former EAR tutorials), supported by Agfa, Nycomed and Siemens grants were organised by the University Clinic of Radiology of the Medical University of Graz, Austria, with R. Rienmüller as a local organiser. The programmes were intended to further develop the experience of young radiologists, residents in their 4th or 5th year of training and board-certified radiologists dedicated to the application of the daily radiological routine; extensive theoretical knowledge on diagnostic and technical aspects, healthcare systems, hospital organisation and quality assurance was offered. Altogether 65 radiologists from Russia and CIS countries attended the tutorials.

Course	Date	No of participants
33 rd ESOR Graz Tutorial (in partnership with Nycomed)	February 1–14	20
34 th ESOR Graz Tutorial (in partnership with Agfa)	June 29–July 10	22
35 th ESOR Graz Tutorial (in partnership with Siemens)	August 30–September 12	23

My experience with the ESOR Graz Tutorials

Two participants from the Ukraine, Svetlana Fedkiv from Kiev and Vyacheslav Kolotiy, Donetsk published a report in the Ukraine 'Radiological Journal', describing the programme and learning outcome in detail. They specially mentioned the lectures delivered by lecturers from Austria, Poland, Czech Republic, Russia and China as well as professors from Graz. During the two weeks there were more than 30 lectures on different topics across radiology, ultrasound, interventional radiology, CT and MRT diagnostics. With the help of lecturers from the participants' home countries, talks were adapted according to their needs. Furthermore, they learned about the medical workflow and successful teamwork between technicians and medical doctors.

AIMS - Advanced Imaging Multimodality Seminars (China)

The well-established **Advanced Imaging Multimodality Seminars (AIMS)** can look back on another successful year. The programme organised jointly with CSR and Bracco for Chinese radiologists comprised 6 educational seminars throughout China. A record was set in terms of numbers of participants (980) and due to this success the seminars will be continued in the years to come.

Head and Neck Radiology

Suzhou – Shenzhen – Guilin; April 26-30, 2009

CSR representatives:

Qiyong Guo, Shenyang/CN
Zhongkui Huang, Guangxi/CN
Quanfei Meng, Guangdong/CN

ESR/ESOR representative:

Iain W. McCall, Oswestry/UK

Local chairmen:

Zhongkui Huang, Guangxi/CN
Changhong Liang, Guangdong/CN
Gaojun Teng, Jiangsu/CN

Topics and Faculty:

Neuroradiological disorders of the spine

Iain W. McCall, Oswestry/UK

Imaging the tumour volume in head and neck cancer

Robert Hermans, Leuven/BE

Perfusion imaging in the characterisation of brain tumours

Marco Essig, Heidelberg/DE

Multimodality applications in the diagnosis of TIA

Xiaoyuan Feng, Shanghai/CN

3D TOF MRA with VR at 3T in the diagnosis of intracranial aneurysms: a comparison study with DSA

Minghua Li, Shanghai/CN

Imaging diagnosis of skull base tumors

Quanfei Meng, Guangdong/CN

MRI of nasopharyngeal carcinoma and staging system in China

Biling Liang, Guangzhou/CN

Susceptibility-weighted imaging of the brain

Jianping Qi, Wuhan/CN

Oncologic Imaging

Shenyang - Shi Jiazhuang – Xi'an; July 26-30, 2009

CSR representatives:

Qiyong Guo, Shenyang/CN
Bolang Yu, Shanxi/CN
Cheng Zhou, Beijing/CN

ESR/ESOR representative:

Nicholas Gourtsoyiannis, Iraklion/GR

Local chairmen:

Huajun Liu, Hebei/CN
Ke Xu, Shenyang/CN
Bolang Yu, Shanxi/CN

Topics and Faculty:

Use of contrast in the characterisation of lung cancer

Cornelia Schaefer-Prokop, Amsterdam/NL

Imaging diagnosis of hilar cholangiocarcinoma

Qiyong Guo, Shenyang/CN
Cheng Zhou, Beijing/CN

The principles of imaging for radiotherapy planning - the role of the radiologist

Rodney Reznick, London/UK

MR diagnosis and staging of cervical carcinoma

Yahong Luo, Shenyang/CN

Imaging diagnosis of kidney singular and infrequent cancer

Cheng Zhou, Beijing/CN

ADC: Potential imaging biomarker for prediction and early detection of response to chemotherapy in hepatic metastases

Xiaopeng Zhang, Beijing/CN

Imaging manifestations of facial nerve neuroma

Yi Huan, Xi'an/CN

Visiting Scholarship Programme

As in the past, the **Visiting Scholarship Programme** elicited enormous interest amongst residents in their 3rd, 4th or 5th year of training in radiology. Again, more applications were received than in the year before. 25 scholars were given the chance to kick off their interest in a subspecialty, qualifying them for an intense three months training at a volunteer reference centre in Europe for which they received grants from Bracco and ESR. Topics included: Abdominal Radiology, Breast Imaging, Cardiac Imaging, Chest Imaging, Musculoskeletal Radiology, Neuroradiology, Urogenital Radiology, MRI Protocols.

For the first time the programme was extended beyond Europe with a new major partner and reference centre coming on board – the Memorial Sloan-Kettering Cancer Centre (MSKCC, New York, USA) which provided intensive training for one scholar in oncologic imaging.

