



Final Programme



Shoulder
ESSR 2015
MUSCULOSKELETAL
RADIOLOGY
JUNE 18–20, YORK/UNITED KINGDOM

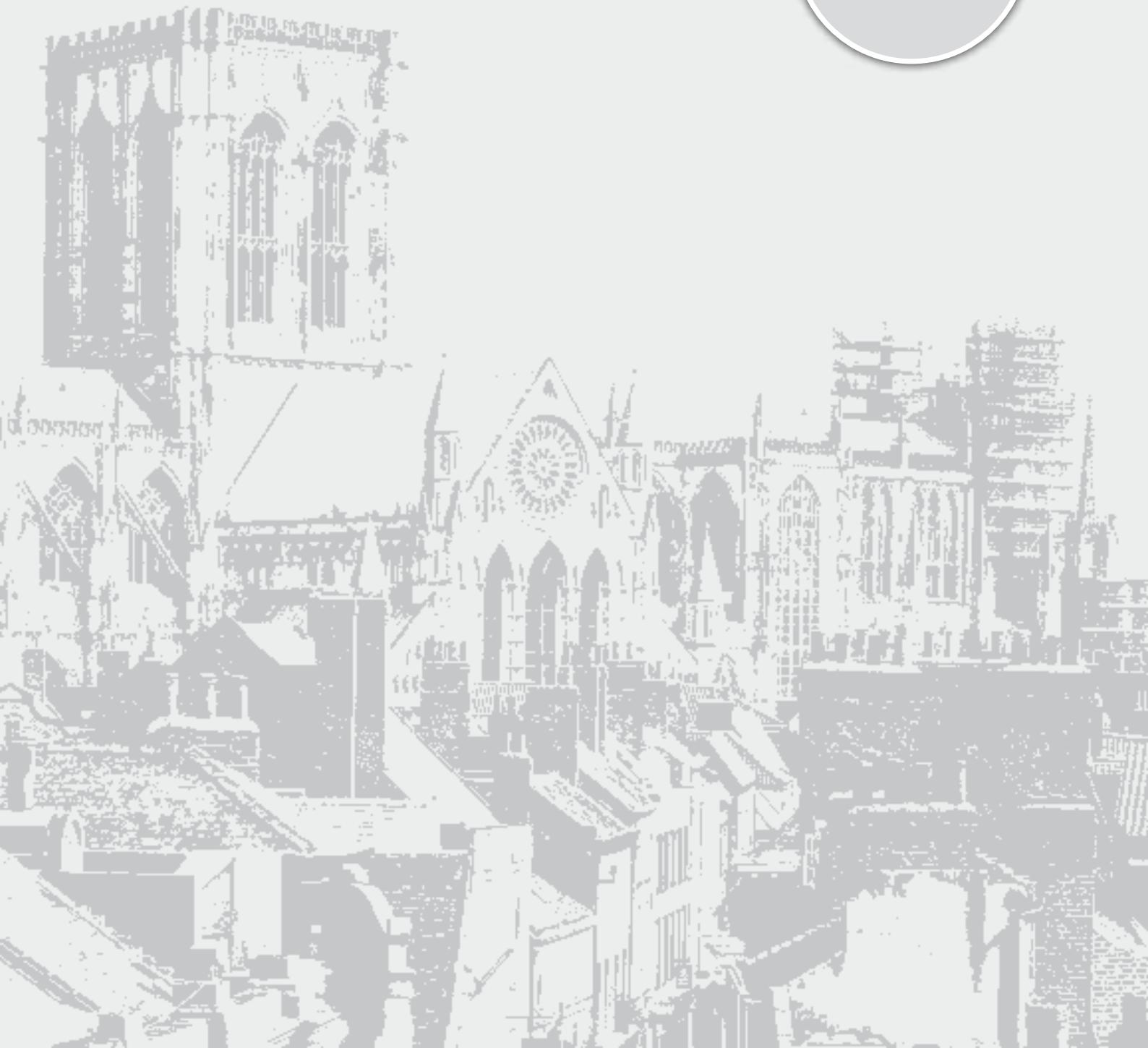


Welcome Reception

Friday, June 19, 2015 | 18:00

York Barbican Center

**ALL
DELEGATES
ARE
WELCOME!**



CONTENTS

General Information	4
Floor Plan	7
Exhibition	9
Welcome	11
Committees	12
Invited Faculty	13
Programme Overview	14
Programme	17
Invited Abstracts	26
Scientific/Educational Posters	65





GENERAL INFORMATION

CONGRESS VENUE

York Barbican Center
Paragon St, York
North Yorkshire YO10 4AH
United Kingdom

CERTIFICATE OF ATTENDANCE/CME ACCREDITATION

The Certificate of Attendance/CME Accreditation can be viewed and printed after the congress by entering your ESSR MyUserArea at the ESSR website (www.essr.org/myuserarea). To enter the MyUserArea, please use your last name in combination with your Personal ID from your congress badge.

Continuing Medical Education (CME) is a programme of educational activities to guarantee the maintenance and upgrading of knowledge, skills and competence following completion of postgraduate training. CME is an ethical and moral obligation for each radiologist throughout his/her professional career, in order to maintain the highest possible professional standards.

The ESSR Ultrasound Workshop 2015 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME) and is designated for up to 3 European CME credits (ECMEC).

The ESSR Annual Scientific Meeting 2015 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME) and is designated for up to 12 European CME credits (ECMEC).

CONFERENCE LANGUAGE

The meeting will be held in English. No simultaneous translation will be offered.

REGISTRATION OPENING HOURS

Thursday, June 18	10:00 – 18:00
Friday, June 19	07:30 – 18:00
Saturday, June 20	07:30 – 18:00

REGISTRATION FEES ONSITE

ESSR Non-Member	EUR 650.00
ESSR Member	EUR 490.00
Resident ESSR Non Member	EUR 280.00
Resident ESSR Member	EUR 200.00
Student	EUR 75.00

Member Registration

Only available for ESSR members in good standing.

Resident Registration

Only available for residents under the age of 36. Proof of your resident status must be presented at the registration desk.

Student Registration

Registrations categorised as "Student" are limited to students without any academic title under the age of 30. Proof of your student status must be presented at the registration desk.

NAME CHANGES

Name changes will be treated as a cancellation of the registration and a new registration of the other participant.

ONSITE PAYMENT

Onsite payment can only be made by credit card (Visa or Euro/Mastercard) or in cash (Euro). Please understand that no other payment facilities such as cheques, etc. will be accepted.

COFFEE BREAKS

Complimentary coffee, tea and refreshments will be served during the official coffee breaks to all congress delegates.

BADGE/TICKETS

You are kindly asked to keep your badge visible on the congress grounds at all times. Pre-ordered evening event tickets will be handed out along with the congress badge. Evening event tickets may be purchased onsite at the registration desk subject to availability.

DISCLAIMER/LIABILITY

The ESSR cannot accept any liability for the acts of the suppliers to this meeting or the attendees' safety while travelling to or from the congress. All participants are strongly advised to carry adequate travel and health insurance, as ESSR cannot accept liability for accidents or injuries that may occur. ESSR is not liable for loss or damage of private property.

EPOS™

ESSR 2015 is using EPOS™, the Electronic Presentation Online System, the electronic format of the scientific exhibition developed by the European Congress of Radiology (ECR). Several workstations are available in the EPOS™ Area at which the current electronic exhibits can be viewed by the congress participants during the congress.

 **NEW: Connect your own mobile device and browse through ESSR 2015 Posters:**
<http://posterng.netkey.at/essr/viewing>

WIFI

Free wireless LAN access is available throughout the congress venue.

FUTURE MEETING DESK

This area – located in the grand foyer – offers you an overview of future meetings in the field of radiology and related disciplines, from all over the world. Feel free to contribute flyers and posters to promote your own meetings and courses.

MEDIA CENTER

Speakers are reminded to check in at the media center at least two hours prior to their scheduled presentation. Workstations and trained staff will be at the speakers' disposal. Please note that the media center should not be used to prepare your entire presentation and that due to the large number of speakers the workstations are only available for minor editing.

SPEAKER GUIDELINES

- You are kindly requested to submit your presentation two hours before your session starts at the latest (USB sticks are recommended).
- All presentations have to be uploaded to the conference IT-system. No personal computers will be accepted for projection.
- Please be at the lecture room at least five minutes before the start of your session and identify yourself to the chairs.
- Kindly observe your presentation time. Exceeding the time limit will not be accepted and the chairpersons are requested to stop presentations in such cases.



INDUSTRY SYMPOSIUM ATTENDANCE

Attendees of any industry symposium agree that their registration details will be forwarded to the company organising that symposium. This agreement may be cancelled at any time by writing to the ESSR Office.

SCIENTIFIC PRESENTATION AWARDS

The authors of the best tumour presentation, scientific paper and scientific/educational poster will be awarded a certificate at the ESSR General Assembly.

