ESSR

16th Annual Congress of the European Society of Musculoskeletal Radiology

Refresher Course on the Hip and Bone Pelvis

Program

Genoa, Italy
June 11 – 13, 2009

With the patronage of

Regione Liguria

Società Italiana di Radiologia Medica

General Information

DATE: **ESSR Congress:** **11-13 June 2009**
SIRM Congress: **11 June 2009**

CONGRESS VENUE: Genoa, Italy
Centro Congressi Magazzini del Cotone - Area Porto Antico

ESSR LOCAL ORGANISING COMMITTEE AND SCIENTIFIC SECRETARY

Congress Presidents:
Carlo Martinoli - Genova, Italy; Enzo Silvestri - Genova, Italy

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ORGANISING SECRETARIAT

Is available on site from Thursday to Saturday from 7.30 to 19.30

SKYLINE public relations

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Thursday, June 11

Scirocco Room

ESSR ULTRASOUND COURSE

Theme of the course: **HIP ULTRASOUND**

Schedule: Thursday, June 11, 2009 (15.00 -18.40)

Moderators: *Andrea Klauser (Innsbruck, Austria), Moshe Graif (Tel Aviv, Israel)*

The Course consists of four modules:

MODULE 1. Live-demonstration of normal and US anatomy

15.00 - 15.30 - Anterior and Medial Hip Anatomy

Marnix van Holsbeeck (Detroit, USA) and Philippe Peetrons (Brussels, Belgium)

15.30 - 16.00 - Lateral and Posterior Hip Anatomy

Theodore Miller (New York, USA) and Philippe Peetrons (Brussels, Belgium)

MODULE 2. Hands-on sessions (basic and advanced)

16.00 - 18.00 - US equipments will be available in the room. The attendees will be divided in groups. Each group will have time to follow a half-an-hour session.

Instructors:

Eugene McNally (Oxford, UK), Giuseppe Monetti (Bologna, Italy), Michel Court-Payen (Copenhagen, Denmark), Marnix van Holsbeeck (Detroit, USA), David Wilson (Oxford, UK), Theodore Miller (New York, USA)

MODULE 3. Case studies with video demonstrations (advanced)

16.00 - 18.00 - Given concurrently with Module- 2 by splitting the entire group of participants into subgroups. Each instructor will give the same presentation twice.

Instructors:

Claudia Weidekamm (Vienna, Austria), David Fessell (Ann Arbor, USA), Monique Reijnierse (Leiden, The Netherlands), Robert Campbell (Liverpool,UK), Ana Navas-Acien (Madrid, Spain), Gerd Bodner (Gibraltar, UK)

Module 4. Lectures on pathology (basic)

18.00 - 18.20 - Anterior and Medial Hip Pathology

Gina Allen (Birmingham, UK)

18.20 - 18.40 - Lateral and Posterior Hip Pathology

Andrea Klauser (Innsbruck, Austria)

Friday, June 12

Maestrale Room

08.40-9.00 Opening

A1 - Introductory Session *Refresher Course*

Moderators: *Ara Kassarjian (Madrid, Spain), Apostolos Karantanas (Heraklion, Greece)*

09.00-09.10 Hip Biomechanics - *Thomas Pope (Charleston, USA)*

09.10-09.30 Normal Human Anatomy of the Hip with imaging correlation *Maria Isabel Miguel Perez (Barcelona, Spain)*

09.30-09.50 How-to-do: MR imaging - *Eva Llopis (Valencia, Spain)*

09.50-10.10 How-to-do: MR arthrography - *Marco Zanetti (Zurich, Switzerland)*

10.10-10.30 New Concepts in Hip Imaging: an overview *Apostolos Karantanas (Heraklion, Greece)*

10.30-10.40 Discussion

Coffee break

A2 - Joint Disorders *Refresher Course*

Moderators: *Suzanne Anderson (Bern, Switzerland), Josef Kramer (Linz, Austria)*

11.00-11.20 Osteonecrosis, Subchondral Fractures and Transient Osteoporosis of the Femoral Head - *Josef Kramer (Linz, Austria)*

11.20-11.40 Pathophysiology of Degenerative Arthritis of the Hip Revisited *Radhesh Lalam (Oswestry, UK)*

11.40-12.10 Femoroacetabular Impingement Syndrome: imaging appearance *Suzanne Anderson (Bern, Switzerland)*

12.10-12.25 Synovial Pit - *Klaus Bohndorf (Augsburg, Germany)*

12.25-12.50 Inflammatory and Septic Arthropathies: hip and sacroiliac joints *Vladimir Jevtic (Ljiubiana, Slovenia)*

12.50-13.00 Discussion

Lunch

A3 - Interventional *Scientific Papers*

Moderators: *Murali Sundaram (Cleveland, USA), Eugene McNally (Oxford, UK)*

14.00-15.00 See page 12

A4 - Bone and Postoperative Hip — *Refresher Course*

Moderators: *Mara Epermane (Riga, Latvia), Mihra S. Taljanovic (Tucson, USA)*

15.00-15.20 Traumatic Hip Dislocation: imaging, treatment and complications
Mihra S. Taljanovic (Tucson, USA)

15.20-15.40 Acetabular Fractures: imaging update
Mara Epermane (Riga, Latvia)

15.40-16.00 Pelvic Ring Fractures: from biomechanics to imaging
Antonello Leone (Rome, Italy)

16.00-16.10 Proximal Femur Fractures: from biomechanics to imaging
Igor Boric (Zagreb, Croatia)

16.10-16.25 Insufficiency Fractures of the Pelvic Ring
Wilfred Peh (Singapore, Singapore)

16.25-16.45 Hip Replacement Hardware: review and radiographic evaluation
Adam Mester (Budapest, Hungary)

16.45-17.05 Complications of Hip Replacement - *Martina Lohman (Helsinki, Finland)*

17.05-17.15 Discussion

Coffee break

A5 - Quiz Game Session (Televoter Session) — *Plenary Session*

17.45-18.45 Chairs: *Mark Schweitzer (Ottawa, Canada)*
Robert Campbell (Liverpool, UK)
Panellists: *Thomas M. Link (San Francisco, USA)*
Theodore Miller (New York, USA)
Zehava Rosenberg (New York, USA)

Presentation on Lille Meeting ESSR 2010 — *Plenary Session*

18.50-19.00 Anne Cotten *(Lille, France)*

Niccolò Paganini: A Musculoskeletal Dilemma: lecture and concert — *Plenary Session*

19.00-19.30 Carlo Martinoli will introduce the violinist Francesca Dego

19.30 Welcome reception — *Foyer*

Scirocco Room

B1 - Technologic Advances in Musculoskeletal Imaging *Parallel Session*

Moderators: *Marnix van Holsbeeck (Detroit, USA)*
Siegfried Trattnig (Vienna, Austria)

09.00-09.15 Whole-Body MR imaging: technique and applications
Koenraad Verstraete (Gent, Belgium)

09.15-09.30 New MRI sequences - *Christian Glaser (Munich, Germany)*

09.30-09.45 New MR techniques in MSK system at high and ultra-high field (3T-7T)
Siegfried Trattnig (Vienna, Austria)

09.45-10.00 Multislice CT: advances in musculoskeletal imaging
Roberto Caudana (Mantova, Italy)

10.00-10.15 Technologic Advances in Musculoskeletal US
Philippe Peetrons (Brussels, Belgium)

10.15-10.30 Image Fusion and Tomosynthesis in Musculoskeletal Radiology
Marnix van Holsbeeck (Detroit, USA)

10.30-10.40 Discussion

Coffee break

B2 - Musculoskeletal Radiology: a global perspective *Parallel Session*

Moderators: *Kenneth Buckwalter (Indianapolis, USA), Remide Arkun (Izmir, Turkey)*

11.00-11.15 ESSR History - *Remide Arkun (Izmir, Turkey)*

11.15-11.30 ISS History - *Klaus Bohndorf (Augsburg, Germany)*

11.30-11.45 SSR History - *Kenneth Buckwalter (Indianapolis, USA)*

11.45-12.00 MSK Radiology in Europe: an outlook to the future
Phil Robinson (Leeds, UK)

12.00-12.15 MSK Radiology in USA: an outlook to the future
Jon Jacobson (Ann Harbor, USA)