Visiting Scholarship Programme

My experience



Ioana-Raluca Axente

Coltea Clinical Hospital, Bucharest/Romania

Topic: Urogenital Radiology

Training centre: Hospital Barcelona/Spain

This scholarship focused on the genito-urinary area of radiology and has been a great opportunity for me to get accustomed to modern radiology. I participated in the daily schedule at one of the most prestigious and renowned hospitals of Spain and even of Europe. I learned a lot and gained experience and self-confidence as a young radiologist under the guidance of a well-trained and enthusiastic team. Especially I want to thank my tutor, Dr. C. Nicolau, who patiently and professionally answered all my questions (and there were a lot!) in the genito-urinary area; he also opened up new horizons and challenges for me that an up-to-date radiologist is called upon to answer. The ESOR programme offers the chance to residents to opt for subspecialisation in the large and exciting field of radiology.



Ardi Bardhi

University Hospital Center 'Mother Tereza', Tirana/Albania

Topic: Breast Imaging

Training centre: Policlinico Gemelli Catholic University, Rome/Italy

This experience was outstanding for me and to my highest personal and professional satisfaction. The training was intense and fruitful and I learned a lot of theoretical and practical benefits for my future professional career in my home country. First of all I would like to thank ESOR for the opportunity provided to me, to be part of this course and the Catholic University that welcomed my participation. A special and warm thank you goes to Prof. Lorenzo Bonomo as well as my tutor, Dr. Paolo Belli who took a lot of care to ensure that my course was really fruitful to me.

Visiting Scholarship Programme

My experience

Anastas Doreski

University Clinic of Radiology, Skopje/Macedonia

Topic: Urogenital Radiology

Training centre: University Medical Center Ljubljana/Slovenia



It was a wonderful opportunity to see and learn new imaging modalities. Some of the highlights that I was exposed to included: TAE of renal tumors, VIBE sequence of the 3T Simense magnet (combined with primovist and resovist) and, last but not least, CEUS in US. Words cannot express my gratitude for the opportunity given to me by ESOR. All this would not have been possible without the great help of my mentor Dr. Darja Babnik Peskar who introduced me to all my tutors and taught me a great deal of conventional uro-radiology.

Gorislav Erceg

University Hospital Dubrava, Zagreb/Croatia

Topic: Neuroradiology

Training centre: Gazi University, Ankara/Turkey



Thanks to the ESOR scholarship programme, I had an opportunity to spend three months in Ankara at the Department of Neuroradiology of the University of Gazi with Prof. Turgut Tali as my mentor. During the eight weeks I was included in everyday neurodiagnostic procedures (MR, MSCT and PET-CT). Thanks to Prof. Tali I had an opportunity to spend four weeks with one of the world's leading neurointerventional radiologists, Prof. Saruhan Cekirge. Prof. Tali included me in the regular weekly meetings with neurologists and neurosurgeons as well as in the work of the fMRI unit. A tremendous number of diagnostic procedures (over a hundred MRI checkups every day), expertise and the cordiality of Prof. Tali and his staff are the reasons why I would recommend Ankara as the destination for all future scholarship holders. This visit not only fulfilled my expectations but exceeded them by far. From this exciting adventure I returned with the precious knowledge that I have already implemented in my hospital. Needless to say, the new friendships I made are an addition to this priceless experience.

Visiting Scholarship Programme

My experience



Catriona Farrell

Leighton Hospital, Cheshire/United Kingdom

Topic: Cardiac Imaging

Training centre: Eberhard-Karls-University, Tübingen/Germany

Tutor(s): S. Miller

My training was aimed to independently generate reports in cardiac CT and gain as much experience as possible in the acquisition of the images.

Tübingen is a beautiful medieval university town. The radiology department of the University Hospital has many years of experience in cross-sectional cardiac imaging and a number of publications in the field. I divided my time between cardiac MR and cardiac CT, aiming to independently generate my own reports in cardiac CT and gain as much experience as possible in the acquisition of the images.



Fidel Núñez Marín

Hospital de Sant Pau, Barcelona/Spain

Topic: Neuroradiology

Training centres: Barts and The Royal London NHS Trust/United Kingdom

Being part of this programme has been a truly positive experience for me, from the professional as well as from the personal point of view. Having the chance of expanding my knowledge in such fascinating subjects as Neuroradiology and Head & Neck radiology as well as observing and learning from experienced radiologists of two referral centres in London has been a step forward not only in my radiological skills but also with regard to my professional future. Something that impressed me especially was the interdisciplinary environment in daily practice and the multidisciplinary meetings. Living in a stimulating city like London was also a great personal benefit for me. I would like to thank Dr. Polly Richards for her dedicated commitment; she was my supervisor during the scholarship. Thanks also go to Drs. Evanson, Offiah, Chandrashekar, Thakkar and Butler as well as the rest of the staff. And, of course, not to forget, sincere thanks to ESOR for giving me and other young radiologists this superb opportunity!