ESSR/ISS Prize: Best scientific paper presentation

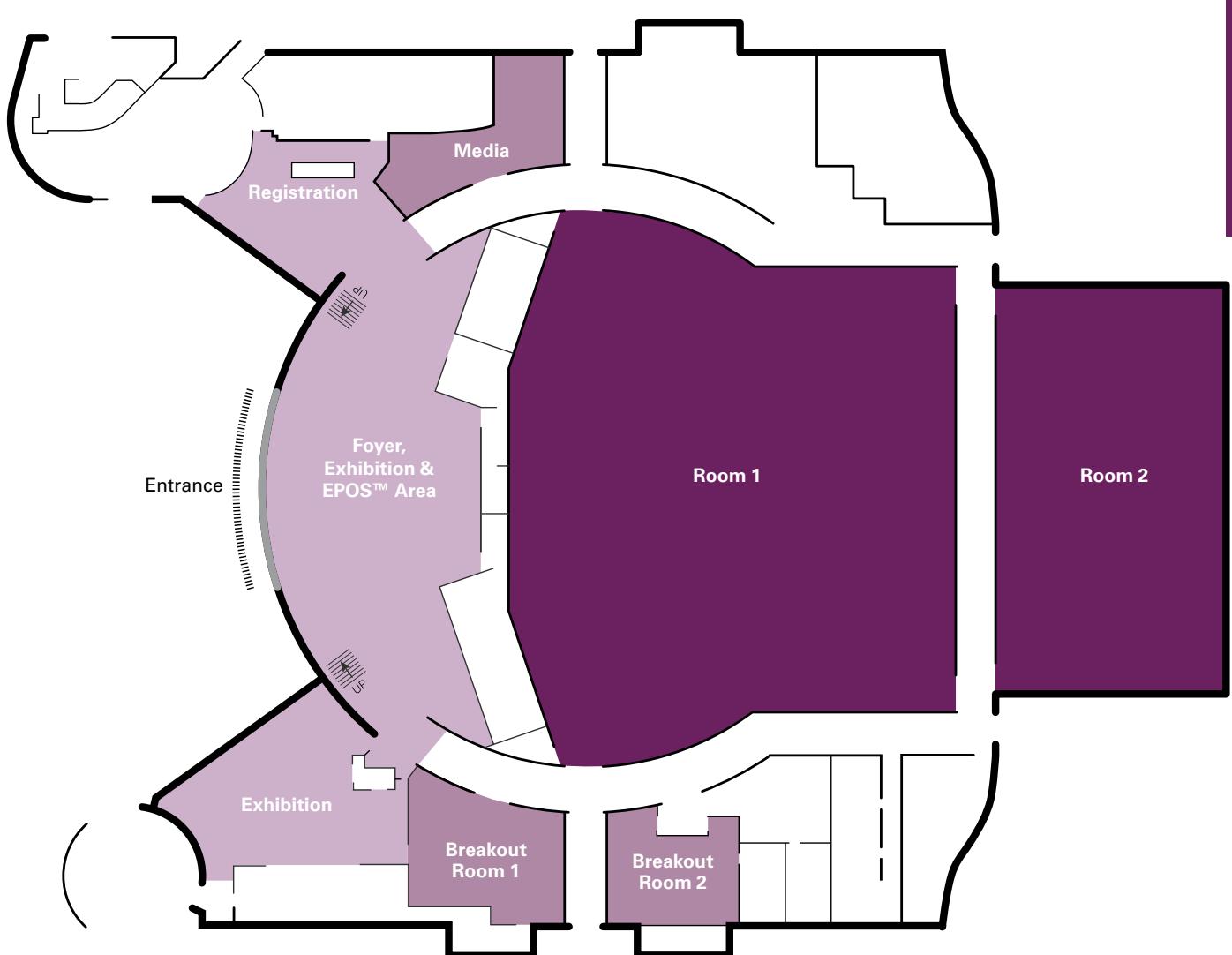
Poster Prize: Best scientific/educational poster presentation

Tumour Prize: Best presentation on tumours

ESSR QUIZ

A radiology quiz presentation will be shown in loop on a monitor in the grand foyer. Please fill out the answer sheet (available at the monitors) and hand it in at the registration counter before Saturday, 10:00 (local time).

FLOOR PLAN



TOSHIBA

Leading Innovation >>>

Is there a single solution for all my patients ?

**Visit our Lunch Symposium,
Hands-On Workshop and Booth
at the ESSR 2015!**

Toshiba Hands-On

June 18th | 13.30 - 15.30 hrs

Toshiba Lunch Symposium

June 19th | 12.30 - 13.30 hrs

**"State-of-the-Art Technologies for
Musculoskeletal Imaging"**

Advanced 4D Orthopedic with 320-row CT

Dr. Pedro Teixeira

**Superb Microvascular Ultrasound Imaging (SMI):
better visualization of low-grade inflammation
of joints and tendons**

Prof. Dr. Adrian Lim

**Ultrasound Scanning Strategies for the Shoulder:
A live demonstration session**

Dr. Petrie De Villiers



EXHIBITION

Why visit? Source innovative products, meet new contacts and build networks!

The exhibition area will be located in the grand foyer and exhibition room.

Friday, June 19 09:00 – 17:00
Saturday, June 20 09:00 – 17:00

We thank our industry partners for their highly appreciated support of ESSR.

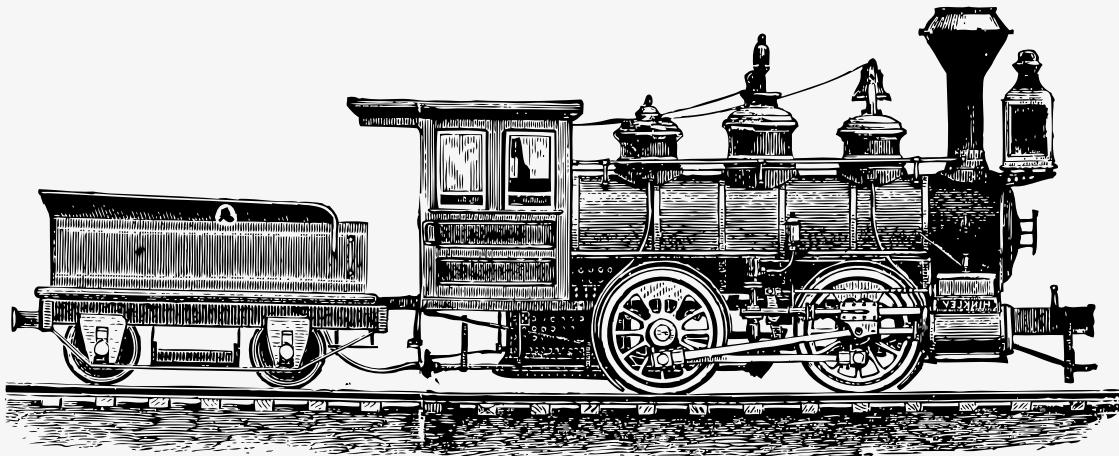
LIST OF EXHIBITORS



GE Healthcare



— SATURDAY, JUNE 20, 2015 —
NATIONAL RAILWAY MUSEUM



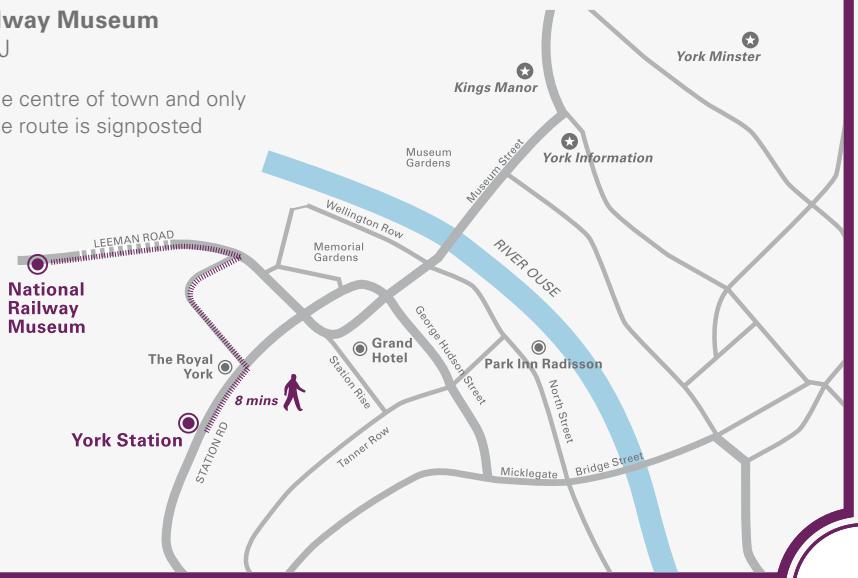
© keepdesigning.com

Gala Dinner

7.30 pm Meeting point National Railway Museum
Leeman Road, York, YO26 4XJ

It's a 10 minute walk to the Museum from the centre of town and only
a few minutes' walk from York station and the route is signposted
Price per ticket EUR 80.00

Shoulder
ESSR 2015
MUSCULOSKELETAL
RADIOLOGY
JUNE 18-20, YORK/UNITED KINGDOM



WELCOME

Dear colleague

On behalf of the European Society of Skeletal Radiology, we welcome you to the ESSR 2015 annual meeting in the historic city of York.

We are pleased to have been able to put together an exciting program with speakers from across Europe with other invited guest lecturers from further afield. It offers scientific sessions and educational lectures presented in two parallel sessions allowing delegates to put together a program best suited to their needs. This year our theme is The Shoulder and one of the lecture streams will be based entirely round this joint allowing an in depth presentation of imaging anatomy and pathology and interventional techniques. A particular highlight is the ever-popular quiz where two teams of radiologists will compete against each other in image interpretation. You have a chance to review the cases yourselves, which will be on display in the lobby areas, and enter your own diagnoses for the chance to win a prize.

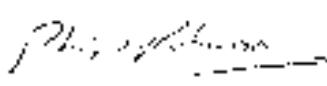
Besides the meeting we hope you will take an opportunity to explore the city. York is rich in history and was originally founded by the Romans in AD71. As such it presents a fascinating timeline of archaeology with many important artefacts from Roman times, Viking occupations as well as medieval times. It is one of the most important tourist attractions in the UK outside London. The York we see today is largely medieval with numerous historically important buildings; it is surrounded by medieval walls and has one of the largest gothic cathedrals in Northern Europe. For those wishing to tour beyond the city, York is surrounded by beautiful scenery being in close proximity to the Yorkshire Dales and the North Yorkshire Moors, two of the UK's most spectacular national parks. The city itself is small enough to walk around and has museums, parks and riverside walks with plenty for the visitor to do.

We would like to thank all the speakers who are contributing to this meeting. We are also grateful for the support we have received from the ESSR executive, the ESSR office, the local organising committee and our colleagues.

Finally thank you for attending the meeting, we hope you will find it stimulating and that you enjoy your time in York.



Andrew Grainger
ESSR Congress President, 2015



Philip Robinson
ESSR Congress President, 2015



COMMITTEES

LOCAL ORGANISING COMMITTEE

Congress Presidents: Andrew Grainger, Philip Robinson

Members: Harun Gupta, Emma Rowbotham, David King & ESSR Subcommittee Chairpersons

ESSR EXECUTIVE COMMITTEE

President: M. Zanetti (CH)

Past President: I. Beggs (UK)

President Elect: G. Guglielmi (IT)

Vice President: K. Wörtler (DE)

Treasurer: D. Wilson (UK)

Secretary: F. Vanhoenacker (BE)

Councilors: A. Plagou (GR), X. Tomas-Batlle (ES)

ESSR COMMITTEE

Education: C. Martinoli (IT)

Research: L. Sconfienza (IT)

ESSR SUBCOMMITTEE

Arthritis: I. Sudol-Szopinska (PL)

Sports: M. Shahabpour (BE)

Tumour: I.M. Nöbauer-Huhmann (AT)

Ultrasound: Ph. O'Connor (UK)

Osteoporosis & Metabolism: J. Patsch (AT)

Imaging Guided Intervention: J. Gielen (BE)

Potential Conflict of Interest Disclosures

It is the policy of the European Society of Musculoskeletal Radiology to ensure balance, independence, objectivity, and scientific rigour in the congress programme. Knowledge of possible relationships with sponsors of any kind is mandatory in order to reinforce the educational and scientific message and to relieve any suspicion of bias.