12.15-12.30 MSK Radiology in Asia: an outlook to the future
Kil-Ho Cho (Seoul, South Korea)

12.30-12.50 Research in MSK Radiology: current status and main directions
Christian Glaser (Munich, Germany), Murali Sundaram (Cleveland, USA)

12.50-13.00 Discussion

Lunch

B3 - Ultrasound *Scientific Papers*

Moderators: *Martina Lohman (Helsinki, Finland), Christian Glaser (Munich, Germany)*

14.00-15.00 See page 12

B4 - Sport Specific Injuries: from biomechanics to imaging *Parallel Session*

Moderators: *Mario Padron (Madrid, Spain), Carlo Faletti (Turin, Italy)*

15.00-15.25 Ball Sports Injuries (I): Soccer and Rugby
Alberto Tagliafico (Genoa, Italy), Gina Allen (Birmingham, UK)

15.25-15.50 Racquet Injuries: Golf and Tennis
Nadja Saupe (Zurich, Switzerland), Eugene McNally (Oxford, UK)

15.50-16.15 Mountain Sports Injuries: Rock climbing, Skiing and Snowboarding
Oliver Ertl (Augsburg, Germany), Antonio Barile (L'Aquila, Italy)

16.15-16.40 Bicycling and Rowing Injuries
Luca Sconfienza (S. Donato Milanese, Italy), Carlo Faletti (Turin, Italy),

16.40-17.05 Ball Sports Injuries (II): Basketball and Volleyball
Xavier Tomas (Barcelona, Spain), Maryam Shahabpour (Brussels, Belgium)

17.05-17.15 Discussion

Coffee break

Levante Room

C1 - Spine *Scientific Papers*

Moderators: *Antonello Leone (Rome, Italy), Marco Zanetti (Zurich, Switzerland)*

14.00-14.50 See page 13

Saturday, June 13

Maestrale Room

A6 - Rheumatology *Scientific Papers*

Moderators: *Alberto Vieira (Porto, Portugal), David Wilson (Oxford, UK)*

08.00-09.00 See page 13

A7 - Soft-tissue Disorders (I) *Refresher Course*

Moderators: *David Connell (London, UK), Javier Beltran (New York, USA)*

09.00-09.10 The Hip and Pelvis in Sports Imaging: pathophysiology of disorders
Mario Padron (Madrid, Spain)

09.10-09.30 Groin Pain Imaging - *Phil O'Connor (Leeds, UK)*

09.30-09.50 Rectus Femoris and Iliopsoas Lesions - *Anne Cotten (Lille, France)*

09.50-10.10 Greater Trochanteric Pain Syndrome - *Javier Beltran (New York, USA)*

10.10-10.30 Avulsion Fractures and Apophyseal Injuries in Children and Adolescents
David Wilson (Oxford, UK)

10.30-10.40 Discussion

Coffee break

A8 - Soft-tissue Disorders (II) *Refresher Course*

Moderators: *Phil O'Connor (Leeds, UK), Anne Cotten (Lille, France)*

11.00-11.25 Hamstring Injuries - *David Connell (London, UK)*

11.25-11.40 Femoral and Lateral Femoral Cutaneous Neuropathies
Gerd Bodner (Gibraltar, UK)

11.40-12.00 Sciatic Nerve and Other Neuropathies around the Hip
Zehava Rosenberg (New York, USA)

12.00-12.20 Heterotopic Ossification - *Alberto Vieira (Porto, Portugal)*

12.20-12.30 Discussion

A9 - Case Quiz Game *Plenary Session*

12.30-13.30 Chairs: *Richard Whitehouse (Manchester, UK),*
Robert Campbell (Liverpool, UK)

Panellists: Team North *Eugene Mc Nally (Oxford, UK)*
Thomas Pope (Charleston, USA)
Martina Lohman (Helsinki, Finland)

Team South *Carlo Faletti (Torino, Italy)*
Giuseppe Guglielmi (Foggia, Italy)
Eva Llopis (Valencia, Spain)

Lunch

A10 - 3T MRI/Elbow *Scientific Papers*

Moderators: *Maryam Shahabpour (Brussels, Belgium), Eva Llopis (Valencia, Spain)*

14.30-15.30 See page 15

A11 - Invited Lecture Plenary — *Plenary Session*

Moderators: *Klaus Bohndorf (Augsburg, Germany)*

15.30-16.00 Self Therapy in Musculoskeletal Disorders - *Iain McCall (Oswestry, UK)*

A12 - Tumors and Interventional — *Refresher Course*

Moderators: *Jean-Luc Drapé (Paris, France), Hans Bloem (Leiden, The Netherlands)*

16.00-16.30 Soft-Tissue Tumors and Tumor-like Conditions around the Hip
Remide Arkun (Izmir, Turkey)

16.30-17.00 Hip Bone Tumors - *Hans Bloem (Leiden, The Netherlands)*

17.00-17.20 RF Ablation of Osteoid Osteoma - *Francisco Aparisi (Valencia, Spain)*

17:20-17.40 Interventional Procedures in the Metastatic Hip
Jean-Luc Drapé (Paris, France) - Antoine Feydy (Paris, France)

17.40-18.00 US-guided Interventional Procedures around the Hip
Michel Court-Payen (Copenhagen, Denmark)

18.00-18.15 Discussion

A13 - Award of Honorary Membership Cerimony — *Plenary Session*

Award of Honorary Membership of the ESSR to Professor Alain Chevrot

18.15-18.20 Foreword: *Remide Arkun (Izmir, Turkey)*

18.20-18.35 Chunks of my experience - *Alain Chevrot (Paris, France)*

Coffee break

18.45-19.30 General Assembly

Scirocco Room

B5 - Tumors — *Scientific Papers*

Moderators: *Alberto Tagliafico (Genoa, Italy), Antoine Feydy (Paris, France)*

08.00-09.00 See page 14

B6 - Tumor Imaging *Parallel Session*

Moderators: *Kai Vilanova (Girona, Spain), Klaus Woertler (Munich, Germany)*

09.00-09.20 Soft-tissue Classification Adopted from the WHO
Kai Vilanova (Girona, Spain)

09.20-09:40 Staging of Soft-tissue Sarcomas - *Klaus Woertler (Munich, Germany)*

09.40-10.00 Recurrent Soft-tissue Sarcoma: an imaging approach
Carla Van Rijswijk (Leiden, The Netherlands)

10.00-10.20 Synovial Sarcoma: a radiological update
Filip Vanhoenacker (Antwerp, Belgium)

10.20-10.30 The Role of Ultrasound in Soft-tissue Tumors
Jean-Luc Drapé (Paris, France) - Henri Guerini (Paris, France)

10.30-10.40 Discussion

Coffee break

B7 - Osteoporosis *Parallel Session*

Moderators: *Thomas M. Link (San Francisco, USA), Giuseppe Guglielmi (Foggia, Italy)*

11.00-11.30 Multimodality Fracture Detection (radiographs, CT, MRI, VFA by DXA)
Thomas M. Link (San Francisco, USA)

11.30-12.00 DXA and QCT: comparative strengths, limitations and applications
Giuseppe Guglielmi (Foggia, Italy)

12.00-12.20 Bone Densitometry in Children: indications and techniques
Judith E. Adams (Manchester, UK)

12.20-12.30 Discussion

Lunch

B8 - Cartilage/Wrist *Scientific Papers*

Moderators: *Nadja Saupe (Zurich, Switzerland), Roberto Caudana (Mantova, Italy)*

14.30-15.20 See page 15

B9 - Peripheral Arthritis *Parallel Session*

Moderators: *Herwig Imhof (Vienna, Austria), Andrew Grainger (Leeds, UK)*

15.30-15.50 Imaging Features of Peripheral Arthritides
Herwig Imhof (Vienna, Austria)

15.50-16.10 Radiographic Quantification of Rheumatoid Arthritis
Franz Kainberger (Vienna, Austria)

16.10-16.30 Quantification of Rheumatoid Arthritis by MRI
Andrew Grainger (Leeds, UK)

16.30-16.50 Early Detection of Spondyloarthropathy
Monique Reijnierse (Leiden, The Netherlands)

16.50-17.10 Special Features of Psoriatic Arthritis - *Nathalie Boutry (Lille, France)*