Visiting Scholarship Programme

My experience



Ewa Fidor-Mikita

University Hospital, Lublin/Poland

Topic: Abdominal Radiology

Training centre: Addenbrooke's Hospital, Cambridge/United Kingdom

Looking over the three months I spent at Addenbrooke's Hospital in Cambridge, I may say that everything was just as unforgettable and inspiring as I imagined it would be when I applied for the ESOR scholarship in Abdominal Radiology. Day by day I enhanced my radiological knowledge by reporting countless challenging CT, MRI and US cases as well as by participating in academic lectures and tutorials. I was also especially impressed by the admirable cooperation between radiologists and clinicians during several daily multidisciplinary team meetings conducted by radiologists. I believe all professional skills I acquired during my stay in the stimulating atmosphere of Cambridge University improved my confidence regarding my future practice and development. I would like to sincerely thank ESR for making this unique professional and personal experience possible. I am also grateful to Professors Adrian Dixon and David Lomas as well as to their team for the experience, support and enthusiasm they shared with me.



Aikaterini Fitsiori

University Hospital, Geneva/Switzerland

Topic: Abdominal Radiology

Training centre: Pitie-Salpetriere, Paris/France

When I was informed about having been admitted to the ESOR scholarship programme 2009, I knew that this would be a unique opportunity for me to broaden my experience and develop my skills and knowledge in abdominal imaging. It turned out to be more than that. Apart from the benefits derived from working at a reputable hospital in the Department of Prof. Philippe Grenier under the guidance of Prof. Olivier Lucidarme, I also had the opportunity to do clinical research in thoracic imaging alongside Dr. Catherine Beigelman. I am deeply grateful to these superb doctors as well as to all my colleagues in Paris who made me feel welcome from the first moment of my stay. Thanks to this excellent ESOR initiative, I gained invaluable professional experience and also had the chance to get a taste of the beautiful city of Paris and of French culture.

Visiting Scholarship Programme

My experience



Sorin Ghiea

Fundeni Clinical Institute, Bucharest/Romania

Topic: Musculoskeletal Radiology

Training centres: Barts and The Royal London NHS Trust, London/United Kingdom

From the first moment at the Royal London Hospital, I learned the importance of getting to know what I had not known previously. In my opinion, admitting this is the very first step of the learning process. I must say that I have learned a lot about Musculoskeletal Imaging - thanks to the skillful team of MSK consultants (Dr. Muaaze Ahmad, Dr. Rosy Jalan, Dr. Sivadas Ganeshalingam). I had the opportunity of seeing various cases of MSK pathology, discussing MRI, CT or conventional imaging modalities, performing ultrasound and learning how to do US or fluoroscopy-guided injections. Participating in multidisciplinary meetings opened my eyes to the importance of teamwork, especially in radiology. This scholarship offered me the rare chance of learning the British way of managing radiology and encouraged me in my professional development towards MSK imaging.



Lgia Filipa Pires Gonçalves

Hospital de Sao Marcos, Braga/Portugal

Topic: Musculoskeletal Radiology

Training centre: Leiden University Medical Centre, Leiden/The Netherlands

The ESOR visiting scholarship in the prestigious Musculoskeletal Imaging section of LUMC was a unique opportunity for the advancement of intellectual, professional, and personality development. The technical and scientific possibilities were quite exceptional. A daily workflow of extremely demanding cases compelled me to study and solve them. I feel I have become a more knowledgeable and wise radiologist. I am most grateful to ESOR for giving me this great opportunity and to the superb team of renowned radiologists who shared with me their exquisite clinical practice. I certainly hope these words can encourage other fellow residents to embrace such a fulfilling experience.



Serkan Güneylü

Ege University, Izmir/Turkey

Topic: MRI Protocols

Training centre: Eberhard-Karls-University, Tübingen/Germany

The ESOR programme is an excellent chance for residents. It offers a chance for young radiologists to develop in the fields in which they wish to work in the future. In Tübingen I saw a lot of MR examinations and discussed the images with the professors. I had the opportunity to work on my own, to ask questions and to attend the radiology meetings. In this field technology advances very quickly; it is beneficial to know different indications, sequences, evaluations and reporting systems. I want to thank ESOR because of their emphasis on such exchanges. Besides training I think that this is very good for gathering experience and learning about different cultures.

Visiting Scholarship Programme

My experience

Tobias Henning

Technical University, Munich/Germany
Topic: Neuroradiology
Training centre: Addenbrooke's Hospital, Cambridge/United Kingdom



The ESOR scholarship at the Department of Neuroradiology, Addenbrooke's Hospital in Cambridge exceeded my expectations by far. The wonderful teaching resources and lectures gave me deeper insight into the subject of neuroradiology and made this the most productive learning experience so far in my training. Working with experts in the field, following them through their daily routine and attending interdisciplinary conferences gave me a better understanding of the subject. I want to thank ESOR for giving me this opportunity and I want to especially thank Dr. N. Antoun for his devotion to teaching and to sharing his knowledge with me of which I have profited so much.