Any potential conflict of interest involving the organising committee should be made known so that the audience may form their own judgements about the presentation with a full disclosure of the facts. It is for the audience to determine whether the presenter's external interest may reflect a possible bias in either the work carried out or the conclusions presented.

A. Grainger: GE Healthcare, Siemens

D. King: Stryker

INVITED FACULTY

- | | | |
|----------------------------------|--------------------------------|-------------------------|
| J. Adams, Manchester/UK | J. Kramer, Linz/AT | J. Vilanova, Girona/ES |
| G. Allen, Oxford/UK | C. Krestan, Vienna/AT | M. Weber, Heidelberg/DE |
| R. Arkun, Izmir/TR | T. Le Coroller, Marseille/FR | M. Wick, Stockholm/SE |
| G. Astrom, Uppsala/SE | D. Limb, Leeds/UK | D. Wilson, Oxford/UK |
| D. Barron, Leeds/UK | T. Link, San Francisco/US | K. Wörtler, Munich/DE |
| A. Baur-Melnyk, Munich/DE | E. Llopis, Alzira/ES | M. Zanetti, Zurich/CH |
| A. Bazzocchi, Bologna/IT | M. Maas, Amsterdam/NL | |
| I. Beggs, Edinburgh/UK | V. Mascarenhas, Lisbon/PT | |
| B. Bignotti, Genoa/IT | C. McCarthy, Oxford/UK | |
| J. Bloem, Leiden/NL | E. McNally, Oxford/UK | |
| K. Bohndorf, Vienna/AT | R. Meier, Munich/DE | |
| R. Campbell, Liverpool/UK | C. Messina, Milan/IT | |
| J. Carrino, Baltimore/US | F. Miese, Dusseldorf/DE | |
| V. Cassar-Pullicino, Oswestry/UK | W. Morrison, Philadelphia/US | |
| A. Cotten, Lille/FR | I. Nöbauer-Huhmann, Vienna/AT | |
| M. Court Payen, Frederiksberg/DK | P. O'Connor, Leeds/UK | |
| M. de Jonge, Amsterdam/NL | P. O'Donnell, Stanmore/UK | |
| T. Dietrich, Zurich/CH | S. Orguc, Istanbul/TR | |
| E. Drakonaki, Heraklion/GR | S. Ostlere, Oxford/UK | |
| J. Drape, Paris/FR | M. Padron, Madrid/ES | |
| N. Egund, Aarhus/DK | J. Patsch, Vienna/AT | |
| M. Epermane, Riga/LV | P. Peetrons, Brussels/BE | |
| I. Eshed, Ramat Gan/IL | W. Peh, Singapore/SG | |
| L. Funk, Manchester/UK | C. Pfirrmann, Zurich/CH | |
| J. Gielen, Antwerp/BE | A. Plagou, Athens/GR | |
| C. Glaser, Munich/DE | J. Rankine, Leeds/UK | |
| A. Grainger, Leeds/UK | M. Reijnerse, Leiden/NL | |
| R. Green, Stanmore/UK | W. Rennie, Leicester/UK | |
| C. Groves, Bradford/UK | P. Robinson, Leeds/UK | |
| G. Guglielmi, Foglia/IT | K. Rosendahl, Bergen/NO | |
| H. Gupta, Leeds/UK | E. Rowbotham, Leeds/UK | |
| J. Healy, London/UK | L. Sconfienza, Milan/IT | |
| A. Heuck, Munich/DE | M. Shahabpour, Brussels/BE | |
| A. Hirschmann, Therwil/CH | D. Silver, Exeter/UK | |
| R. Hodgson, Manchester/UK | L. Steinbach, San Francisco/US | |
| M. Hopper, Cambridge/UK | I. Sudol-Szopinska, Warsaw/PL | |
| J. Jacobson, Ann Arbor/US | A. Tagliafico, Genoa/IT | |
| S. James, Leeds/UK | M. Taljanovic, Tucson/US | |
| L. Jans, Dendermonde/BE | J. Teh, Oxford/UK | |
| P. Jungmann, Munich/DE | N. Theumann, Lausanne/CH | |
| A. Jurik, Aarhus/DK | P. Tyrrell, Shropshire/UK | |
| F. Kainberger, Vienna/AT | H. Umans, New York/US | |
| A. Karantanas, Heraklion/GR | F. Vanhoenacker, Antwerp/BE | |
| D. King, York/UK | K. Verstraete, Gent/BE | |



PROGRAMME OVERVIEW

THURSDAY, JUNE 18, 2015

Room 1	Industry Hands-on Rooms
12:00 Anatomy Demonstrations	
12:15	
12:30	
12:45	
13:00	
13:15 Coffee Break	
13:30 Video Demonstrations	Hands-On Demonstrations
13:45	
14:00 ① ② ③	④ ⑤ ⑥
14:15	
14:30 Video Demonstrations	Hands-On Demonstrations
14:45	
15:00 ④ ⑤ ⑥	① ② ③
15:15	
15:30	
15:45 Rapid Fire Lectures	
16:00	
16:15	
16:30	
16:45	
17:00	
17:15	
17:30	
17:45	
18:00	

The floor plan illustrates the layout of the venue. Room 1 is a large rectangular space located at the top left. Below it, there is a corridor with two doors leading to smaller rooms. The room on the left is labeled "HANDS-ON" with circles containing numbers ① and ④. The room on the right is also labeled "HANDS-ON" with circles containing numbers ② and ⑤. The overall layout shows a flow from Room 1 down through the corridor to the hands-on areas.

FRIDAY, JUNE 19, 2015

	Room 1	Room 2
08:00		
08:15		
08:30	Shoulder:	
08:45	Rotator Cuff	
09:00		
09:15		
09:30		
09:45		
10:00		
10:15		
10:30	Coffee Break	
10:45		
11:00	Scientific Paper Session:	
11:15	Sports	Scientific Paper Session:
11:30		Tumours
11:45		
12:00		
12:15		
12:30	Industry-sponsored	
12:45	Symposium	
13:00		
13:15		
13:30	Welcome & Honorary Presentations	
13:45		
14:00	Shoulder:	
14:15	How I do it	Tumours
14:30		
14:45		
15:00		
15:15	Coffee Break	
15:30		
15:45	Scientific Paper Session:	
16:00	Arthritis	Scientific Paper Session:
16:15		Lower Limb
16:30	Shoulder:	
16:45	Articular Disease & Tumours	Metabolic
17:00		
17:15		
17:30		
17:45		
18:00		
18:15		
18:30		
18:45		
19:00		

**SATURDAY, JUNE 20, 2015**

	Room 1	Room 2
08:00		
08:15		
08:30	Shoulder:	
08:45	Instability	Arthritis
09:00		
09:15		
09:30		
09:45		
10:00		
10:15		
10:30	Coffee Break	
10:45		
11:00	Technology and Techniques	
11:15		
11:30		
11:45		
12:00		
12:15		
12:30	Lunch Break	
12:45		
13:00		
13:15		
13:30	Scientific Paper Session:	
13:45	Shoulder	Scientific Paper Session: Spine & Intervention
14:00		
14:15		
14:30		
14:45	Shoulder:	
15:00	Trauma & Small Joints	Sports Rapid Fire: Lower Limb Impingement
15:15		
15:30		
15:45		
16:00		
16:15	Coffee Break	
16:30	QUIZ Session	
16:45		
17:00		
17:15		
17:30		
17:45	ESSR GENERAL ASSEMBLY	
18:00		
18:15		
18:30		
18:45		
19:00		

PROGRAMME

THURSDAY, JUNE 18, 2015

12:00–13:10 Anatomy Demonstrations

Room 1

- | | |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12:00 | Introduction
P. O'Connor, Leeds/UK |
| 12:10 | Basic examination technique and ultrasound anatomy of the shoulder
A. Grainger, Leeds/UK (Lecture)
P. Peetrons, Brussels/BE (Demonstration) |
| 12:40 | Advanced examination technique and ultrasound anatomy of the shoulder
R. Campbell, Liverpool/UK (Lecture)
A. Tagliafico, Genoa/IT (Demonstration) |

13:30–15:30 Video Presentations (alternating with Hands-On Demonstrations)

Room 1

- | | |
|---------------|----------------------------------------------------------------------------------------|
| 13:30 & 14:30 | Dynamic maneuvers in the ultrasound assessment of the shoulder
A. Plagou, Athens/GR |
| 13:50 & 14:50 | Injection techniques for the shoulder and ACJ
G. Allen, Oxford/UK |
| 14:10 & 15:10 | Barbotage of the shoulder: How I do it
L. Sconfienza, Milan/IT |

15:45–17:00 Rapid Fire Lectures

Room 1

- | | |
|-------|--------------------------------------------------------------------------------------------------------------------------|
| 15:45 | Ultrasound diagnosis of cuff tears. How good or bad should we be?
I. Beggs, Edinburgh/UK |
| 16:00 | Ultrasound diagnosis of cuff tears
M. Court Payen, Frederiksberg/DK |
| 16:15 | The acromioclavicular joint: Ultrasound diagnosis of pathology and intervention
E. Drakonaki, Heraklion/GR |
| 16:30 | The long head of biceps: A primary cause of pathology or just a sign of problems elsewhere?
J. Jacobson, Ann Arbor/US |
| 16:45 | Nerve lesions around the shoulder
B. Bignotti, Genoa/IT |

**FRIDAY, JUNE 19, 2015****08:30-10:30 Shoulder: Rotator Cuff***P. Robinson, Leeds/UK; M. Zanetti, Zurich/CH***Room 1**

- 08:30 **Surgical anatomy of the rotator cuff**
L. Funk, Manchester/UK
- 08:50 **Radiological anatomy of the rotator cuff**
N. Theumann, Lausanne/CH
- 09:10 **Impingement**
K. Wörtler, Munich/DE
- 09:30 **Imaging the rotator cuff tear**
J. Teh, Oxford/UK
- 09:50 **The rotator interval: What does it look like & why does it matter?**
C. Pfirrmann, Zurich/CH
- 10:10 **Imaging after rotator cuff repair**
J. Jacobson, Ann Arbor/US

08:30-10:30 Trauma: How I do it*P. Tyrrell, Shropshire/UK; J.L. Drape, Paris/FR***Room 2**