17.10-17.20 Ultrasound-guided Joint Injection - *Andrea Klauser (Innsbruck, Austria)*

17.20-17.35 Predictors of Patient's Outcome
Ingrid Möller Parera (Barcelona, Spain)

17.35-17.45 Discussion

Coffee break

Levante Room

C2 - Knee *Scientific Papers*

Moderators: *Tuhin Sikdar (London, UK), Phil Robinson (Leeds, UK)*

08.00-08.50 See page 14

EXPERIENCE WITH TILTING *MRI* *Workshop*

13.30-14.30 Speaker: Carlo Masciocchi *(L'Aquila)*

C3 - Miscellanea *Scientific Papers*

Moderators: *Aysenur Oktay (Izmir, Turkey), Filip Vanhoenacker (Antwerp, Belgium)*

14.30-15.20 See page 16

21.00 GALA DINNER VILLA SPINOLA

EACCME - European Accreditation Council for Continuing Medical Education
Certificates that the
"16th European Congress of the European Society of Musculoskeletal Radiology" has been accredited to provide CME activity for medical specialists for a maximum of, or up to 12 European CME credits (ECMEC's).
"Italian Congress of Musculoskeletal Radiology" has been accredited as part of ESSR 2009 to provide CME activity for medical specialists for a maximum of, or up to 6 European CME credits (ECMEC's).
"Hip Ultrasound Course" has been accredited as part of ESSR 2009 to provide CME activity for medical specialists for a maximum of, or up to 3 European CME credits (ECMEC's).

SCIENTIFIC SESSIONS

A3 - Interventional — *Maestrale Room*

Friday 12 - 14.00-15.00

Moderators: *Murali Sundaram (Cleveland, USA), Eugene McNally (Oxford, UK)*

14.00-14.10 Results of surgery and various radiological interventional procedures in the management of osteoid osteoma: Review of cases between 1991 and 2008; *S Chaganti, B Sullivan (UK)*

14.10-14.20 Percutaneous CT-guided radiofrequency ablation for the treatment of osteoid osteoma and osteoblastoma of the spine; *J Martel, Bueno, E J Ortiz (Spain)*

14.20-14.30 Clinical and MRI follow-up in 123 consecutive patients after percutaneous US guided ablation of shoulder tendons calcifications; *G De Conti, F Angelini, U Marchioro, N Boscolo, M Trevisan, S Vio (Italy)*

14.30-14.40 Outcome of ultrasound-guided aspiration and lavage in calcific tendinosis of the shoulder and other tendons; *T De Zordo, N Ahmad, MT Girtler, AS Klauser, R Chhem, C Romagnoli (Canada, Austria)*

14.40-14.50 Image guided therapeutic steroid injection in groin pain. Correlation with pre procedural MRI and post procedural outcome; *HI Al Bulushi, PPA Hodnett, BA Hogan, EEC Kavanagh, SJ Eustace (Ireland)*

14.50-15.00 Plantar fascia injections: does technique matter?; *K Flood, M Hopper, P O'Connor, D Barron, J Rankine, P Robinson, AJ Grainger (England)*

B3 - Ultrasound — *Scirocco Room*

Friday 12 - 14.00-15.00

Moderators: *Martina Lohman (Helsinki, Finland), Christian Glaser (Munich, Germany)*

14.00-14.10 Anatomical study of superficial peroneal nerve using ultrasonography; *C Canella, X Demondion, R Guillin, J Peltier, N Boutry, A Cotten (France)*

14.10-14.20 Ultrasound assessment of intra-articular entrapment of the long head of biceps (hourglass biceps): a series of 16 surgically proven cases; *R Hargunani, PM Ahrens, N Pujol, S Gadikoppula, B Holloway (UK)*

14.20-14.30 Lateral elbow tendinopathy: correlation of ultrasound findings with pain and functional disability; *AW Clarke, DA Connell (UK)*

14.30-14.40 Ultrasound of the palmar flexor tendons: a review of methodology and findings following surgical repair; *J Coyle, N Nugent, KO Regan, C Healy, MO Shaughnessy, D Kelly, J Barry (Ireland)*

14.40-14.50 Anatomical study of phrenic nerve using ultrasonography; *C Canella, X Demondion, A Delebarre, A Moraux, N Boutry, A Cotten (France)*

14.50-15.00 Ultrasound guided aspiration for painful hips in children; should it be performed?; *A Sinha, R Mctiernan, DJ Wilson (UK)*

C1 - Spine — *Levante Room*

Friday 12 - 14.00-14.50

Moderators: *Antonello Leone (Rome, Italy), Marco Zanetti (Zurich, Switzerland)*

14.00-14.10 Stress injuries of the lumbar spine: MR imaging at 1.5 Tesla and comparison with CT; *A Ganiyusufoglu, L Onat, O Karatoprak, M Enercan, E Karaarslan, A Hamzaoglu (Turkey)*

14.10-14.20 New positioning devices in kinematic MR imaging of patients with degenerative disc disease-desults of a design study; *C Muhle, U Hirsch, B Peters, J Pohl (Germany)*

14.20-14.30 MRI of lumbar degenerative disc disease as predictor of clinical outcome following image guided lumbosacral selective nerve root block; *MR Moynagh, P Foran, M Shelly, S Eustace (Ireland)*

14.30-14.40 Cervical spinal canal dimensions; *E J Ulbrich, C Schraner, A Busato, C Boesch, H Zimmermann, J Hodler, SE Anderson, M Sturzenegger (Germany, Switzerland, Australia)*

14.40-14.50 Diffusion Weighted MR imaging in the diagnosis of vertebral metastasis in patients known primary malignancy; *N Sabir, B Kocak, S Kirac, B Baltalarli, Y Kiroglu (Turkey)*

A6 - Rheumatology — *Maestrale Room*

Saturday 13 - 8.00-9.00

Moderators: *Alberto Vieira (Porto, Potugal), David Wilson (Oxford, UK)*

08.00-08.10 Erosions, but not bone marrow edema or contrast medium enhancement, are specific features in MRI of ankylosing spondylitis patients; *MC Wick, RJ Weiss, W Jaschke, AS Klauser (Austria, Sweden)*

08.10-08.20 Magnetic resonance imaging characteristics of knees of a healthy population and of early knee osteoarthritis and the relation to pain and disability; *R Madan-Sharma, I Watt, AJCMA Oostveen, M Viergever, JL Bloem, M Kloppenburg (The Netherlands)*

08.20-08.30 Quantification of synovitis in rheumatoid arthritis: do we really need quantitative measurement of contrast-enhanced ultrasound?; *C Schueller-Weidekamm, H Platzgummer, G Schueller, F Kainberger (Austria)*

08.30-08.40 MRI and radiographic findings after 10 years in patients with non-acute knee complaints; determination of risk for the development of osteoarthritis; *K Huétink, RGH Nelissen, AR Van Erkel, I Watt, HJL Bloem (The Netherlands)*

08.40-08.50 Early sacroiliitis in patients with seronegative spondylarthitis: evaluation with dynamic contrast-enhanced magnetic resonance imaging; *P Cardello, A Ricci, V Scalzi, C Meschini, L Chiatti, E Pofi (Italy)*

08.50-09.00 Is ultrasound guided autologous blood injection an effective treatment for hamstring enthesopathy?; *WA Bashir, DA Connell (UK)*

B5 - Tumors — *Scirocco Room*

Saturday 13 - 8.00-9.00

Moderators: *Alberto Tagliafico (Genoa, Italy) Henri Guerini (Paris, France)*

08.00-08.10 Magnetic resonance imaging features of chondroblastoma recurrence; *CE Davies, MA Davies, SL James (UK)*

08.10-08.20 Radiological investigation of soft tissue peripheral nerve sheath tumors appearance, with US MRI;*S Kamtsiki, A Lefkopoulos, H Tarenidou, M Potsi, A Haritanti-Kouridou, A Dimitriadis (Greece)*

08.20-08.30 Value of whole-body MRI in correctly staging monoclonal plasma cell disease – comparison of the Durie/Salmon and the Durie/Salmon PLUS staging system;*K Fechtner, J Hillengass, L Grenacher, S Delorme, HU Kauczor, MA Weber (Germany)*

08.30-08.40 CT perfusion can effectively monitor the effect of chemotherapy in patients with osteosarcoma; *M Horak, Z Ryznarova, M Kaspar (Czech Republic)*