Bruno Hochegger

Pavilhao Pereira Filho Hospital, Porto Alegre/Brazil
Topic: Chest Imaging
Training centre: University of Heidelberg, Heidelberg/Germany



The ESOR scholarship has positively influenced my professional experience, especially in the area of thoracic imaging. I was privileged to work at the prestigious University Hospital in Heidelberg with a great team of radiologists led by Professor Hans-Ulrich Kauczor. The programme spelled fulfilment for me. During the three months I learned to draw up reports of thoracic conventional x-ray films, CT/MRI and I also had the chance to discuss these cases with thoracic radiologists. Possibility was given to me to review many cases of thoracic MR and with the help of my tutors and Professor Kauczor, I wrote two pictorial essays on this topic. Because of this experience, my hospital in Brazil will be the first to perform such MR's in my country. I believe that this experience will significantly improve my everyday clinical and research practice. Also, I hope ESR will maintain and develop this programme because I think it is very helpful for my young colleagues.

Kawthar Issa

Surgery Teaching Hospital, Suliemaniah/Iraq
Topic: Breast Imaging
Training centre: Policlinico Universitario Tor Vergata, Rome/Italy



For the past 3 months (from October 2nd till December 30th) I worked as part of the Radiology Department team in PTV, Breast Imaging, as a trainee of the ESOR programme supervised by Dr. Elsa Cossu. Focus was on modality techniques and protocols, follow-up of patients, hands on teachings of clinical cases and interpreting different images (Mammography, Breast Ultrasound and Breast MRI). As a scholar of ESOR, the European School of Radiology, I would like to thank you once again for giving me the chance to be part of the 2009 ESOR training programme. My thanks also to Prof. Simonetti, my tutors and many of the other specialists in the Department for being so kind, supportive and scientifically competent during my training period in Rome.

Visiting Scholarship Programme

My experience



Katarzyna Kapuścińska

University Hospital, Krakow/Poland

Topic: Musculoskeletal Radiology

Training centre: Mater Misericordiae Hospital, Dublin/Ireland

Musculoskeletal Imaging is my main field of interest; thus it was a great opportunity and honour to receive an ESOR Musculoskeletal scholarship. I spent most of my time at the Mater Misericordiae Hospital where I was able to check and improve my knowledge not only in musculoskeletal imaging but also in some aspects of general radiology. The most impressive and interesting events for me were the daily clinical conferences where radiologists, clinicians and pathologists discussed interesting cases. I also took part in everyday work at the Radiology Department. All I can say is I wish I could be one of the residents at Mater. I also spent some time at the Cappagh National Ortopaedic Hospital where I studied only musculoskeletal cases. I would like to thank a million times my tutor Dr Eoin Kavanagh (who is an excellent lecturer and a highly qualified musculoskeletal radiologist) and all other specialists who spent their time explaining difficult cases. I encourage everyone to apply for an ESOR scholarship because it is a very enriching experience both in professional and private aspects.



Balázs Krisztián Kovács

Semmelweis Medical University, Budapest/Hungary

Topic: MRI Protocols

Training centre: Medical University of Vienna/Austria

I would like to express my gratitude to all the members of the Steering Committee, also to my tutor Prof. Siegfried Trattng as well as to the staff of the Clinic at the AKH/Vienna for giving me the opportunity to spend three months at such a well-organised clinic. During the three months of my scholarship, I was able to improve my knowledge both in MRI examinations and in numerous other fields of radiology; I worked on scientific issues as well. As a „bonus”, I refreshed and improved my German, not to forget the benefit of staying in a culturally vibrating and intellectually stimulating place such as Vienna.



Petra Kullnig

Klinikum Berlin-Buch, Berlin/Germany

Topic: MRI Protocols

Training centre: Policlinico Universitario Tor Vergata, Rome/Italy

The Visiting Scholarship created by the European School of Radiology offers young radiologists a chance to expand their knowledge and practical skills on a chosen topic. To my knowledge there is no comparable programme. Therefore, I was delighted to have been selected for participation. The scholarship was a unique possibility for me to approach radiology outside of the resident's daily routine. I very much appreciated this opportunity. Based on my personal experience, I can only encourage every young resident to apply for the ESOR scholarship. I want to thank ESOR for the privilege of taking part and my tutors for their helpful support; my gratitude also extends to all the local radiologists who proved to be highly cooperative and competent.

Visiting Scholarship Programme

My experience

Alexandre Lima Carneiro

Hospital Sao Joao, Porto/Portugal
Topic: Cardiac Imaging
Training centre: UZ Leuven/Belgium



One of the most positive aspects of my training was the technical quality and the variety of the exams performed. My experience was hands-on and I had the opportunity to operate the scanner by myself. This exceeded my expectations. At the end of this period I am able to return to my home department and become part of a team that already performs cardiovascular studies. Some of the technical refinements learnt in Belgium have already been passed on and have now become part of our own routine.

Jaykumar Nair

Indira Gandhi Government Medical College, Navi-Mumbai/India
Topic: Neuroradiology
Training centre: Antwerp University Hospital/Belgium



The ESOR Scholarship at Antwerp University Hospital (UZA), Belgium was a wonderful sojourn which I shall cherish for the rest of my life. It offered to me the unique opportunity of working with Professor Paul Parizel and his highly motivated staff; their approach was systematic and disciplined, yet always acting in a friendly and cordial environment. Despite their busy schedule, they were always willing to share their experience and knowledge with me, thus enabling me to sharpen my skills in basic and advanced Neuroradiology. I was given the opportunity to attend the Erasmus course on Neuroradiology and even to submit a manuscript based on a Clinical Research Project done during the training. On the personal relationship level, Professor Parizel was my friend, philosopher and guide, always endeavouring to make me feel at home. The invaluable knowledge gained as well as the opportunity to live in the beautiful city of Antwerp turned this visit into a far more fruitful experience than I ever expected. I will certainly recommend and encourage my fellow residents to apply for ESOR scholarships in the coming years. Finally, my sincere gratitude goes to ESR, ESOR, UZA and Bracco for their great initiative designed to motivate budding radiologists like me and thus give us a chance to realise our dreams.