- 08:30 **Clearing the cervical spine**
M. Epermane, Riga/LV
- 08:50 **Reporting pelvic fractures**
M. de Jonge, Amsterdam/NL
- 09:10 **Reporting acetabular fractures**
W. Rennie, Leicester/UK
- 09:30 **Fractures of the thoracic & lumbar spine**
G. Astrom, Uppsala/SE
- 09:50 **Identifying scaphoid avascular necrosis**
M. Maas, Amsterdam/NL
- 10:10 **Reporting bone trauma in the foot**
H. Umans, New York/US

11:00-12:10 Scientific Paper Session: Sports*C. Groves, Bradford/UK; M. Shahabpour, Brussels/BE***Room 1**

- 11:00 **Anatomy of Medial collateral ligament (MCL) of elbow: Differences between non-athlete volunteers and professional baseball players.**
Y. Kobashi, Chiba/JP
- 11:08 **MRI in the Evaluation of Acute Injuries in Professional Football**
G. Noe, London/UK
- 11:16 **No longer bundle structure of anterior cruciate ligament? –
Ribbon like anatomy of the ACL on CT and MRI**
B. Ciszkowska-Lyson, Warszawa/PL
- 11:24 **The popliteal fibular ligament in acute knee trauma: Patterns of injury on MR imaging.**
D. McKean, Oxford/UK
- 11:32 **Medial meniscus tear and incidence of medial collateral ligament activation**
V. Vasilevska Nikodinovska, Skopje/MK
- 11:40 **Correlation of patella-quadriceps tendon angle and Patellar tendon-patella ratio in patients with suprapatellar fat pad impingement syndrome**
M. Bankaoglu, Istanbul/TR

- 11:48 Distal tibiofibular syndesmotic injury: The relationship between MRI findings, initial clinical assessment and return to play in elite rugby and football players.
 R.D. Pearce, London/UK
- 11:54 Pseudo-Impingement of the Rotator Cuff with Strength-Training
 H.N. Choudur, Hamilton/CA
- 12:02 Prognostic utility of MRI in juvenile soccer players' spondylolysis.
 R.M. Rodrigo del Solar, Bilbao/ES

11:00–12:10 Scientific Paper Session: Tumours

Room 2

J. Bloem, Leiden/NL; M. Reijntjes, Leiden/NL

- 11:00 The Impact of Ultrasound in an Integrated One-Stop Sarcoma Clinic
 A. Karsandas, Newcastle upon Tyne/UK
- 11:08 Diffusion Weighted Imaging in Characterization of Bone Tumors
 S.L. Juvekar, Mumbai, Maharashtra/IN
- 11:16 MR imaging of tenosynovial giant cell tumor: Additional value of a T2*-weighted gradient echo sequence
 M. Catalano, Naples/IT
- 11:24 Acral myxoinflammatory fibroblastic Sarcoma – Review of 28 cases with MRI findings
 R. Kumar, Houston/US
- 11:32 The early experience of a regional radiologist-led diagnostic clinic for suspected soft tissue arcoma.
 E. Sellon, Brighton/UK
- 11:40 Long term outcome and efficacy of microwave ablation therapy in patients with bone and soft-tissue malignant tumors: A prospective study
 S. Aubry, Besancon/FR
- 11:48 Malignant round cell tumour: Role of In-opposed phase in post therapeutic prognosis
 W.M. Amin, Alexandria/EG
- 11:54 Bone biopsy using an optical navigation system and comparison to fluoroscopic guidance
 T. Geith, Munich/DE
- 12:02 Ultrasound Guided Core Biopsies of Soft Tissue Tumours: Analysis from Tertiary Centre
 S. Gaba, Leicester/UK

12:30–13:30 Industry-sponsored Lunch Symposium

Room 1

- 12:30 Advanced 4D Orthopedic with 320-row CT
 P. Teixeira, Nancy/FR
- 12:50 Superb Microvascular Ultrasound Imaging (SMI): Better visualization of low-grade inflammation of joints and tendons
 A. Lim, London/UK
- 13:10 Ultrasound Scanning Strategies for the Shoulder: A live demonstration session
 P. de Villiers, London/UK

13:30–14:00 Welcome & Honorary Presentations

Room 1



**14:00–15:15 Shoulder: How I do it**

D. Wilson, Oxford/UK; J. Gielen, Antwerp/BE

Room 1

- 14:00 Adhesive capsulitis: Making the diagnosis
P. O'Connor, Leeds/UK
- 14:15 Adhesive capsulitis: How I treat it?
D. Silver, Exeter/UK
- 14:30 Calcific tendinopathy: How I treat it?
P. Peetrons, Brussels/BE
- 14:45 MR arthrography: Do we still need it?
S. James, Leeds/UK
- 15:00 Shoulder MR arthrography: Alternative positioning
E. Llopis, Alzira/ES

14:00–15:15 Tumours

I.M. Nöbauer-Huhmann, Vienna/AT; D. King, York/UK

Room 2

- 14:00 The new 2013 WHO classification – What do I need to know?
J.C. Vilanova, Girona/ES
- 14:15 Back to basics: Haematoma or Tumour
S. Orguc, Istanbul/TR
- 14:30 Assessing neurovascular invasion with MRI
P. Jungmann, Munich/DE
- 14:45 Functional MRI: Do we need it and what does it add?
J. Bloem, Leiden/NL
- 15:00 PET MR – the holy grail?
M.A. Weber, Heidelberg/DE

15:40–16:30 Scientific Paper Session: Arthritis

F. Kainberger, Vienna/AT; T. Link, San Francisco/US

Room 1

- 15:40 Optimizing the MRI protocol of the sacroiliac joints in Spondylarthritis: Which para-axial sequence should be used?
C. Giraudo, Vienna/AT
- 15:50 T2 mapping of the sacroiliac joints at 3T: Initial results
G. Lefebvre, Lille/FR
- 16:00 US joint involvement of the hand and wrist in asymptomatic patients with systemic lupus erythematosus
C.A.S. Ruano, Lisbon/PT
- 16:10 Diagnostic Accuracy of Ultrasound, X-Rays and Synovial Fluid in the Diagnosis of Calcium Pyrophosphate Dihydrate Deposition Disease.
L.M. Sconfienza, Milan/IT
- 16:20 Vertebral involvement in SAPHO syndrome: A follow-up study of 13 cases using MR imaging.
E. Dodré, Lille/FR

15:40–16:30 Scientific Paper Session: Lower Limb

Room 2

A. Cotten, Paris/FR; A. Tagliafico, Genoa/IT

-
- | | |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15:40 | A novel semi-quantitative scoring proforma in the assessment of radiological resolution of the acute diabetic Charcot foot
R. Ramnarine, London/UK |
| 15:50 | Is it possible to evaluate acetabular version of the hip based on 3D reconstructions of biplanar radiographs? A feasibility study with comparison to conventional radiographs and CT
M. Jonczy, Zurich/CH |
| 16:00 | Computed Tomography hip arthrography as a substitute to MRI in patients with hip arthroplasty and gluteus medius insufficiency
H. Banitalebi, Lorenskog/NO |
| 16:10 | B-mode ultrasound and ShearWave Elastography provides a reliable method to analyse spastic gastrocnemius medialis muscle architecture and viscoelastic properties at rest
S. Aubry, Besancon/FR |

16:30–18:00 Shoulder: Articular Disease & Tumours

Room 1

P. O'Donnell, Stanmore/UK; K. Verstraete, Gent/BE

-
- | | |
|-------|----------------------------------------------------------------------------------------------------|
| 16:30 | Tumor and tumorlike conditions involving the shoulder joint
F. Vanhoenacker, Antwerp/BE |
| 16:45 | Paralabral cysts and other tumour like conditions
I. Beggs, Edinburgh/UK |
| 17:00 | Brachial plexus tumours
A. Tagliafico, Genoa/IT |
| 17:15 | Post tumour treatment appearances
J. Bloem, Leiden/NL |
| 17:30 | Milwaukee shoulder and cuff arthropathy: All you need to know
V. Cassar-Pullincino, Oswestry/UK |
| 17:45 | Nerve entrapment in the shoulder and elbow
M. Reijnierse, Leiden/NL |

16:30–18:00 Metabolic

Room 2

G. Guglielmi, Foggia/IT; C. Messina, Milan/IT

-
- | | |
|-------|----------------------------------------------------------------|
| 16:30 | Bone strength and bone marrow status
J.M. Patsch, Vienna/AT |
| 16:50 | Tumor induced osteomalacia
J. Adams, Manchester/UK |
| 17:10 | Atypical fractures of the femur
C. Krestan, Vienna/AT |
| 17:30 | Reflex sympathetic osteodystrophy
A. Bazzocchi, Bologna/IT |
| 17:50 | Discussion |

**SATURDAY, JUNE 20, 2015****08:30-10:30 Shoulder: Instability***A. Grainger, Leeds/UK; R. Arkun, Izmir/TR***Room 1**

-
- 08:30 **Normal radiological anatomy**
M. Padron, Madrid/ES
- 08:50 **Mechanisms of dislocation**
K. Bohndorf, Vienna/AT
- 09:10 **Imaging traumatic instability**
L. Steinbach, San Francisco/US
- 09:30 **Superior labral pathology: How I report it**
E. McNally, Oxford/UK
- 09:50 **Microinstability and internal impingement**
M. Zanetti, Zurich/CH
- 10:10 **Imaging following shoulder stabilisation**
R. Campbell, Liverpool/UK

08:30-10:30 Arthritis*I. Sudol-Szopinska, Warsaw/PL; A.-G. Jurik, Aarhus/DK***Room 2**

-
- 08:30 **Instability of the wrist in arthritis**
V. Mascarenhas, Lisbon/PT
- 08:40 **A crash course in paediatric arthritis imaging**
L. Jans, Dendermonde/BE
- 08:50 **Differential diagnosis of bone marrow edema of the knee**
M. Wick, Stockholm/SE
- 09:00 **How to differentiate RA from OA on conventional radiographs**
R. Meier, Munich/DE
- 09:10 **Arthritis or OA of the hip joint?**
N. Egund, Aarhus/DK
- 09:20 **When can US influence clinical decisions in rheumatology?**
A. Plagou, Athens/GR
- 09:30 **Spondyloarthropathies: How to instigate an efficient imaging strategy**
F. Kainberger, Vienna/AT
- 09:40 **MRI of synovial disease**
I. Eshed, Ramat Gan/IL
- 09:50 **Enthesitis in peripheral SpA: A diagnostic dilemma**
I. Sudol-Szopinska, Warsaw/PL
- 10:00 **PET MRI and PET CT for arthritis**
F. Miese, Dusseldorf/DE
- 10:10 **Misleading features of gout**
A. Cotten, Lille/FR
- 10:20 **Discussion**