08.40-08.50 Imaging diagnosis in differentiation of benign from malignant soft tissue musculoskeletal lesions; *VJN Vasilevska, A Gligorievski, N Kirijas, G Zafiroski, V Janevska (Macedonia)*

08.50-09.00 MRI imaging findings in early stage breast cancer patients treated with aromatase inhibitors developing AI-associated arthralgia syndrome; *O Van Rillaer, L Morales, R Westhovens, P Neven, S Pans (Belgium)*

C2 - Knee — *Levante Room*

Saturday 13 - 8.00-8.50

Moderators: *Tuhin Sikdar (London, UK), Phil Robinson (Leeds, UK)*

08.00-08.10 Preoperative knee MRI: multicenter trial of diagnostic effectiveness variability; *S Morozov, S Ternovoy, A Korolev (Russia)*

08.10-08.20 Can the quantitative MRI findings be used to predict the clinical outcome in patients undergoing ACL reconstruction operation?; *M Bankaoglu, M Erturk, B Gunaydın, T Eren, R Armagan, M Basak (Turkey)*

08.20-08.30 The role of contrast-enhanced MRI in the evaluation of the revascularization process of the anterior cruciate ligament graft; *A Ntoulia, F Papadopoulou, L Astrakas, S Ristanis, C Moraiti, M Argyropoulou, A Georgoulis (Greece)*

08.30-08.40 Multidetector computed tomography arthrography of the knee: diagnostic accuracy and indications; *R Averna, M Onniboni, M De Filippo, F Pogliacomi (Italy)*

A10 - 3T MRI/Elbow — *Maestrale Room*

Saturday 13 - 14.30-15.30

Moderators: *Filip Vanhoenacker (Antwerp, Belgium), Eva Llopis (Valencia, Spain)*

14.30-14.40 3.0T MR Imaging of the Knee Meniscus: What about Equivocal Errors?; *P Van Dyck, J L Gielen, FM Vanhoenacker, L Dossche, PM Parizel (Belgium)*

14.40-14.50 MRI of the knee at 3T – first clinical results with an isotropic PDfs-weighted 3D-TSE-sequence; *M Notohamiprodjo, A Horng, M Pietschmann, W Horger, J Raya, J Park, MF Reiser, C Glaser (Germany, South Korea)*

14.50-15.00 Double Bundle ACL anatomy at 3 Tesla; *MEAPM Adriaensen, BA Hogan, HIJ Al Bulushi, EC Kavanagh (The Netherlands, Ireland)*

15.00-15.10 Advanced 3T MRI of upper extremity nerves; *G Kasprian, F Kainberger, P Brugger, H Engel, F Stuhr, O Aßmann, D Prayer (Austria)*

15.10-15.20 Effectiveness of conventional radiographs and CT in evaluating elbow stiffness; *V Zubler, N Saupe, B Jost, CWA Pfirrmann, J Hodler, M Zanetti (Switzerland)*

15.20-15.30 Free projection of elbow joint on lateral x-rays: a modified technique; *HG Städele, N Stjepanovic, S Duewell (Switzerland)*

B8 - Cartilage/Wrist — *Scirocco Room*

Saturday 13 - 14.30-15.20

Moderators: *Nadja Saupe (Zurich, Switzerland), Roberto Caudana (Mantova, Italy)*

14.30-14.40 MRI evaluation of cartilage repair in the knee using alginate beads containing human mature allogenic chondrocytes; *AAM Dhollander, WCJ Huysse, PCM Verdonk, KL Verstraete, R Verdonk, G Verbruggen, F K F Almqvist (Belgium)*

14.40-14.50 T2 relaxation time of matrix-based autologous chondrocyte implantations – A 2 years follow-up; *A Horng, I Pagenstert, M Pietschmann, T Mendlik, P Mueller, MF Reiser, C Glaser (Germany)*

14.50-15.00 How do osteochondral defects at the donor site change after osteochondral transplantation; a long term follow up MR imaging study including a microscopy coil; *PR Kornaat, A Wymenga, M Reijnierse (The Netherlands)*

15.00-15.10 Radiocarpal versus distal radioulnar MR arthrography in the evaluation of the triangular fibrocartilage; *A Gastaldo, S Carbone, D Buccicardi, E Pamelin, I Rossello, P Quadri (Italy)*

15.10-15.20 Carpal angles defined by the international wrist investigators workshop (IWIW): are they reliable; *R Rahaman, B Rajesh, A Toms (UK)*

C3 - Miscellanea — *Levante Room*

Saturday 13 - 14.30-15.20

Moderators: *Aysenur Oktay (Izmir, Turkey), Maryam Shahabpour (Brussels, Belgium)*

14.30-14.40 The MRI appearances of local disease recurrence following hindquarter amputation; *NA Kotnis, MAM Davies, SSLJ James (UK)*

14.40-14.50 Normal post-operative MRI appearances following hindquarter amputation; *NNA Kotnis, MAM Davies, S S L J James (UK)*

14.50-15.00 Quantitative analysis of MRI perfusion parameters in healthy and pathologic bone marrow: initial results; *GP Schmidt, SP Sourbron, A Biffar, O Dietrich, MF Reiser, A Baur-Melnyk (Germany)*

15.00-15.10 Patterns of bone and muscle injury after high risk vaginal delivery compared to caesarian section; *C J Brandon (USA)*

15.10-15.20 Fatigue-type stress fractures of the lower limb associated with fibrous cortical defects/non-ossifying fibromas in the skeletally immature; *CE Davies, A Shimal, S L James, M Davies (UK)*

ELECTRONIC POSTERS (EPOS)

Bone

1 **A retrospective analysis of bone and muscle metastatic disease.**
E Tavernaraki, M Stassinopoulou, E Andriotis, A Tavernaraki (Greece)

2 **Acetabular fractures: a pictoral review with emphasis on 3D modelling for defining patterns of injury for surgical planning.**
M O Thomas, L King, W King (UK)

3 **Age-related differences in bone density and strength assessed by pQCT at the tibia in post- menopausal Greek women**
A P Balanika, C S Baltas, K Stathopoulos, O Papakonstantinou, G Skarantavos (Greece)

4 **Apoptosis genes; potential biomarkers for osteoporosis**
M J Shelly, P J MacMahon, J M O'Brien, J M O'Byrne, P P Doran, S J Eustace (Ireland)

5 **Automatic bone texture differentiation in hr-pQCT data of bones affected by osteoporosis**
A Valentinitsch, G Langs, J Patsch, F Kainberger (Austria)

6 **Bipartite patella: radiologic findings**
B . Acu, T . Pinarbasili, M . Guven, M . Firat (Turkey)

7 **Bone marrow mr imaging changes in hiv-infected subjects with lipodystrophy**
A A I Garcia, A A Milinkovic, X X Tomas, J J Rios, J J Pomes, M M Del Amo, J J Mallolas (Spain)

8 **Clinical utility of computed tomography in radiographically suspect and occult hip fracture a pilot study**
D Dunker, D Collin, J H Göthlin, M Geijer (Sweden)

9 **Comparison of Diffusion Weighted and Dynamic Enhanced Subtracted MRI with Bone Scintigraphy in the Diagnosis and Prognosis of Perthes Disease**
J J P W Willi, L L M Merlini, C CC Combescure, O O R Rager, D C D W Crook, H H I Imperiano, O O R Ratib (Switzerland)

10 **Erosions, but not bone marrow edema or contrast medium enhancement, are specific features in MRI of ankylosing spondylitis patients**
Wick, R J Weiss, W Jaschke, A S Klauser (Austria, Sweden)

11 **Ewings Sarcoma the most common primary malignant bone tumor in the first decade. Imaging features on radiography, CT and MRI.**
J C J T Campos, D D R Rocha, S P S Preto, R R Ramos, A A V Vieira (Portugal)

12 **Extremities bone tumors: a pictorial review**
E Tavernaraki, M Stassinopoulou, E Andriotis, A Tavernaraki (Greece)

13 **Giant cell tumour of the second metatarsal in a child: case report and review of literature**
N Ramesh (Ireland)

14 **Local bone architecture in male patients with osteoporotic hip fractures**
J Patsch, M Mousavi, L Hornek, S Salem, P Becker, S Becker, H Imhof, C Schueller- Weidekamm, P Pietschmann, F Kainberger (Austria)