Visiting Scholarship Programme

My experience



María Navallas

Hospital Universitario 12 de Octubre, Madrid/Spain

Topic: Oncologic Imaging

Training centre: Memorial Sloan-Kettering Cancer Center, New York/USA

The opportunity to attend the first ESOR Visiting Scholarship in Oncologic Imaging offered in partnership with the Memorial Sloan-Kettering Cancer Centre gave me the most comprehensive exposure to oncologic diseases. I had the privilege of entering and following a well-structured modular training programme. I was amazed by the close interaction of surgeons, medical oncologists, radiotherapists, pathologists, and radiologists which is essential for an accurate diagnosis, treatment and follow-up of tumors. I found this programme to be an opportunity occurring once in a lifetime and I recommend and encourage everyone to apply for this unique and valuable scholarship. I would like to thank everyone who made it possible for me to spend these three unforgettable months in New York, especially Dr. Hricak, Dr. Panicek and their superb team of radiologists for the support they provided.



Glykeria Petrocheilou

KAT General Hospital, Athens/Greece

Topic: Musculoskeletal Radiology

Training centre: Imperial College NHS Trust - St. Mary's Hospital Campus, London/United Kingdom

The friendly, enthusiastic environment combining state-of-the-art technology and working alongside persons with outstanding professional skills made the ESOR programme 2009 at St Mary's Hospital in London an experience beyond my expectations. The theoretical lectures and the multidisciplinary meetings were part of a well-structured daily training programme. Yet what impressed me in particular was the personal attention and supervision afforded by my tutors (Dr E. Dick & Dr M. Walker) who helped me to gain invaluable experience in musculoskeletal reporting (Ultrasound, CT, MRI) and performing (US-exams and US-guided injections). Many thanks to ESOR for this unique opportunity, this unforgettable experience during my residency training that helped me to become more knowledgeable and broad-minded.

Visiting Scholarship Programme

My experience

Amir-Reza Radmard

Shariati Hospital - Tehran University of Medical Sciences, Tehran/Iran
Topic: Abdominal Radiology
Training centre: Medical University of Vienna/Austria



The ESOR scholarship programme was a unique and fantastic opportunity for me to enhance my theoretical knowledge and practical experience. Such a valuable and worthwhile training in the field of abdominal radiology will definitely contribute to facilitating my future career. The Radiology Department of AKH with its state-of-the-art advanced imaging equipment enriched by a highly skilled and motivated staff provides an excellent opportunity for residents who are eager to learn. During this three-months training I had the exceptional chance to be part of a well-structured didactic programme. For this privilege I would like to express my profound thanks to Professor Herold and his team (Dr. Ba-Ssalamah, Dr. Memarsadeghi, Dr. Magnaldi and others). I am equally grateful to Dr. Ba-Ssalamah who generously invested time and experience to teach me; the same applies to his kind colleagues Dr. Memarsadeghi, Dr. Magnaldi and all other staff at the AKH Radiology Department for sharing their knowledge and expertise with me. My heartfelt thanks reach out to the ESOR Steering Committee and particularly to its scientific/educational director Professor Gurtsoyiannis for their admirable achievement designed to establish a brighter scientific future for young residents; "Education in Partnership" seems to be one of their highly commendable targets. I also appreciate the work of the ESOR office, especially of Ms Iris Kovacs, for their kind help and support over the past six months.

Saulius Rutkauskas

Medical University Hospital, Kaunas/Lithuania
Topic: Neuroradiology
Training centre: Gui de Chauliac, Montpellier/France



The ESOR scholarship was a wonderful opportunity for me to improve my knowledge in Neuroradiology. The time I spent at the Neuroradiology Department of CHU de Montpellier, Gui de Chauliac, provided the chance to better understand the advanced neuroimaging technologies. I have gained great practical and especially theoretical knowledge in MRI and CT. I am grateful to the friendly and helpful residents and physicians I met at this center; they willingly shared their experience and secrets of neuroradiology with me. Also, I would like to thank ESOR for this great chance of visiting this prestigious hospital; this will help me to make a huge step forward in my professional career.

Visiting Scholarship Programme

My experience



Janis Tolpežnikovs

Riga Austrumu Clinical University Hospital, Salaspils/Latvia
Topic: Abdominal Radiology
Training centre: Malmö University Hospital/Sweden

I attended an Abdominal Radiology course at Malmö University Hospital in Sweden. The task for a radiologist in Malmö differs from the one in Riga, mainly in the fields of abdominal and general ultrasound, particularly in terms of intervention; in our hospital this is done by surgeons. We do not use liver-specific MRI contrast media because our health insurance system does not pay for it. Nevertheless, I greatly benefited from the insight into the radiologists' routine and learned the specific competencies within this vast area of abdominal CT and MRI. My grateful acknowledgement goes to ESOR for giving me the opportunity to attend such a course.