11:00–12:30 Technology and Techniques

H. Umans, New York/US; E. Rowbotham, Leeds/UK

Room 1

- 11:00 MR neurography: How I do it
J. Carrino, Baltimore/US
- 11:15 Diffusion weighted MRI: How does it help?
A. Baur-Melnyk, Munich/DE
- 11:25 Optimising MRI for metal
R. Hodgson, Manchester/UK
- 11:35 CT arthrography
T. Le Coroller, Marseille/FR
- 11:45 Optimising CT for metal
T. Dietrich, Zurich/CH
- 11:55 US contrast in MSK?
L. Sconfienza, Milan/IT
- 12:05 Glenohumeral injections: How I do it
C. McCarthy, Oxford/UK
- 12:15 Optimising MRI for small joints
A. Hirschmann, Therwil/CH

11:00–12:30 Scientific Paper Session: Spine & Intervention

H. Gupta, Leeds/UK; M. Taljanovich, Tucson/US

Room 2

- 11:00 Is there a Difference in Treatment Outcomes between Epidural Injection Patients receiving Particulate versus non Particulate Steroids?
S. Bensler, Zurich/CH
- 11:10 DWI for suspicion of spondylodiscitis in early stage – a prospective study
S. Boudabbous, Geneva/CH
- 11:20 The short term outcome of Balloon Kyphoplasty procedure from a single surgeon series
O. Asaad, Gillingham/UK
- 11:30 Safety and efficacy of microwave ablation therapy in patients with osteoid osteomas: A prospective study
S. Aubry, Besancon/FR
- 11:40 Physiological background of diffusionweighted MRI in acute malignant and benign vertebral body fractures: ADC in correlation with quantitative perfusion MRI
T. Geith, Munich/DE
- 11:50 The role of Magnetic Resonance and Diffusion-Weighted Imaging in Posttreatment Follow-Up of Brucella Sacroiliitis
H.T. Sanal, Ankara/TR
- 12:00 Twelve-year follow up after rf ablation in patients with osteoid osteoma. Risk and complications.
G. Skouroumouni, Thessaloniki/GR
- 12:10 Percutaneous cryoablation for the treatment of osteoid osteoma.
T. Le Coroller, Marseille/FR
- 12:20 Percutaneous vertebroplasty for pain reduction in patients with adult degenerative scoliosis: clinical experience and results
D. Filippiadis, Marousi-Athens/GR

**13:30-14:40 Scientific Paper Session: Shoulder***C. McCarthy, Oxford/UK; W. Morrison, Philadelphia/US***Room 1**

- 13:30 Association of Increased Uptake at the Rotator Interval or Inferior Capsule of Shoulder on 18F-FDG PET/CT with Adhesive Capsulitis
B. Amini, Houston/US
- 13:40 The predictive value of shoulder ganglion cysts for rotator cuff disease and labral tears: A systematic review and quantitative analysis of the literature
M. Siebachmeyer, London/UK
- 13:50 European Guidelines for Shoulder Musculoskeletal Ultrasound: Are they applied in Italian clinical practice?
L.M. Sconfienza, Milan/IT
- 14:00 Thickening of the inferior glenohumeral capsule: An ultrasound sign for shoulder capsular contracture
P. Michelin, Rouen/FR
- 14:10 Hybrid Single-Photon Emission Computed Tomography with CT In Identifying Post Shoulder Arthroplasty Complications: A District General Hospital Experience.
M.A. Shah, London/UK
- 14:20 Humeral Head Cysts: An MR imaging study on incidence and correlation with underlying pathology
E. Vassalou, Heraklion, Crete/GR

13:30-14:40 Scientific Paper Session: Trauma*D. Barron, Leeds/UK; J. Kramer, Linz/AT***Room 2**

- 13:30 Diagnostic Accuracy and Time Efficiency of automatically unfolded CT Rib Reformations in Acute Thoracic Trauma
M. Notohamiprodjo, Tuebingen/DE
- 13:40 Unexpected findings on major trauma reporting and its follow up: Results from Level I major trauma centre in UK.
J. Kumaraguru, London/UK
- 13:50 MRI detected maternal pelvic ring injuries after first childbirth in asymptomatic women
C. Brandon, Ann Arbor, MI/US
- 14:00 Underdiagnosis of osteoporotic vertebral fractures: a missed opportunity in preventing hip fractures
R. Mitchell, Oxford/UK
- 14:10 Evaluation of STIR and T2 FAT SAT in bone bruise imaging in occult scaphoid fracture
D. Radev, Hellerup/DK
- 14:20 Investigating occult hip fractures using Multi Detector CT: our experience
R.W. Thomas, Cardiff/UK

14:40–16:10 Shoulder: Trauma & Small Joints

R. Green, Stanmore/UK; J. Rankine, Leeds/UK

Room 1

- 14:40 Shoulder arthroplasty: What goes in and what should it look like?
D. Limb, Leeds/UK
- 14:55 Fractures of the proximal humerus: How I report them
M. Hopper, Cambridge/UK
- 15:15 Paediatric shoulder trauma
K. Rosendahl, Bergen/NO
- 15:35 Imaging the acromioclavicular joint
W. Peh, Singapore/SG
- 15:50 Imaging brachial plexus trauma
J. Rankine, Leeds/UK

14:40–16:10 Sports Rapid Fire: Lower Limb Impingement

M. Shahabpour, Brussels/BE; M. Padron, Madrid/ES

Room 2

- 14:40 Roof impingement of the ACL
A. Heuck, Munich/DE
- 14:50 Hip: Cam impingement
J. Healy, London/UK
- 15:00 Hip: Pincer impingement
J. Kramer, Linz/AT
- 15:10 Ischiofemoral impingement
S. Ostlere, Oxford/UK
- 15:20 Anterior ankle impingement
M. Shahabpour, Brussels/BE
- 15:30 Posterior and postero-medial ankle impingement
Ch. Glaser, Munich/DE
- 15:40 Extra-articular lateral ankle impingement
A. Karantanas, Heraklion/GR
- 15:50 Impingement of Hoffa's fat pad
M. de Jonge, Amsterdam/NL
- 16:00 Discussion

16:30–17:30 QUIZ Session

R. Whitehouse, Manchester/UK

Room 1



Two ESSR teams will compete against each other in a challenging quiz session.

17:40–18:40 ESSR GENERAL ASSEMBLY

Room 1

SCIENTIFIC POSTERS

- P-0001** Symptoms and complications of Osteochondroma
Y. Kobashi¹, A. Baba², Y. Nozawa¹, S. Yamazoe¹, Y. Teramura³, T. Mogami¹; ¹Chiba/JP, ²Tokyo/JP, ³Tokorozawashi/JP
-
- P-0002** Evaluation of diagnostic confidence ratings by rheumatologists during the implementation of dual energy computed tomography for gout
M. van Wissen¹, M. Starmans-Kool¹, S. Bours², R. Peeters¹, M. Adriaensen¹; ¹Heerlen/NL, ²Maastricht/NL
-
- P-0004** Traumatic Ankle Injury – Adequacy of Clinical Information with Reference to the Ottawa Ankle Rules in a Teaching Hospital
A. Koo, R. Aziz; Leeds/UK
-
- P-0006** MR imaging of the normal anterolateral knee ligament with a T2/T1-w 3D sequence: a feasibility study
E. Vassalou¹, M. Klontzas¹, T. Maris¹, A. Zibis², A.H.H. Karantanas¹; ¹Heraklion, Crete/GR, ²Larissa/GR
-
- P-0007** Acromiohumeral Interval and Moloney's line of the shoulder – a more rigorous approach to the rotator cuff on plain radiography?
H.G. Whiteley-Jones, O. Duxbury, D. Yu; Brighton/UK
-
- P-0009** Post Processing of Dynamic CT of the Musculoskeletal System: Clinical Experience with 4D Ortho Application
P. Gondim Teixeira, A.-S. Formery, A. Blum; Nancy/FR
-
- P-0011** The contribution of hybrid single photon-emission computed tomography and CT (SPECT-CT) over conventional CT for diagnosis of foot and ankle disorders – our initial experience.
P. Patel¹, A. Pushparajasekaran¹, C. Fowler²; ¹Luton & Dunstable University Hospital/UK, ²Harefield Hospital, Royal Brompton and Harefield NHS Foundation Trust/UK
-
- P-0013** Review of Emergency Department Ankle X-ray Requests: are the rules being followed and how useful are they?
C. Watura, S. Odum; Bristol/UK
-
- P-0016** Local experience of out of hours MR imaging for suspected spinal cord and cauda equina compression in large university hospital trust – impact on the on-call radiology registrar
G. Retnasingam, S. Lee, R.J. Bhatt; Leicester/UK
-
- P-0017** Prevalence and location of intra-articular osteoid osteoma in the database of the Netherlands Committee on Bone Tumours
S.A.J. ter Horst¹, H.M. Kroon²; ¹Rotterdam/NL, ²Leiden/NL
-
- P-0018** Musculoskeletal Ultrasound Teaching in First Year Medical School – Lessons Learnt
G. Tan; Singapore/SG
-
- P-0019** Quantitative analysis of Posterior Scaphoid Displacement on CT in Patients with Scapholunate Ligament Tears
P. Gondim Teixeira¹, J. Deverbizier¹, S. Aptel², A. Raymond¹, A. Blum¹; ¹Nancy/FR, ²Ludres/FR
-
- P-0020** Follow-up imaging assessment of osteoid osteoma after a CT-guided radiofrequency ablation
Y. Teramura¹, Y. Kobashi²; ¹Tokorozawa/JP, ²Chiba/JP
-
- P-0021** Comparison of outcome from 5ml or 10ml triamcinolone and lignocaine mixtures for ultrasound-guided subacromial subdeltoid bursal injections
J. Davidson, S. Jayaraman; Auckland/NZ
-
- P-0022** MRI of Tarsal Coalition
M. Mustapic¹, R. Vukojevic¹, T. Rihtar¹, I. Boric²; ¹Zagreb/HR, ²Zabok/HR
-
- P-0024** Tendon Pathology in Renal Transplant Recipients
M. Mustapic¹, N. Basic Jukic¹, I. Boric², K. Viskovic¹; ¹Zagreb/HR, ²Zabok/HR
-
- P-0025** Emergency imaging for suspected Spinal Cord Compression or Cauda Equina Syndrome – Are we doing enough?
S. Lee, G. Retnasingam, R.J. Bhatt; Leicester/UK
-
- P-0026** Alternative Measurements to the Alpha Angle for Quantifying Cam-type Deformities in Femoroacetabular Impingement
C. Ehrmann, A. Rosskopf, C.W.A. Pfirrmann, R. Sutter; Zurich/CH
-
- P-0027** Prevalence and Distribution of Sesamoid Bones of the Hand. A Radiographic Study in Chinese population of Singapore
P. Mundada, A. Sarita, R.P. Jeyaratnam; Singapore/SG