15 **Magnetic Resonance Elastography in Trabecular Bone: Initial Experience**
H C J McGregor, J Chen, Y K Mariappan, R L Ehman (USA)

16 **Metatarsal stress fractures: occasional ultrasound (US) diagnosis**
L L Callegari, E E Spanò, L A L Mocciardini, M M Barresi, E E Genovese, C C Fugazzola (Italy)

17 **MR assessment of herniation pits: characteristics, natural history and potential association with morphological predictors of femoroacetabular impingement**
M MR García-Barredo, E E G Gallardo, R L R Landeras, M F MA Fernandez, T P T Piedra, J A J Arnaiz, A A G Garcia (Spain)

18 **Multifocal skeletal cystic tuberculosis; a case report**
S Juhng, K Kim, Y Lee, H Kim, S Park (Republik of Korea)

19 **Os supratrochleare dorsale: MRI findings**
B Acu, M Guven, T Pinarbasili, M Firat (Turkey)

20 **Osteoid Osteoma: pursuing the path from symptoms to diagnosis**
R Ramos, M Pimenta (Portugal)

21 **Osteoid osteoma: the key imaging findings in conventional radiology, CT and bone scans**
JTC Campos, MA Vasconcelos, DR Rocha, AC Carneiro, PS Sousa, A Madureira (Portugal)

22 **Osteolytic lesion anterior in the tibia of a fourteen year-old girl**
V I V Lambrecht, W C J W Huysse, K K L Verstraete (Belgium)

23 **Patella: spectrum of pathology and imaging findings**
J J M Pires, J A J Aguilar, J J Reis, L L Fernandez, A A Pires, G G Fernandez; Portugal (Spain)

24 **pQCT analysis of low dose statins effects on healing of rabbit ulnar fractures**
A P Balanika, C S Baltas, G Skarantavos, D Chissas (Greece)

25 **Scapular fractures: a pictorial review with reference to prognosis and management**
MO Thomas, LJ King, S Cook, A Cole, C Hand (UK)

26 **Tenosynovial giant cell tumors of the hand: MRI findings**
B Acu, T Pinarbasili, M Firat (Turkey)

27 **The analysis of limb shortening in the course of solitary bone treatment**
A A I Ignys-O'Byrne, M G M Glowacki, I I Ignys, K K W Wroblewska (Poland)

28 **The utility of MRI in occult hip fracture**
D Collin , D Dunker , J H Göthlin, M Geijer (Sweden)

29 **Virtual surgery of bone tumors with multislice CT**
F Sandomenico, S S V Setola, O Catalano, E De Lutio di Castelguidone, F Fazioli, V De Rosa, A Siani (Italy)

Joint

30 3D high-resolution volumetry of in-vivo cartilage deformation of the knee at 3T after kneeling
A A H Horng, J J Raya, M M Zscharn, U U Hoehne-Hueckstaedt, I I Hermanns, U U Glitsch, R P R Ellegast, M F M Reiser, C C Glaser (Germany)

31 A bi-lingual online video lecture for multiplanar MRI anatomy of the shoulder
S Waldeck, C Von Falck, K Blum, D Veit, M Galanski, H Rosenthal (Germany)

32 A bi-lingual online video lecture for MRI anatomy of the knee
S Waldeck, C Von Falck, K Blum, D Veit, M Galanski, H Rosenthal (Germany)

33 Black synovium on MR images: pictorial review
P Datta, M. Nayeemuddin (UK)

34 Bumps at and around the wrist
A Aslan, H T Sanal, C Kilic, S Hamcan, M Kocaoglu, N Bulakbasi (Turkey)

35 Can the quantitative MRI findings be used to predict the clinical outcome in patients undergoing ACL reconstruction operation?
M Bankaoglu, M Erturk, B Gunaydın, T Eren, R Armagan, M Basak (Turkey)

36 Comparative findings with MR-arthrography and multidetector CT-arthrography in cam and pincer femoroacetabluar impingement in one shot examination
G E G M Sempere Campello, M A I M R Dobado, A A E G N Clavero, X A I V X Alomar, J E J O S Monill, S A S U Bordegaray (Spain)

37 Comparison of fast-spin echo and conventional spin-echo magnetic resonance imaging in the evaluation of meniscal tears.
M A Hopper, P Robinson, A J Grainger (UK, England)

38 CT and MR arthrography imaging review of the preoperative and postoperative shoulder instability
G E G M Sempere Campello, M A I M R Dobado, A A E G N Clavero, X A I V X Alomar, J E J O S Monill, S A S U Bordegaray (Spain)

39 Cystic lesions around the knee joint: a pictorial essay.
M J Kaduthodil, Q Ullah, R K P Vijay (UK)

40 Dysplasia epyphysealis hemimelica: spectrum of imaging findings with arthroscopic and histopathologic correlation.
O L Casado, M E J M Ereño, A Cruz, E E P S Prieto, B Sancho (Spain)

41 Early sacroiliitis in patients with seronegative spondylarthitis : evaluation with dynamic contrast-enhanced magnetic resonance imaging
P Cardello, A Ricci, V Scalzi, C Meschini, L Chiatti, E Pofi (Italy)

42 Effects of unloading and compression on T1-Gd (dGEMRIC) relaxation times in healthy articular knee cartilage: in vivo effects at 3 Tesla
M E Mayerhoefer, G H Welsch, T C Mamisch, F Kainberger, M Weber, S Nemec, K Friedrich, A Dirisamer, S Trattnig; Austria (Switzerland)

43 Efficacy of ultrasound guide to perform hip arthro-MR imaging
S Tormenta, F Iannessi, A Migliore, M Calderaro, F Arduini, P Nardis (Italy)

44 **Emerging diagnostic and surgical challenges for the hip and ankle from long term bisphosponate therapy for osteoporosis**
J Oommen (UK)

45 **Evaluation of lateral ankle instability with weight-bearing mri. Preliminary experience**
R Sutera, F Candela, F Sorrentino, G Polizzi, P Cimino, A Iovane, M Midiri (Italy)

46 **Evaluation of synovial hyperplasia changes in patients treated with radio-isotope (Yttrio-90): method validation using CEUS and MR before and after treatment**
S Pozza, A De Marchi, O Bottinelli, P Pautasso, P Clerico, C Faletti (Italy)

47 **Femoroacetabular impingement in Ankylosing Spondylitis: A poorly recognised relationship.**
S Shetty, D Glew, G Robinson, M Prentice (UK)

48 **Generalised Osteoarthritis: a target group for osteoarthritis research**
R Madan-Sharma, M Kloppenburg, PR Kornaat, JL Bloem, I Watt (The Netherlands)

49 **How do osteochondral defects at the donor site change after osteochondral transplantation; a long term follow up MR imaging study including a microscopy coil.**
P R Kornaat, A Wymenga, M Reijnierse (The Netherlands)

50 **How does Ultrasound compare to MRI in the diagnosis of symptomatic shoulder rotator cuff tears? An evidence based review.**
M R Moynagh, M J Shelly, E Kavanagh (Ireland)

51 **How to improve image quality in shoulder MRI BLADE vs. TSE**
A A H Horng, M M Pietschmann, P P Mueller, M F M Reiser, C C Glaser (Germany)

52 **Lateral elbow tendinopathy: correlation of ultrasound findings with pain and functional disability.**
A W Clarke, D A Connell (UK)

53 **Magnetic resonance imaging characteristics of knees of a healthy population and of early knee osteoarthritis and the relation to pain and disability**
R Madan-Sharma, I Watt, AJCM Oostveen, M Viergever, JL Bloem, M Kloppenburg (The Netherlands)

54 **Magnetic Resonance Imaging Findings of Shoulders in Parkinson Disease**
A Yucel, O Yilmaz Kusbeci (Turkey)

55 **Magnetic resonance imaging in the assessment of fluid collections of infected hip prostheses: preliminary results**
A Aliprandi, L M Sconfienza, A Ardemagni, F Di Terlizzi, S Tritella, F Randelli, F Sardanelli (Italy)

56 **Meniscus rupture: radiological therapeutic approach**
V Higueras, E Llopis, E Fernandez, E Belloch (Spain)