Inneke Willekens

UZ Brussels/Belgium
Topic: Abdominal Radiology
Training centre: General Hospital Royo Villanova, Zaragoza/Spain

The ESOR visiting scholarship was a unique opportunity to expand my radiological knowledge, especially in the area of abdominal imaging. I was fortunate to be mentored by a superb team of radiologists and supervised by Professor Ros Mendoza. My visit was well-organized with the target of making the best of it. The combination of state-of-the-art technology and high quality professional knowledge was my chance to fulfill all my learning expectations. It was definitely a milestone in my professional career – an unforgettable and unique lifetime experience. I would like to express my gratitude and profound thanks to ESOR, Professor Ros Mendoza and the Hospital Universitario Miguel Servet for affording me this honour and privilege.

Exchange Programme for Fellowship

The development of subspecialty fellowships in radiology through proper and structured training is one of the major aims of ESR and ESOR. ESOR, in partnership with the European subspecialty societies, has **organised Exchange Programmes for Fellowships** which are aimed at rounding off educational requirements for subspecialty fellowships. The programmes realised in 2009 included Abdominal Imaging (ESGAR – 5 trainees), Cardiac Imaging (ESCR – 5 trainees), Head and Neck Imaging (ESHNR – 3 trainees) and Paediatric Imaging (ESPR – 2 trainees). The trainees entered three months of intense subspecialty training at volunteer major European reference centres.

Exchange Programme for Abdominal Imaging Fellowship

My experience

Javier Arnaiz Garcia

Marques de Valdecilla University Hospital, Santillana del Mar/Spain
Training centre: Saint-Antoine Hospital, Paris/France



The ESOR/ESGAR Exchange Programme for Abdominal Imaging has offered me the opportunity to spend three months at the Department of Radiology of Saint-Antoine Hospital in Paris. I was quickly integrated in a superb team of young, multicultural and renowned radiologists in the field. They are not only a high level professional team but also people who like to share their knowledge and experience. I benefitted greatly from the comprehensive training and teaching programme and the daily multidisciplinary meetings during which I obtained a much broader view of clinical radiologic practice. This experience turned out to be very useful - not only to learn about abdominal imaging but also to see from the organisational point of view how the work in the Department is organised. The invaluable knowledge that I gained as well as the opportunity to live in one of the most interesting cities in the world made this sojourn more than I could ever expect. I certainly recommend and encourage residents and young radiologists to apply and enjoy such a fulfilling experience.

Sandra Baleato González

Complejo Hospitalario de Pontevedra, Santiago/Spain
Topic: Abdominal Imaging
Training centre: Hopital Erasme, Brussels/Belgium



The purpose of my fellowship was to acquire knowledge about different imaging techniques (fluoroscopy, CT and MRI) used in abdominal pathology and learn to interpret them correctly. This fellowship was one of the most outstanding clinical and research experiences in my life. I became familiar with the management of gastrointestinal diseases, using many different techniques. I had the opportunity to observe the daily routine and workflow of a referral center for pancreatic pathology. Erasme Hospital combines excellent care and scientific activity. This made it possible for me to learn how to handle the new MRI tools used in abdominal pathology (diffusion and perfusion). I would like to thank ESGAR for this great opportunity to spend three months at one of the best abdominal MRI centres in Europe. Many thanks also to Dr. Matos, Dr. Bali and all the staff in the Abdominal Imaging Unit for making my stay so enjoyable and productive.

Exchange Programme for Abdominal Imaging Fellowship

My experience



Catherine Grierson

John Radcliffe Hospital, Oxford/United Kingdom

Training centre: Academic Medical Center, Amsterdam/The Netherlands

I found the period of my exchange programme at the Academic Medical Centre in Amsterdam to be a very positive and rewarding experience. I had extensive exposure to the department's cross-sectional abdominal imaging work and to the interaction of abdominal radiologists with the relevant medical and surgical specialties, including involvement in a variety of multi-disciplinary meetings. In particular I was able to develop my interest in luminal gastrointestinal radiology with excellent access to CT Colonography and MR Enterography case archives. The experience I have now acquired in these two areas will be of great use in my future practice.



Sonja Mafalda Kirchhoff

University Hospital Munich/Germany

Training Centre: University of Pisa/Italy

Before I started this fellowship, I was a little bit undecided about abdominal radiology as a choice for a lifelong career but these 3 months have cemented my decision and I am looking forward to involve myself even more as part of the abdominal radiology group at home. My fellowship visit was well planned by Prof. Bartolozzi and his staff to the point that I had an agenda for each day, including the schedule for CT/MRI cases and clinical conferences. Moreover, during my fellowship I was allowed to participate in several courses arranged by the Radiology Department. The educational offer was so substantial that I did not get the chance to climb the Leaning Tower of Pisa. Thank you so much, I really enjoyed every day!