- P-0028 MRI of Anterior Knee Pain**
M. Mustapic¹, I. Boric², D. Marjan¹, Z. Brnic¹; ¹Zagreb/HR, ²Zabok/HR
- P-0030 The role of diagnostic imaging in the prevention of sport traumas**
S. Giannini¹, G. Boni²; ¹Rome/IT, ²Foligno/IT
- P-0031 The role of ultrasound in shoulder magnetic resonance arthrogram: a guide for injection but not only**
M. De Dea; Agordo/IT
- P-0032 A case of sciatic nerve schwannoma mimicking lumbar radiculopathy**
A. Rigopoulou, V. Panagiotopoulos, P. Kraniotis, T. Petsas, E. Chroni, E. Solomou; Patras/GR
- P-0033 The role of ultrasound examination in exploring the morphology and variations of median nerve course in patients with carpal tunnel syndrome**
E. Gavanozi, A. Rigopoulou, D. Veltsista, A. Chrysanthopoulou, E. Chroni; Patras/GR
- P-0034 Underdiagnosis of osteoporotic vertebral fractures: a missed opportunity in preventing hip fractures**
P. Jewell, R. Mitchell, S. Ostlere, K. Javaid; Oxford/UK
- P-0038 A preliminary evaluation of the Aber position in clinostatic MRI and weight bearing MRI in athletes.
Are results useful?**
S. Giannini¹, G. Boni²; ¹Rome/IT, ²Foligno/IT
- P-0042 Occult Intertrochanteric Extension in Isolated Greater Trochanteric Fracture on Plain Radiographs**
W.Y. Wong, P.Y. Chu, S.W.C. Chan, T.W. Yeung, M.K. Yuen; Hong Kong/HK
- P-0043 Magnetic Resonance Imaging Characteristics of Localized Giant Cell Tumor of Tendon Sheath in the Hands**
P.Y. Chu¹, J.P.K. Tsang¹, W.Y. Wong¹, S.W.C. Chan¹, K.W. NG¹, M.K. Yuen²; ¹Hong Kong/HK, ²New Territories/HK
- P-0046 A new technique for therapeutic arthrography for frozen shoulder: a review of 20 cases**
S. Grijseels¹, F. Handelberg², L. Fabeck², S. Alard²; ¹Jette/BE, ²Brussels/BE
- P-0048 Calcifying tendinitis of the rotator cuff with cortical erosion and intraosseus migration: the importance of its recognition**
J. Martel Villagrán¹, M.C. Pardo Souto², Á. Bueno Horcajadas³, S. Martin Martin⁴, M. Gil⁵; ¹Madrid/ES, ²Ferrol/ES, ³Alcorcon/ES, ⁴Palma de Mallorca/ES, ⁵Lérida/ES
- P-0049 US joint involvement of the hand and wrist in asymptomatic patients with systemic lupus erythematosus**
C.A.S. Ruano, R. Malheiro, J. Oliveira, A. Llado, S. Pinheiro, M.F. Moraes-Fontes, L. Vieira; Lisbon/PT
- P-0050 Abnormalities observed by ultrasonography in asymptomatic volunteers**
S. Grijseels¹, M. Kichouh², C.G. Boulet², M. De Maeseneer², J. de Mey²; ¹Jette/BE, ²Brussels/BE
- P-0051 Radiographic Signs Predicting Rotator Cuff Tears**
J.J. van der Reijden¹, M. van den Bekerom², M. Somford³, J. Doornberg², M. van den Borne⁴; ¹Deventer/NL, ²Amsterdam/NL, ³Zwolle/NL, ⁴Breda/NL
- P-0053 Under-reporting of the severity of osteoarthritis on primary care-referred radiographs by non musculoskeletal radiologists**
J.A. Ferrier¹, E. Rowbotham¹, M. Mcleery², P. Robinson¹; ¹Leeds/UK, ²Glasgow/UK
- P-0054 Magnetic technology in assessing proximal nerves segments in chronic inflammatory demyelinating polyneuropathy**
D. Veltsista, A. Rigopoulou, E. Gavanozi, E. Chroni, E. Solomou; Patras/GR
- P-0056 The patellofemoral joint- an underreported joint in MRI knee**
A. Shah¹, R. Botchu²; ¹Leicester/UK, ²Kettering/UK
- P-0058 MDCT assessment of proximal humeral fracture according to the updated classification system**
A. Balanika, C. Baltas, S. Theocharakis, I. Kassos, G. Triantafyllidou, E. Drakoulakis, G. Hesketh, G. Galani; Athens/GR
- P-0060 Osteoporosis Prevention: How to cope without a fracture liaison service**
N. Shangwa, C. Groves; Bradford/UK
- P-0061 Implementing Kolb's Theory by Utilising Ultrasound Imaging as an Integrated Tool for Learning Musculoskeletal Anatomy During Undergraduate Training**
K. Rangarajan¹, A. Koo²; ¹Basingstoke/UK, ²Leeds, West Yorkshire/UK

- P-0064** The value of Dixon Imaging for Evaluating Articular Cartilage Defects in the Knee Joint on Open MRI
O. Mansour; Tehran/IR
-
- P-0066** Variant origin of the bifurcated long head of biceps tendon - the case for supraspinatus
H. Madani¹, C.G. Boulet², M. Kichouh², M. Shahabpour², M. De Maeseneer²; ¹London/UK, ²Brussels/BE
-
- P-0067** Quality of knee MR imaging
Z. Al-Ani¹, N. Joshi¹, N. Desai²; ¹Manchester/UK, ²Sale, Cheshire/UK
-
- P-0069** Incidence of iliotibial band friction and Baker's cyst in cases with isolated medial compartment knee osteoarthritis
V. Vasilevska Nikodinovska¹, A. Stäbler²; ¹Skopje/MK, ²Munich/DE
-
- P-0070** MRI assessment of patellar cartilage degeneration and evaluation of predisposing factors in patients with no history of recurrent patellar dislocation
N. Sabir¹, B. Tanrıverdi¹, E. Karaman¹, R. Arkun²; ¹Denizli/TR, ²Izmir/TR
-
- P-0071** Delayed Gadolinium-enhanced MRI of Cartilage and T2 mapping at the wrist: Feasibility and clinical application
C. Rehnitz, B. Klaan, M.-A. Weber; Heidelberg/DE
-
- P-0074** Comparison of whole-body low-dose computed tomography (WBLDCT) and skeletal survey with x-rays in the detection of bone lesions in patients with multiple myeloma
A.M. Athanasakos, S. Grigoriadis, S. Argentos, M. Stamouli, S. Kordolemi, N. Oikonomopoulos, S. Papageorgiou, N.L. Kelekis, O. Papakonstantinou; Athens/GR
-
- P-0080** Ultrasound-guided sub-acromial bursal injections – outcome at 6 weeks
M. Jafari, E. Rowbotham, A. Grainger, P. Robinson; Leeds/UK
-
- P-0081** A common sport causing an uncommon injury: Isolated avulsion fracture of the medial head of the gastrocnemius muscle during standing broad jump
P. Mundada, T. Shimp, E.S. Mahmoud, E.-L.H.J. Teo; Singapore/SG
-
- P-0082** Evaluation of patients deemed appropriate for local management via the regional sarcoma multi-disciplinary team
B. Pass¹, D. King², K. Kingston²; ¹Leeds/UK, ²York/UK
-
- P-0083** MRI detected maternal pelvic ring injuries after first childbirth in asymptomatic women
C. Brandon, J.A. Jacobson, J. Miller, L. Kane Low, R. Zielinski, J. Delancey; Ann Arbor, MI/US
-
- P-0087** Two year follow up after rf ablation in eosinophilic granuloma and bony giant cell tumor
A. Bintoudi, K. Papavasiliou, G. Skouroumouni, A. Theodorakopoulos, I. Tsitouridis; Thessaloniki/GR
-
- P-0090** Volumetric changes of hamstring muscles after exercise in patients with Pompe disease
S. Hetenyi¹, S. Nagy², F. Horváth², K. Tóth³, M. Váczí², Z. Illés⁴, P. Bogner²; ¹Barcelona/ES, ²Pecs/HU, ³Kaposvár/HU, ⁴Odense/DK
-
- P-0095** Optimal Site for Bone Graft Harvesting from the Iliac Bone
B. Batohi¹, A. Isaac¹, J. Edwin¹, A. Hussain¹, J. Kumaraguru¹, L.M. Meacock¹, R. Powell², D.A. Elias¹, J. Compson¹; ¹London/UK, ²Exeter/UK
-
- P-0101** Cancellations in Musculoskeletal interventions
S. Gaba, J. Crookdake; Leicester/UK
-
- P-0104** Learning from Discrepancies Meetings – What we've learned from Musculoskeletal Diagnostic Errors in 2014
B. Batohi, R. Chhabra, S. Vrizidou, A. Isaac, D.A. Elias; London/UK
-
- P-0105** A novel semi-quantitative scoring proforma in the assessment of radiological resolution of the acute diabetic Charcot foot
R. Ramnarine, A. Isaac, L.M. Meacock, N. Petrova, M. Edmonds, D.A. Elias; London/UK
-
- P-0107** The short term outcome of Balloon Kyphoplasty procedure from a single surgeon series
O. Asaad, W. Asaad, J. Humphrey, M. Mueller; Gillingham/UK
-
- P-0108** Abdomino-pelvic metastases from extremity myxoid liposarcoma: a retrospective review of a modified initial staging CT protocol
P. Mohaghegh¹, M. Calleja², K. Vendhan¹, C. House¹, A. Saifuddin³; ¹London/UK, ²Stanmore/UK, ³Middlesex/UK