57 **MR imaging of muscle denervation around the hip and shoulder joints**
E A Eracleous, C F Economides, S P Kokkis, Y I Seimenis, D S Ziaka, A Karantanas (Cyprus, Crete, Greece)

58 MR Imaging of subchondral lesions of the hip: self-resolving subchondral conditions.
M MR García-Barredo, E E G Gallardo, R L R Landeras, M F MA Fernandez, T P T Piedra, J A J Arnaiz, A A G Garcia (Spain)

59 MR imaging of the meniscal bucket handle tears in the knee joint
C F Economides, E A Eracleous, S P Kokkis, Y I Seimenis, D S Ziaka, A Karantanas (Cyprus, Crete, Greece)

60 Tears of the Supraspinatus Tendon: Assessment with Indirect Magnetic Resonance Arthrography in 67 Patients with Arthroscopic Correlation.
P Van Dyck, JL Gielen, FM Vanhoenacker, J Weyler, F Van Glabbeek, M Maas, HJ van der Woude, PM Parizel (Belgium, The Netherlands)

61 MRI and radiographic findings after 10 years in patients with non-acute knee complaints: determination of risk for the development of osteoarthritis.
K Huétink, R R G H Nelissen, A R van Erkel, I Watt, J L Bloem (The Netherland)

62 MRI and Ultrasound findings with pathologic correlation of nodular synovitis of the knee: a case report
G Daskalogiannakis, N Courcoutsakis, S Deftereos, A Ververidis, D Veretas, P Prassopoulos (Greece)

63 MRI Evidence of Synovitis in Osteoarthritis: a review
M O Thomas, L J King, R Morgan, A Durran (UK)

64 MRI imaging of partial or complete acute anterior cruciate ligament tears and concomitant injuries in 187 military recruits.
V Skiadas, P Argyriou, E Perdikakis, P Patouras, D Kehagias, S Lahanis, D Tsokanas (Greece)

65 Multidetector CT-arthrography of the knee: diagnostic accuracy and indications
R Averna, M Onniboni, M De Filippo, F Pogliacomi (Italy)

66 Multidetector CT-arthrography of the shoulder: diagnostic accuracy and indications
M Onniboni, R Averna, M De Filippo, F Pogliacomi (Italy)

67 Pigmented villonodular bursitis (pvnb) in the medial gastrocnemius bursa: report of an unusual case
R Sutera, G Peritore, D Messana, A Iovane, M Midiri (Italy)

68 Posterolateral corner injuries of the knee - Why are they important ?
K Jacob, IP Gunatunga, A Datir (UK)

69 Relationship of clinical symptoms and imaging findings in patients with subacromial impingement
M E Mayerhoefer, M J Breitenseher, C Wurnig, A Roposch (Austria, UK)

70 Safety of intra-articular hip injection by ultrasound guidance
S Tormenta, F Arduini, F Iannessi, A Migliore, E Bizzi, P Nardis (Italy)

71 Sensitivity and specificity of MRI signs in evaluating bucket-handle meniscal tears of the knee
I Tsifountoudis, I Kalaitzoglou, AS Dimitriadis (Greece)

72 **Sonographic examination following shoulder replacement prosthesis**
J Oommen (UK)

73 **The Analysis of Meniscal Extrusion and Its Connection with Knee Joint Abnormalities**
D Kiresi, E Ertekin, M Yel, S Acikgozoglu (Turkey)

74 **The contribution of hip joint MR arthrography in evaluation of clinically suspicious labral pathology in sport injuries and other co-existent pathology and differential diagnosis - Study of 24 patients**
M Natsika, I Katsimilis, H Patsopoulos (Greece)

75 **The Effectiveness of Dynamic MR Imaging for Diagnosis of Early-Stage Rheumatoid Arthritis**
N N S Sabir, S C S Caliskan, F A F Ardic, V C V Cobankara, Y K Y Kiroglu (Turkey)

76 **The role of contrast enhanced ultrasound examination in the detection of rheumatoid arthritis active phase**
A Sprlakova-Pukova, M Kerkovsky, A Stouracova, J Neubauer, Z Fojtík, M Obrovská (Czech Republic)

77 **The Role of Ultrasound in the Detection of Calcific Tendinitis of the Shoulder**
A Manzella, P Q Borba Filho, R P Barreto (Brazil)

78 **Ultrasonographic findings of idiopathic carpal tunnel syndrome: comparative study with magnetic resonance imaging, clinical and electrophysiological studies**
V Antoniou, P J Papadaki, A Papadimitriou, I Fezoulidis, M Vlychou (Greece)

79 **Ultrasound assessment of the knee in in rheumatoid arthritis with MRI correlation: a comparative study**
C Yucesoy, G Genç, A Bal, E Özturk, M Tuzun, A Cakcı, B Hekimoglu (Turkey)

80 **Ultrasound guided intraarticular injection for MR arthrography of the shoulder through an anterolateral approach**
C C S Schäffeler, K K W Wörtler (Germany)

81 **Unilateral hemophilic arthropathy of the upper extremity: MRI and direct radiographic findings**
D Kiresi, O Duzenli, D Emlik, K Odev (Turkey)

82 **US-guided steroid and HYALURONIC acid infiltration for the treatment of hand and wrist tenosynovitis. Preliminary experience**
L L Callegari, E E Spanò, A A Bini, M M Barresi, E E Genovese, C C Fugazzola (Italy)

83 **Usefulness of QCT and CT examination in evaluation of the hip in patients with coxarthrosis**
A Siemianowicz, W Wawrzynek, B Koczy, K Kukawska-Sysio, A Koczy, M Trzepaczynski (Poland)

Spine

84 **A new approach for optimal imaging of the cervical spine**
R Pedersen (Norway)

85 **Accelerated imaging of the spine at 3T**
J Fruehwald-Pallamar, N Fakhrai, P Szomolanyi, M Weber, S Trattnig, I M Noebauer-Huhmann (Austria)

85 **Biochemical profile of the vertebral bone marrow by means of proton MR spectroscopy**
S Ortori, M Tosetti, M Perri, V Zampa, M Cosottini, L Faggioni, G Caproni, G Mariani, C Bartolozzi (Italy)

87 **Bony Neoplasia of the Cervical Spine: a pictorial review with reference to causes, imaging appearances and complications.**
M.O. Thomas, M. B. Johnson, R. Chowdhury, L. J. King (UK)

88 **CT-Volumetry of lumbar vertebral bodies: analysis in normal patients and patients with hypoplasia of lumbar vertebra L5 and spondylolysis.**
E Willems, F De Keyzer, B De Dobbelaer, GE Wilms (Belgium)

89 **Diffusion Weighted MR Imaging in The Diagnosis of Vertebral Metastasis in Patients With Known Primary Malignancy**
N N S Sabir, B B K Kocak, S K S Kirac, B B Baltalarli, Y K Y Kiroglu (Turkey)

90 **Intervertebral disks: illustrated gamut**
J J M Pires, J A J Aguilar, E E Santos Armentia, G G Fernandez, M D M Velasco Casares (Portugal, Spain)

91 **MDCT evaluation of metallic devices of the spine**
J J M Pires, J A J Aguilar, E E Santos Armentia, M D M Velasco Casares (Portugal, Spain)

92 **MR findings and low back pain in early young teenagers.**
O Kiritsi, N Malliaropoulos, K Tsitas (Greece)

93 **Reconstructed CT imaging in lumbar fusion**
A Brotis, S Kojia, M Vlychou, P Tsiamalou, K Fountas, K Paterakis (Greece)

Soft Tissue

94 MR imaging of inflammatory myopathies
M Sung, J Min, M Chung (Korea)

95 1H-MR spectroscopy to evaluate intramuscular lipid changes in HIV+ patients with lipodystrophy
A A I Garcia, A A Milinkovic, I I Perez, X X Tomas, S S Vidal, C C Falcon, J J Pomes, M M Del Amo, J J Mallolas (Spain)

96 Advanced 3T MRI of upper extremity nerves
G Kasprian, F Kainberger, P Brugger, H Engel, F Stuhr, O Aßmann, D Prayer (Austria)

97 An abnormal vessel supply of an affected lower extremity in patients with proximal femoral focal deficiency.
M H M Horak, Z R Z Ryznarova, J Ch J Chomiak (Czech Republic)