Ana Preto

Hospital São João, Porto/Portugal

Training centre: Derriford Hospital, Plymouth/United Kingdom

To be a part of the inaugural ESOR/ ESGAR Exchange Programme for Abdominal Imaging Fellowship meant embracing an opportunity that I had been longing for from the beginning of my trainee programme since abdominal imaging has always been one of my main interests. The Gastro-Intestinal (GI) team is a group of superbly trained subspecialist radiologists with a fascinating multi-tasking job plan that went beyond my personal diagnostic-based radiology background. In particular, their interventional radiology and endoscopy skills are one of a kind. Thus I was exposed to literally all GI themes, including Hepatobiliary Pathology as well as Small and Large Bowel luminal examinations, such as MR Enterography and CT Colonography. Getting to know another health care system in another European country is always an enriching experience, especially for young doctors who will virtually compose the next radiologists' generation.

Exchange Programme for Cardiac Imaging Fellowship

My experience



Jan Baxa

University Hospital Plzen/Czech Republic
Training Centre: Medical University of Vienna/Austria

The ESOR fellowship is a rare occasion to gain important experience for the professional development in radiology. I was very happy to get the possibility to spend three months at the AKH with my tutor Christian Loewe. Altogether I reviewed and interpreted more than 200 CTs and 100 MRIs. In addition to the imaging performed during my stay, I had free access to PACS with all archived cases and therefore I saw some of them which are very rare in our country, for example congenital heart diseases. I thoroughly enjoyed the hospitality and patience extended to me during my work at the Department. I owe special thanks to Christian Loewe who was an excellent tutor although as a rule he was not engaged in the “basic” work at the Department. I can only recommend that all young radiologists should not only apply for the Cardiac Imaging Fellowship but also opt for other ESOR offers beneficial for our “budding” generation.



Leon Menezes

University College Hospital, London/United Kingdom
Training Centre: “Sapienza”, University of Rome/Italy

I spent three months – all too short - at Prof. Passariello’s Department of Radiological Sciences at the “Sapienza” University of Rome. Cordial thanks go to Drs. Iacopo Carbone and Marco Francone as well as to everyone at the Department for their welcome, hospitality, and training in both cardiac imaging and Roman culture. I consolidated my cardiac CT knowledge, using dual source CT. I learnt how to perform and report many cardiac MR examinations, using 1.5 and 3T scanners. I was fully involved in all the teaching and training that took place in the Department and lectured at their Cardiac CT course. I also read cardiac CT examinations as part of the Department’s ongoing research. The ESOR Cardiac Imaging Fellowship at “Sapienza” very usefully complemented my prior knowledge of cardiac imaging from the nuclear medicine and CT standpoints. I leave Rome with new knowledge, professional relationships and friends.



Maya Nedeva-Petkova

Medical University of Plovdiv/Bulgaria
Training Centre: University of Bangor, Gwynedd/United Kingdom

I would like to underline the enormous impact of this programme on my personal understanding of cardiac imaging. Many thanks to Professor Michael R. Rees and his experienced staff from the hospitals Ysbyty Gwynedd and Ysbyty Glan Clwyd. They helped me to obtain not only a profound background knowledge of cardiac CT and MRI but the training also included a tremendous amount of practical work experience in both modalities. I also spent time attending cardiac ultrasound and nuclear cardiac exams as well as diagnostic and interventional procedures at the catheterisation lab. I am very grateful to Professor M. Rees for introducing me to this multimodality approach of cardiac imaging.

Exchange Programme for Cardiac Imaging Fellowship

My experience



Tadeja Poropat

University Medical Centre, Ljubljana/Slovenia

Topic: Cardiac Imaging

Training centre: University Hospital, Zurich/Switzerland

The ESOR scholarship has given me a wonderful opportunity to spend three months at the University Hospital Zurich. As far as my training is concerned, I did not arrive at the perfect time since the Radiology Department was going through a lot of organisational changes. Nevertheless, I learned a lot. I have not only benefitted from cardiac imaging; for me this was an amazing experience of working in an extremely well-organized and motivating environment. I had the privilege to work with a highly professional team of radiologists and I am grateful for their sharing knowledge and experience with me. Altogether my stay in the vibrating city of Zurich was a fulfilling professional and personal experience which I can sincerely and highly recommend.



Elias Primetis

Areteion - University Hospital, Athens/Greece

Topic: Cardiac Imaging

Training centre: Ludwig-Maximilians-University, Munich/Germany

The Cardiac Imaging Fellowship at the Klinikum Grosshadern of the Ludwig Maximilian University was a unique experience. My training included a large number of live cases from the clinical routine and a considerable number of cases from the archives. I was involved in reporting, in post-processing and in the scanning procedures. In addition to cardiovascular training, I had the opportunity to gain further experience in advanced MRI techniques for Neuro, Abdominal and Musculoskeletal Imaging. I am grateful to ESOR, ESCR and ESR for organising the Fellowship. I would like to thank Professor Maximilian Reiser and the LMU staff for their hospitality and support. Special thanks to Dr. Christoph Becker, Dr. Konstantin Nikolaou, Dr. Bernd Wintersperger and Dr. Daniel Theisen for the thorough training they offered.

Exchange Programme for Head and Neck Imaging Fellowship

My experience

Hamid Reza Ashkzaran

University Hospital, Ghent/Belgium

Topic: Head and Neck Imaging

Training centre: Hôpital de Hautepierre, Strasbourg/France



During my training in Strasbourg I became familiar with the Department, their equipment for CT scanning and MRI as well as their approach to work. The main task was focused on ear imaging but there were also a lot of clinical cases and examinations in the head and neck field. I improved my knowledge in this area and surely my ability to interpret the results advanced noticeably. Interviewing patients concerning their complaints was a very important aspect of the work schedule and I really appreciate this kind of approach which underlines the fact that first and foremost we are physicians and not just interpreters of images. My stay was very instructive and valuable. Herewith I would like to thank my tutor and teacher Professor Veillon and ESOR for giving me this opportunity.