- P-0109 The role of glenohumeral joint hydrodilatation in patients with post-surgical adhesive capsulitis-our DGH experience**
R. Singh¹, A. Gulihar¹, M.S. Gulati², B. Bhattacharjee¹, G. Constantinescu¹; ¹Dartford/UK, ²London/UK
- P-0110 Buckling of the patella tendon on Ultrasound-an aide to recognizing the more severe, post-traumatic disruption of the quadriceps tendon in the DGH setting**
A. Tindall¹, J. Smith², S. Morgan², M.S. Gulati¹, G. Constantinescu²; ¹London/UK, ²Dartford/UK
- P-0111 The undetected tarsal coalition – the case for further training and a checklist for reporting. A District General Hospital (DGH) perspective in the UK**
L. Daniels¹, P. O'Riordan¹, M. Thilagarajah¹, A. Tindall², B. Bhattacharjee¹, M.S. Gulati², G. Constantinescu¹; ¹Dartford/UK, ²London/UK
- P-0115 MRI of scapholunate ligament- comparison between direct MR arthrography and non-contrast examination with high-resolution microscopy coil**
J. Prochazkova, A. Stouracova, A. Šprláková-Puková; Brno/CZ
- P-0116 Slap on the wrist: MRI positioning can simulate pathology – first analysis in the Netherlands and review of the literature**
T. Luijkx¹, M. Maas²; ¹Amsterdam, Utrecht/NL, ²Amsterdam/NL
- P-0117 A less common cause of localized anterior shoulder pain-proximal short head of biceps and coraco-brachialis tendinopathy. Is coracoid-tip pathology under-evaluated & undetected?**
R. Singh, B. Grimmett, A. Gulihar, G. Constantinescu; Dartford/UK
- P-0118 Abnormal findings on 3T MRI during pre-season screening of elite synchronised swimmers**
N. Devic, G. Noe, R.D. Pearce, J. Lee; London/UK
- P-0122 Muscle atrophy after total hiparthroplasty in asymptomatic patients and comparison between different hiparthroplasties using a posterolateral approach**
B. de Wit¹, P. Bisseling², A. Hol², M. van Gorp², J. van Susante²; ¹Amsterdam/NL, ²Arnhem/NL
- P-0128 The effect of body mass index (BMI) on bone mineral density (BMD) and trabecular bone score (TBS)**
A. Poloni¹, C. Messina², M. Petrini³, K.C. Katia⁴, D. D'Angelo², L.M. Sconfienza², F. Sardanelli⁵; ¹Arcene/IT, ²Milan/IT, ³Rottofreno (Piacenza)/IT, ⁴Settala (MI)/IT, ⁵San Donato Milanese/IT
- P-0129 Retrospective review of radiographically occult femoral and pelvic fractures detected by MRI following low-energy trauma**
P.M. Yeap, T.B. Oliver; Dundee/UK
- P-0131 MR imaging findings of elastofibroma dorsi in correlation with pathological features**
I. Tsifountoudis¹, I. Kalaitzoglou¹, P. Papadopoulou², N. Patsinakidis³, M.D.M. Patsikas¹, M.P.A. Haritandi¹, A.S. Dimitriadis¹; ¹Thessaloniki/GR, ²Kavala/GR, ³Ptolemaida/GR
- P-0136 Palliation of Painful Bone Metastases: The „Rizzoli“ Experience**
A. Bazzocchi¹, G. Facchini¹, P. Spinnato¹, S. Donatiello², D. Diano¹, E. Rimondi¹, M. Battaglia³, U. Albisinni¹; ¹Bologna/IT, ²Modena/IT, ³San Lazzaro Di Savena (BO)/IT
- P-0139 Superolateral Hoffa's fat pad edema as an indirect sign of patello-femoral structural abnormalities, case-control study**
A.M. Refaat, A. Al-Taie, M. Khanna, O.M. Osman, S.I. Alam; Doha/QA
- P-0142 MRI signs of synovial sarcoma revisited**
A. Al-Taie, A.M. Refaat, S.I. Alam; Doha/QA
- P-0146 One-Stop Ultrasound Clinic within a Sarcoma Service: Diagnostic and Therapeutic Impact Study**
A. Self, R. Sinha, J. Tuckett, C. Gerrand, S. Murray, T. Beckingsale, G. Hide; Newcastle Upon Tyne/UK
- P-0149 Calcium pyrophosphate dihydrate deposition disease: a proposal of new ultrasonographic criteria for calcium pyrophosphate crystal identification in the joints**
L.M. Sconfienza¹, C. Messina¹, C.A. Scirè¹, M.A. Cimmino², A. Delle Sedie³, E. Filippucci⁴, A. Iagnocco⁵, G. Filippou⁶; ¹Milan/IT, ²Genoa/IT, ³Pisa/IT, ⁴Jesi/IT, ⁵Rome/IT, ⁶Siena/IT
- P-0150 Rotator cable assessment using low-field dedicated MRI: Morphological findings and pathological correlations**
C. Ottonello, V. Tempesta, P. Giuliani, A. Giardino, L. Lombardi, C. Turchetti; Rome/IT

EDUCATIONAL POSTERS

- P-0003** **Bone Marrow Oedema in the Foot: MRI Clues for Diagnosis and Characterization**
P. Melloni, M.T. Veintemillas, C. Prieto Santa Cruz, A. Marin, J.A. Escobar Ulloa, R. Valls; Sabadell/ES
-
- P-0005** **The “beauty” of symmetry – bilateral simultaneous shoulder injuries**
T. Grieser; Augsburg/DE
-
- P-0008** **Radiological follow up of suspected scaphoid fractures. A flash review of the literature**
M.K.M. Ali¹, A. Mohamed²; ¹Derby/UK, ²Darlington/UK
-
- P-0010** **Optimizing the imaging strategy for the evaluation of a painful hip prosthesis**
P. Gondim Teixeira, A. Raymond, A. Blum; Nancy/FR
-
- P-0012** **Review of imaging findings of stress fractures of pelvis and lower extremities**
E. Tavernarakis¹, V. Bizimi¹, V. Vantali¹, V. Papalouka², D. Chondros¹, O. Papakonstantinou¹; ¹Athens/GR, ²Chaidari/GR
-
- P-0014** **Lower limb swelling – a pictorial essay**
A. Shah¹, R. Botchu²; ¹Leicester/UK, ²Kettering/UK
-
- P-0015** **The use of CT for shoulder arthrogram**
A. Shah¹, R. Botchu², W.J. Rennie¹; ¹Leicester/UK, ²Kettering/UK
-
- P-0023** **MRI imaging of the temporo-mandibular joint (TMJ) with regard to degeneration and disk displacement**
A. Hagenkord; Basel/CH
-
- P-0029** **Subchondral Bright Lesions in the Knee: a Practical Approach**
J.L. González Montané; Jaén/ES
-
- P-0035** **Radiologic findings in femoroacetabular impingement: a pictorial review**
J.-H. Opsahl¹, A.P. Parkar²; ¹Drammen/NO, ²Bergen/NO
-
- P-0036** **Madelung disease: Case report of a rare disorder and review of literature**
A. O'Brien¹, T. Simelane¹, N. Ramesh²; ¹Dublin/IE, ²Portlaoise/IE
-
- P-0037** **Post Myodil Myelography Arachnoiditis – How To Avoid A Diagnostic Pitfall On MRI?**
D.M. Mundhada¹, O. Elabd¹, D.G. Gokhale¹, M. Fuchsjaeger², J.A. Alkoteesh¹; ¹Al Ain, Abu Dhabi/AE, ²Graz/AT
-
- P-0039** **Occult hip fractures. If not a neck of femur fracture, then what?**
K. Chandrasekaran, N. Patel, V.T. Skidas; Southampton/UK
-
- P-0040** **Ultrasound of Paediatric Musculoskeletal Trauma**
A.K. Bharath¹, K. Kingston²; ¹Leeds/UK, ²York/UK
-
- P-0041** **A Pictorial Review of Wrist Injuries in the Elite Golfer**
A.K. Bharath, P. Robinson, D. Campbell, R. Hawkes, R. Campbell, P. O'Connor; Leeds/UK
-
- P-0044** **Patellar pathology: Mechanical and congenital**
J. Araújo, J. Oliveira, C. Macedo, J. Pires, R. Maia, M. Ribeiro; Porto/PT
-
- P-0045** **MR Imaging of the Infrapatellar Hoffa's fat pad pathology**
J. Araújo, S. Magalhães, I. Ferreira, J. Pires, R. Maia, M. Ribeiro; Porto/PT
-
- P-0047** **Scapulothoracic bursitis and snapping scapula: Imaging perspectives**
B.J.H. Boden, R. Campbell; Liverpool/UK
-
- P-0052** **Pelvic fractures: What you should not miss**
A. Garcia-Bolado¹, J. de la Calle Lorenzo², E. Lopez Uzquiza²; ¹Soto de la Marina/ES, ²Santander/ES
-
- P-0055** **Popliteal fossa masses – a pictorial review**
A. Shah¹, R. Botchu², S. L.J. James³; ¹Leicester/UK, ²Kettering/UK, ³Birmingham/UK
-
- P-0057** **Radiological valuation of the painful column in the children**
M.J. Ereño Ealo¹, R.M. Rodrigo Del Solar¹, F. Saez¹, O. Casado¹, E. Llopis²; ¹Bilbao/ES, ²Alzira-Valencia/ES
-

**P-0059 Essential of symptomatic anatomic variants: Tips and Tricks**

S. Baleato González¹, N. Hormaza², X. Tomás³, R. Oca Pernas⁴, J.C. Vilanova⁵; ¹Santiago de Compostela/ES, ²Barakaldo/ES, ³Barcelona/ES, ⁴Vigo/ES, ⁵Girona/ES

P-0062 Conditions of the Hands & Wrists of Professional Instrumental Musicians: A Pictorial Review

A. Koo, N. Lee, E. Rowbotham, A.J. Grainger; Leeds/UK

P-0063 Posttraumatic neuroma

B. Hadzihasanovic, D. Bulja, S. Hasanovic, L. Milisic, S. Veger-Zubovic; Sarajevo/BA

P-0065 Pictorial review of leg muscle compartments: anatomy, lesions within and management approaches

A. Shah¹, R. Botchu², R. Ashford¹, W.J. Rennie¹; ¹Leicester/UK, ²Kettering/UK

P-0068 Multi-ligamentous knee injuries - MRI injury patterns at a glance

A. Rastogi¹, D. Whelan¹, R. Martin², W. Mak¹, D. Pearce¹; ¹Toronto/CA, ²Calgary/CA

P-0072 Tendon pathologies at the elbow

M. Vansevenant¹, F.M.H.M. Vanhoenacker², J. De Roeck³; ¹Gent/BE, ²Antwerp, Ghent, Mechelen/BE, ³Herentals/BE

P-0073 MRI of the repetitive shoulder dislocation: an ensemble of early and late soft tissue damages that can cause pain, reduction of the joint motility and disability