98 Atypical appearance of brown tumors: emphasis on MR imaging features
M Sung, M Chung (Korea)

99 Calcific tendinitis in atypical location misinterpreted as a traumatic injury
M Barresi, L Callegari, E Spanò, A Bini, E Genovese, C Fugazzola (Italy)

100 Calcific tendinitis in atypical location: personal experience in 9 patients.
E Spanò, L Callegari, L Mocciardini, M Barresi, E Genovese,C Fugazzola (Italy)

101 CT and MRI findings in skeletal muscle metastasis
F Sandomenico, V De Rosa, A Petrillo, E De Lutio di Castelguidone, A Siani (Italy)

102 Evaluation of supraspinatus tendon tears with elastosonography in comparison to US and MRI. Our experience.
R R S Sutera, V M V Mularo, F C F Candela, C C M Maggio, P C G P Cimino, A A I Iovane, M M Midiri (Italy)

103 Focal lesions of the Achilles tendon: real-time variation of lesion grading during ultrasound-guided platelet-concentrate injection
R Sutera, A Iovane, L De Simone, F Candela, M Midiri, R Lagalla (Italy)

104 High temporal resolution contrast-enhanced MRI usefulness for soft tissue angiodysplasias evaluation
X Merino, G Garrido, R Domínguez, S Gispert, V Pineda, M Perez (Spain)

105 Imaging of Deep Fibromatoses
A Manzella, P Q Borba Filho, C Zelaquett, E Albuquerque, M Souza (Brazil)

106 Imaging of muscle ruptures complication
R Sutera, F Candela, F Sorrentino, F Narese, A Iovane, M Midiri, R Lagalla (Italy)

107 Isolated non-Hodgkin lymphomatous involvement of the left psoas muscle in an elderly patient
D D G Duma, E E F Fazakas, M D M Duma, I I P Parasca, M M P Petrescu, S F S Sfrangeu (Romania)

108 Leprosy (Hansen disease): Why it is important to remember forgotten diseases in Europe
P Melloni, A Sanchez-Montanez , M Veintemillas, A Marín, R Valls, L Riera (Spain)

109 Maffucci Syndrome and Hashimoto thyroiditis: a unique case report
A Manzella, P Q Borba Filho (Brazil)

110 MR imaging in Pediatric Osteomyelitis
G G Argento, G G Scavone, G G Fabbri, E E M Pandolfi, C C Porcari, F F Capparella, V V David (Italy)

111 MRI features of Hibernoma: case report
R M Marques, H R Tinto, C I Leal, P T Alves, V Vasconcelos, M Mafra, L A Cardoso (Portugal)

112 MRI findings of gluteal fibrosis
R D O R Dominguez Oronoz, X Merino, S Gispert, V P V Pineda, E E I Inarejos, C C V Vert, M A M Aguirre (Spain)

113 MRI of Piriformis Syndrome and the Proximal Sciatic Nerve
A Robertson, C Yiannikis (Australia)

114 Myositis: a cause of swallowing disorders
J Brtkova, J Zizka, J Raupach, M Tosovsky (Czech Rep.)

115 Radiological investigation of soft-tissue peripheral nerve sheath tumors: appearance with US and MRI
S Kamtsiki, A Lefkopoulos, H Tarenidou, M Potsi, A Haritanti-Kouridou, A A D S Dimitriadis (Greece)

116 Soft tissue tumours with muscle differentiation: a pictorial review of the clinicopathological and imaging features.
C E Davies, M A Davies, S L James (UK)

117 Sternocleidomastoid masses: spectrum of ultrasound and color Doppler findings
F Sandomenico, O Catalano, M Mattace Raso, P Vallone, M Chiofalo, L Pezzullo, A Siani (Italy)

118 T2 mapping of the patellar articular cartilage with 1.5T: additional value in correlation with standard MR imaging and arthroscopy in early lesions
A Gallo, T Robba, G Regis, V Clementi, E Graziano, C Faletti (Italy)

119 Tenosynovitis of Flexor Hallucis Longus Tendon in Synchronized Swimming
Y Kobashi, J Fukuda, S Suzuki (Japan)

120 The iliopsoas compartment: a pictorial review of anatomy and common pathologies
M J Kaduthodil, H S Ganesh, R K P Vijay (UK)

121 The role of ultrasonography in the screening of upper extremity work-related musculoskeletal disorders
M Amato, N Zappa, S Borghesi, R Lucchini, A Carreri, E Martin, A Piovani (Italy)

122 The soft tissue masses: US, specific contrast medium software and comparative histology. Last 3 years experience.
A De Marchi, O Bottinelli, S Pozza, L Verga, A Linari, C Faletti (Italy)

123 Ultrasound and MRI findings in Rectus Sheath Desmoid Tumours
A Lakkaraju, S Edward, P Robinson (UK, England)

124 Ultrasound of the Palmar Flexor Tendons: a review of methodology and findings following surgical repair
J Coyle, N Nugent, K O Regan, C Healy, M O Shaughnessy, D Kelly, J Barry (Ireland)

125 US imaging and morphometric analysis of the common peroneal nerve during its course through the fibular tunnel.
L Meylaerts, F Weyns, E Cardinaels, H Vanormelingen (Belgium)

126 US-guided scarification of achille's tendinopathy associated to hyaluronic acid infiltration
M Barresi, L Callegari, E Spanò, E Genovese, C Fugazzola (Italy)

127 Use of MRI to evaluate achilles tendon volume in type 2 diabetic patients with or without peripheral neuropathy
N Courcoutsakis, N Papanas, G Daskalogiannakis, K Papatheodorou, E Maltezos, P Prassopoulos (Greece)

128 Value of new US technologies compared to power Doppler and CeUS in the assessment of painful patellar and Achilles tendons: preliminary results in a group of 16 athletes
O Bottinelli, A De Marchi, P De Petro, F Tencone, M Giachino, C Faletti (Italy)

129 Vascular Lesions and Malformations of the Pediatric Extremities
P C Young (United States)

Interventional

130 Clinical and MRI follow-up in 123 consecutive patients after percutaneous US guided ablation of shoulder tendon calcifications
G De Conti, F Angelini, U Marchioro, N Boscolo, M Trevisan, S Vio (Italy)

131 Diagnostic evaluation and efficacy of radiofrequency thermal ablation treatment of Osteoid Osteoma located in the hip joint: results of 14 cases
D Martorano, D Mastrantuono, P Pautasso, G Regis, C Faletti (Italy)

132 Image Guided Radiofrequency Ablation of Benign Bone Tumors
Z G P Z Papathanassiou, T G P T Petsas, D D J P Papachristou, J J N Nilas, P D M P Megas (Greece, Usa/Greece)

133 Results of surgery and various radiological interventional procedures in the management of osteoid osteoma: Review of cases between 1991 and 2008
S Chaganti, B Sullivan (UK)

134 Trigger finger: US-guided infiltration of steroid and hyaluronic acid versus surgery. Preliminary experience with midterm follow up.
L L Callegari, E E Spanò, A A Bini, A A Leonardi, L A L Mocciardini, C C Fugazzola (Italy)

135 US guided platelet gel (autologous platelet-rich plasma) injection of tendon injuries
M Gagliano, L Zugaro, A Barrucci, A Rughetti, A Barile, C Masciocchi (Italy)

136 US-guided percutaneous injection of steroids and hyaluronic acid for the treatment of rhizoarthrosis. Personal experience with medium term follow-up.
E Spanò, L Callegari, A Bini, D Agnello, M Barresi, E Genovese, C Fugazzola (Italy)

Miscellaneous

137 Radiological investigation of the foot extensor system with x-rays, US and MRI
S Kamtsiki, A Lefkopoulos, M Potsi, H Tarenidou, A Haritanti-Kouridou, V Petrelis, A A D S Dimitriadis (Greece)

138 A case of extensive - aggresive pelvic Gorham's disease.
M Natsika, K Kontogeorgas, E Georgopoulou, E Katsarou, E Giannakos, D Triantafyllou (Greece)

139 Apparent diffusion coefficient (ADC) of bone and soft tissue tumors: correlations with cellularity, matrix and histopathologic lines and findings
T. Robba, A. Gallo, G.Regis, C.Faletti, A. Linari, V. Clementi (Italy)