Daisy Bloemenkamp

Academic Medical Center, Amsterdam/The Netherlands

Topic: Head and Neck Imaging

Training centre: UZ Leuven/Belgium



The day I arrived I was competently guided by Professor Hermans and his friendly colleagues through the big Department where one usually gets lost. They quickly arranged an available PACS station so that I was fully involved in complex Head and Neck Imaging within approximately the first 45 minutes. I was given access to the huge database with interesting Head and Neck cases collected by Professor Hermans over the years. This gave me the opportunity to see several hundreds of interesting and well-imaged cases. My workday as a fellow at Leuven started in the morning with interpreting all scanned CT and MR investigations from that day and the afternoon/evening before. In the afternoon Prof. Hermans discussed all the patients with the radiology residents and me. I would like to thank the ESHNR, Professor Hermans, the Departments of Radiology at Leuven and Amsterdam for giving me this chance.

Elena Sammouti

Nicosia General Hospital, Nicosia/Cyprus

Topic: Head and Neck Imaging

Training centre: University Hospital of Geneva/Switzerland



I chose Head and Neck Radiology because it is a demanding field useful in everyday practice. I had the opportunity to work in a well-organized department with a friendly multinational environment. MRI examinations of the head and neck area were performed on two 1.5 and one 3T machines and new imaging protocols and new sequences were continuously implemented in clinical routine. This training enabled me to participate in the interpretation of video-fluoroscopy studies of deglutition which is a very useful tool in the hospital and I received the benefit of Dr. M. Becker's experience in this field. As I work in a newly established general hospital, it was particularly beneficial for me to gain familiarity with a more advanced, complicated PACS system that has been in use for ten years.

Exchange Programme for Paediatric Imaging Fellowship

My experience



Rui Santos

IPO - Portuguese Oncology Institute, Porto/Portugal

Training Centre: Great Ormond Street Hospital for Children, London/United Kingdom

Great Ormond Street Hospital for Children combines the largest number of paediatric specialities in the United Kingdom and is an internationally renowned centre for treatment and research in the field of Paediatrics. This fellowship allowed me to pursue further training in Paediatric Radiology under the guidance of some of the best Paediatric Radiologists in the world. For three months I was part of the team of fellows and registrars that, under the close supervision of the consultants, implemented all the radiological exams in this hospital. I also took part in the weekly teaching and clinic-radiology meetings within the department and in other paediatric specialities. This fellowship has provided me with the tools and experience for a solid foundation that will foster a future career as a paediatric radiologist. It was a professionally and personally rewarding experience and I made friends for life. Thanks go to ESR/ESOR, GOSH and to my tutors.



Enrique F. Garces-Iñigo

Complejo Hospitalario Universitario, Albacete/Spain

Training centre: Hospital Vall d' Hebron and Children's University, Barcelona/Spain

I have recently had the opportunity to spend three months in the Paediatric Radiology Department of the University Hospital of Vall D'Hebron; this stay has been one of the most satisfying and fruitful experiences of my career. Good team work, clinical sessions and the chance to produce several papers supervised by the staff have contributed greatly to my training as a paediatric radiologist. Therefore, I would sincerely like to express my gratitude to all the team for their hospitality and interest in guiding me and furthering my knowledge in the field of Paediatric Radiology. Overall, this has been an experience that I would recommend to any resident or young radiologist interested in the field of Paediatric Radiology.

Meetings

ESOR Steering Committee Meeting

Vienna, March 2009

ESOR Working Meeting

Vienna, June 2009

ESOR Working Meeting

Vienna, December 2009

ECR 2009: ESOR booth and ESOR Session

ECR has become an important communication platform for the European School of Radiology (ESOR). At the ESOR booth in the entrance hall, the congress participants were given the opportunity to inform themselves and to collect brochures about this year's wide range of activities.

With its first session ever held at an ECR, ESOR tried to bring residents and young radiologists together to inform them of 'New opportunities for education'. More than 100 attendees accepted the invitation, not only filling all available seats but also using up available standing room. Iain W. McCall, Immediate Past President of the ESR, explained what the school means for ESR and emphasised the importance of having established an educational programme that assists in harmonising radiological education in Europe as well as trying to expand and coordinate teaching resources worldwide. An insight into activities was given by Nicholas Gourtsyiannis, Scientific/Educational Director who also reported on the success of the school in the past year. Malgorzata Szczerbo-Trojanowska, ECR 2010 Congress President and ESOR Steering Committee Member, and Peter Aspelin, local organiser of a course held in Stockholm, reported about the excellent benefits the GALEN courses offer to the participants. Another topic was presented by Christiane Nyhsen from the Radiology Trainees Forum who briefly presented RTF and its view on ESOR. At the end of the session three trainees spoke about their experience with ESOR. Certificates were also awarded to the successful graduates of the ESOR training programmes.



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