C. Pierre-Jerome, H.N. Ahmed, H. Banitalebi, A. Borthne; Lorenskog/NO

P-0075 Pictorial review of the pathologies affecting iliotibial tract

R. Naveen, A. Grainger, E. Rowbotham; Leeds/UK

P-0076 Spectrum of imaging features of SAPHO/ CRMO syndrome

A. Kalpaxi¹, V. Bizimi¹, E. Skoufa¹, I. Misichroni¹, N.S. Sideri², D.K. Filippiadis³, A.D. Kelekis¹, C. Kontopoulou¹, N.L. Kelekis¹, O. Papakonstantinou¹; ¹Athens/GR, ²Chaidari/GR, ³Marousi-Athens/GR

P-0077 Biopsy in the spine: from A to Z

D.K. Filippiadis¹, A. Mazioti², G. Velonakis³, E. Alexopoulos⁴, E. Brountzos⁴, N.L. Kelekis³, A.D. Kelekis³; ¹Marousi-Athens/GR, ²Pefki-Athens/GR, ³Athens/GR, ⁴Haidari/GR

P-0078 Pectoralis Major tendon rupture. MR and US evaluation

F. Diez Renovales, B.I. Ruiz, N. Nates Uribe, J. Cardenal Urdampilleta, I. Korta, J. Castillo, E. Alcalde, D. Grande; Bilbao/ES

P-0079 Rocker bottom foot in diabetic patients – a severe deformity of the diabetic Charcot's joint with serious sequelae

J. Brtkova, T. Kucera; Hradec Kralove/CZ

P-0084 Don't Forget the Physeal Injury: Developmental anatomy of the physes and pictorial review of injury patterns in the shoulder girdle of the immature skeleton

I. Anwar, D. Amiras, M. Khanna, M. Walker; London/UK

P-0085 Normal and abnormal clavicle: Image review

A. O' Brien¹, A. Levai², T. Simelane¹, N. Ramesh²; ¹Dublin/IE, ²Portlaoise/IE

P-0086 Diffuse idiopathic skeletal hyperostosis presenting with dysphagia

H.T. Sanal; Ankara/TR

P-0088 Soft tissue calcinosis in systemic sclerosis

Z. Al-Ani, J. Harris; Manchester/UK

P-0089 Pictorial Review of Patella Maltracking

A. Gupta, E. Rowbotham, A. Grainger; Leeds/UK

P-0091 Musculoskeletal involvement in Lymphoma

S. Menon, T. Shafi; Dartford/UK

P-0092 Spectrum of radiographic findings in pseudohypoparathyroidism type Ia.

M.N.S. Sideri¹, V. Bizimi², M. Peppa², V. Papalouka¹, I. Misichroni², A. Kalpaxi², N. Economopoulos², O. Papakonstantinou²; ¹Chaidari/GR, ²Athens/GR

P-0093 The role of CT and MRI in the assessment of tibial plateau fractures according to Schatzker classification

I. Tsifountoudis, M.D.D. Sidiropoulos, I. Kalaitzoglou, E. Dionisiadis, M.P.A. Haritandi, A.S. Dimitriadis; Thessaloniki/GR

-
- P-0094 Ulnar Impaction and Impingement syndromes – The long and short of it**
L.V. Chandrasekharan; East Grinstead/UK
-
- P-0096 Posttraumatic scaphoid pain. What if it is not only the scaphoid!**
I. Katsimilis, N. Purohit, L. King, M. Sampson, V.T. Skiadas; Southampton/UK
-
- P-0097 Sonographic appearance of lumps and bumps around the elbow. Hints and tips for differential diagnosis**
I. Katsimilis, N. Purohit, M. Thomas, V.T. Skiadas; Southampton/UK
-
- P-0098 Differential of a Soft Tissue Mass of the Tendon Sheath**
I. Anwar, D. Amiras, P. Mohaghegh, M. Khanna, M. Walker; London/UK
-
- P-0099 Musculoskeletal injuries amongst farmers in Midland region in Ireland: Brief Review**
H.L. Khosa, N. Ramesh; Portlaoise/IE
-
- P-0100 Skeletal changes in endocrine disorders**
A. O' Brien¹, H.L. Khosa², A. Levai², N. Ramesh²; ¹Dublin/IE, ²Portlaoise/IE
-
- P-0102 Peripheral nerve abnormalities: A pictorial review**
G. Delimpasis¹, E. Agianniotakis², M. Tzalonikou¹, O. Paxinos¹, A. Gyftopoulos¹; ¹Athens/GR, ²Sitia/GR
-
- P-0103 Ultrasound of Peripheral Nerves: Expected features and Shocks!**
B. Batochi¹, J. Bland², L.M. Meacock¹; ¹London/UK, ²Canterbury/UK
-
- P-0106 "Hydroxyapatite Crystal Deposition Disease" An In-depth Analysis to Improve Understanding and Facilitate Symptomatic Relief**
O. Azmat¹, P.P. Nagtode²; ¹Leeds/UK, ²Wakefield, York/UK
-
- P-0112 Calicifc tendinosis! Not an infrequent masquerader**
A. Jain, R. Mohankumar, R. Bleakney; Toronto/CA
-
- P-0113 Not so crystal-clear!! Crystal deposition arthropathies presenting as soft tissue masses**
A. Jain, R. Mohankumar, R. Bleakney; Toronto/CA
-
- P-0114 Analyzing bone marrow edema patterns in acute hip pain**
A. Garcia-Bolado¹, J. de la Calle Lorenzo²; ¹Soto de la Marina/ES, ²Santander/ES
-
- P-0119 MDCT in triaging management in abdominopelvic trauma**
J.T.P.D. Hallinan, S. Eide; Singapore/SG
-
- P-0120 The "whys and wheres" of metal work around the shoulder**
N. Purohit¹, I. Katsimilis¹, R. Ray¹, N.J. Menon², V.T. Skiadas¹, M. Sampson¹; ¹Southampton/UK, ²Leeds, We/UK
-
- P-0121 Imaging Paediatric Joint Effusions: Techniques, Findings and Pitfalls**
D. Mak, C. Chisholm, M. Thyagarajan; Birmingham/UK
-
- P-0123 Imaging Features of Active Inflammation in Juvenile Idiopathic Arthritis**
C. Chisholm, D. Mak, M. Thyagarajan; Birmingham/UK
-
- P-0124 Paediatric Knee Radiographs: Normal Appearances of the Knee Joint in the Growing Patient**
C. Chisholm, D. Mak, M. Thyagarajan; Birmingham/UK
-
- P-0125 Scapular fractures. Anatomical review, classifications and associated injuries**
J. Cardenal Urdampilleta, B.I. Ruiz, F. Diez Renovales, L. Anton Mendez, N. Nates Uribe, D. Grande, E. Alcalde, J. Castillo; Bilbao/ES
-
- P-0126 Radiological Differences Between Juvenile Idiopathic Arthritis And Adult Rheumatoid Disease**
D. Mak, C. Chisholm, K. Johnson; Birmingham/UK
-
- P-0127 Ultrasound Guided Therapeutic Injections in the Treatment of Shoulder Pain: A Multimedia Review**
A. Karsandas, J. Tuckett, R. Sinha, G. Hide; Newcastle upon Tyne/UK
-
- P-0130 Dedicated extremity CBCT scanner in musculoskeletal imaging**
T. Sillat¹, K. Mattila², S.K. Koskinen¹; ¹Helsinki/FI, ²Turku/FI
-
- P-0132 US-guided procedures in the management of muscular trauma**
B. Ruiz, J.L. del Cura, F. Diez Renovales, I. Corta, J. Cardenal Urdampilleta, R. Zabala Landa, D. Grande Icaran, N. Nates Uribe; Bilbao/ES



- P-0133 Magnetic Resonance Imaging of Anterior Cruciate Ligament Graft Reconstruction**
M.E. Abreu¹, P. Pereira², M. Pimenta³; ¹Lisbon/PT, ²Almada/PT, ³Porto/PT
- P-0134 Radiography of the upper limb – useful measurements for the daily practice**
C. Bilreiro, J. Saraiva, L. Silva, B.M.Q. Santos, C. Soares, M.O.E. Castro; Portimao/PT
- P-0135 Osteo-articular manifestations in 97 children with sickle cell disease – imaging value**
P.L. Pegado¹, S. Serpa², R. Perry¹, C. A. S. Ruano¹, A. Nunes¹, A. P. Petinga¹, P. Alves¹, E. Soares¹; ¹Lisbon/PT, ²São Miguel/PT
- P-0137 Radiography of the lower limb – useful measurements for the daily practice**
J. Saraiva, C. Bilreiro, L. Silva, M.O.E. Castro, B.M.Q. Santos, C. Soares; Portimao/PT
- P-0138 Imaging the Reconstructed Posterolateral Corner**
M.A. Shah, M.A. Abbasi, S. Jawad, A. Day, N. Papadakos; London/UK
- P-0140 Sodium Fluoride PET/CT for Musculoskeletal Radiologists**
B. Amini, U. Salem, E. Rohren; Houston, TX/US
- P-0141 Forefoot pain; is it really a Morton's Neuroma?**
P. Dissanayake, K. Green, A.G. Davies, A. Gafoor, S.P. Suresh; Plymouth/UK
- P-0143 More Than a Bunch of Nerves: A Pictorial Review of MRI of the Brachial Plexus**
L.L. Chew, S.K. Wong; Singapore/SG
- P-0144 A Regional Approach to Musculoskeletal and Trauma Teaching Using a Simulation Centre and Network**
A. Self¹, T. Hoare¹, R. Sinha¹, G. Hide¹, J. Tuckett¹, R. Cooper²; ¹Newcastle Upon Tyne/UK, ²South Tyneside/UK
- P-0145 B&B – Blood disorders and Bony manifestations**
S. Menon; Dartford/UK
- P-0148 Ankle impingement syndromes – pictorial review**
R.D.T. Mesquita¹, J. Pinto², J.L. Rosas³, A. Vieira¹; ¹Porto/PT, ²Matosinhos/PT, ³Senhora da Hora/PT
- P-0151 Muscle involvement in inherited neuromuscular disease – imaging protocol and findings**
M. Baptista¹, P. Alves²; ¹Beja/PT, ²Lisbon/PT



Focus sessions
on all aspects of
musculoskeletal
radiology

**SAVE THE
DATE!**

Knee & Ankle

ESSR 2016

MUSCULOSKELETAL RADIOLOGY

JUNE 9–11, ZURICH/SWITZERLAND



ESSR Office
Neutorgasse 9/2
1010 Vienna, Austria
office@essr.org
www.essr.org