140 Application of radiological methods in the evaluation of morphological changes in mastoiditis based on historical material
A A I Ignys-O'Byrne, I I T Teul, S B S Baran (Poland)

141 Building Sparse MRF Appearance Models from a Single Annotation
R Donner, H Wildenauer, G Langs, H Bischoff, P Peloschek, F Kainberger (Austria)

142 Classic Signs in Musculoskeletal Radiology
A Manzella, P Q Borba Filho, E Albuquerque (Brazil)

143 Dose reduction in musculoskeletal imaging by a prototype of a digital X-ray detector using direct photon counting
M Gruber, M Uffmann, M Weber, P Homolka, M Chmeissani, F Kainberger (Austria, Spain)

144 Everyday msk diagnoses that are easy to miss on MRI studies
R RP Pedersen (Norway)

145 Metastatic adenocarcinoma of the lung mimicking mucoid degeneration of the anterior cruciate ligament
M J Shelly, M R Moynagh, S Dheer, E C Kavanagh (Ireland, USA, Ireland)

146 MRI imaging findings in early stage breast cancer patients treated with aromatase inhibitors developing AI-associated arthralgia syndrome.
O Van Rillaer, L Morales, R Westhovens, P Neven, S Pans (Belgium)

147 Needle image plates compared to conventional CR: Is 50% dose reduction in musculoskeletal radiography possible?
M Gruber, S Nemec, J Fruehwald-Pallamar, M Weber, F Kainberger, M Uffmann (Austria)

148 Painful calf: spectrum of imaging findings and differential diagnosis
J J M Pires, J A J Aguilar, M M França, M M Certo, J J Reis, G G Fernandez (Portugal, Spain)

149 T2 relaxation time of matrix-based autologous chondrocyte implantations: a two years follow-up
A A H Horng, I I Pagenstert, M M Pietschmann, T T Mendlik, P P Mueller, M F M Reiser, C C Glaser (Germany)

150 The Hand To Name or Number? An Audit of Plain Film Reports.
J Chandra, J Teh (UK)

151 The muscle-bone unit functions at the lower leg in females with rheumatoid arthritis: a pQCT study
C S Baltas, A P Balanika, T Spyridopoulos, O Papakonstantinou, V Bizimi, M Tsouroulas, G Skarantavos, N Kelekis (Greece)

COMUNICAZIONI

Moderatori: Mario Canepari *(Pavia, Italia)*
Michele Solarino *(Bari, Italia)*

13.00-14.00 **WORKSHOP:** **Sala Levante**
ECOGRAFIA DEL PLESSO BRACHIALE: ANATOMIA E TECNICHE DI SCANSIONE - Relatore Carlo Martinoli

13.00-14.00 **WORKSHOP:** **Sala Ponente**
OSSO E MALATTIE RARE: MALATTIA DI GAUCHER E MUCOPOLISACCARIDOSI - Moderatore Enzo Silvestri

L'IMAGING DELL'INTERESSAMENTO SCHELETRICO NEL MORBO DI GAUCHER - Relatore Vincenzo Spina

QUADRI RADIOLOGICI SUGGESTIVI DI MUCOPOLISACCARIDOSI
Relatore Marco Grimaldi

14.00-14.30 **WORKSHOP: CT - FLUOROSCOPY** **Sala Maestrale**
Relatore: Roberto Caudana *(Mantova, Italia)*

WORKSHOP: ARTRO - RM **Sala Levante**
Relatore: Carlo Faletti *(Torino, Italia)*

WORKSHOP: OSTEOPOROSI NEWS **Sala Ponente**
Relatore: Carla Albanese *(Roma, Italia)*

14.30 -15.15 **LETTURA MAGISTRALE** **Sala Maestrale**
Presentazione: Ugo Albisinni *(Bologna, Italia)*
Imaging dei tumori dei tessuti molli
Daniel Vanel (*Villejuf, Francia*)

15.15-17.15 **Clinica, diagnosi e trattamento delle lesioni muscoloscheletriche**
Modulo interattivo con "televoter"

Moderatori: Roberto Caudana *(Mantova, Italia)*
Enzo Silvestri *(Genova, Italia)*
Termoablazione: Ugo Albisinni *(Bologna, Italia)*
Cementoplastica: Mauro Gallazzi *(Milano, Italia)*
Embolizzazione: Guido Regis *(Torino, Italia)*
Litoclasia: Giovanni Serafini *(Pietra Lig., Italia)*
Viscosupplementazione: Sandro Tormenta *(Roma, Italia)*
Biopsia: Luigi Zugaro *(L'Aquila, Italia)*

17.30-18.00 **LETTURA MAGISTRALE**
Presentazione: Fabio Martino *(Bari, Italia)*
La radiologia in medicina dello sport: ieri, oggi, domani
Folco Rossi *(Roma, Italia)*

18.00-19.00 ASSEMBLEA GENERALE E CONSEGNA PREMI

11 giugno 2009

07.30-08.30 Registrazione

08.30-08.45 **Inaugurazione** — **Sala Maestrale**

08.45-10.45 **FOCUS POINT - LA MICROINSTABILITA ARTICOLARE**
Modulo interattivo con "televoter"

Moderatori: Carlo Faletti *(Torino, Italia)*
Giacomo Garlaschi *(Genova, Italia)*

Spalla: Guido Regis *(Torino, Italia)*
Francesco Di Pietto *(Napoli, Italia)*

Ginocchio: Alberto Bellelli *(Roma, Italia)*
Massimo De Filippo *(Parma, Italia)*

Polso: Leonardo Callegari *(Varese, Italia)*
Vincenzo Spina *(Carpi, Italia)*

Retropiede: Eugenio Genovese *(Varese, Italia)*
Marcello Zappia *(Napoli, Italia)*

10.45-13.00 **WORKSTATION SESSION** — **Sala Maestrale**
IMAGING DEL RACHIDE E TESSUTI MOLLI

Training di refertazione con Docente

Coordinatori: Angelo Iovane *(Palermo, Italia)*
Carlo Martinoli *(Genova, Italia)*

Docenti W-S 1: Antonello Leone *(Roma, Italia)*
Armanda De Marchi *(Torino, Italia)*

COMUNICAZIONI

Moderatori: Giuseppe Balconi *(Milano, Italia)*
Marco Mastantuono *(Roma, Italia)*

WORKSTATION SESSION — **Sala Scirocco**
IMAGING IN REUMATOLOGIA

Training di refertazione con Docente.

Coordinatori: Angelo Iovane *(Palermo, Italia)*
Carlo Martinoli *(Genova, Italia)*

Docenti W-S 2: Giacomo Garlaschi *(Genova, Italia)*
Fabio Martino *(Bari, Italia)*

COMUNICAZIONI

Moderatori: Paolo Bagnolesi *(Cecina, Italia)*
Alessandro Scelzi *(Barletta, Italia)*

10.45-13.00 **WORKSTATION SESSION - IMAGING E SPORT** — **Sala Libeccio**

Training di refertazione con Docente

Coordinatori: Angelo Iovane *(Palermo, Italia)*
Carlo Martinoli *(Genova, Italia)*

Docenti W-S 3: Luca De Flaviis *(Milano, Italia)*
Giuseppe Monetti *(Bologna, Italia)*

Con il patricinio di

Regione Liguria

European Society of Musculoskeletal Radiology

Informazioni Generali

DATA: **CONGRESSO SIRM: 11 giugno 2009**
CONGRESSO ESSR: 11-13 giugno 2009

SEDE DEL CONGRESSO: GENOVA
Centro Congressi Magazzini del Cotone - Area Porto Antico

PRESIDENTI DEL CONGRESSO
Roberto Caudana *(Mantova)*, Giacomo Garlaschi *(Genova)*

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ECM
Il congresso Nazionale della Sezione di Muscoloscheletrica è accreditato per 5 punti.

Il 16th Annual Congress ESSR è accreditato per 12 punti

SEGGIO ELETTORALE
Il seggio sarà aperto dalle ore 13.00 alle ore 15.00

SEGRETERIA ORGANIZZATIVA
In sede congressuale da giovedì a sabato dalle ore 7.30 -19.30

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SIRM

Congresso Nazionale
Sezione di Radiologia Muscoloscheletrica

Società Italiana di Radiologia Medica

Programma

Genova,
11 Giugno 2009