September 19, Friday

IV Session - Crystal-induced arthropathies
C. Montecucco (Pavia, Italy), T. Bardin (Paris, France)
09:00-09:20
Urate crystals
E. Pascual (Alicante, Spain)
09:20-09:40
Calcium pyrophosphate crystals
M. Doherty (Nottingham, England)
09:40-10:00
Apatite crystals
T. Bardin (Paris, France)
10:00-10:15
Discussion
10:15-10:35
Electron microscopy in synovial fluid analysis for crystals
L. Peruzzo (Padova, Italy)
10:35-10:55
Crystal-induced arthropathies: difficult cases
F. Sivera (Alicante, Spain)
10:55-11:30
Coffee break

V Session - Joint injection procedures in particular cases
A. Doria (Padova, Italy), S. Adami (Verona, Italy)
11:30-11:50
Enthesitis
I. Olivieri (Potenza, Italy)
11:50-12:10
Osteoarthritis
P. Richette (Paris, France)
12:10-12:30
Psoriatic arthritis and rheumatoid arthritis
U. Fiocco (Padova, Italy)
12:30-12:50
Temporomandibular joint
L. Guarda Nardini (Padova, Italy)
12:50-13:00
Discussion
13:00-13:15
Final tests
13:15-13:30
Final remarks
13:30
Lunch
The course aims to provide a platform for Trainees and Specialists interested in MSDs to develop and update their skills in Joint Aspiration and Injection techniques and in Synovial Fluid Analysis. The course will cover common MSDs problems requiring Joint Aspiration and Injections and facilitate practical skills. Delegates should be able to apply the skills gained at the workshop to their everyday practice.

The programme will consist of a short interactive presentation followed by practical workshops on joint and soft tissue injection techniques, with the help of simulation with anatomical models and sonography. The synovial fluid analysis will be performed by means of ordinary and polarized light microscopes. The practical sessions will be carried out in small groups of 10-12 delegates. The Course is suitable for Trainees, Specialists interested in MSDs, Physiotherapists, and Nurses.

PROGRAMME

September 17, Wednesday

I Session - General aspects
C. Dario (Padova, Italy), M. Matusci Carnini (Firenze, Italy)
14:00 - 14:15 Opening remarks
M. Matusci Carnini (Firenze, Italy)
14:15 - 14:30 Presentation of the Course
L. Punzi (Padova, Italy)
14:30 - 15:00 General principles of joint aspiration, joint injection and synovial fluid analysis
M. Doherty (Nottingham, UK)
15:00 - 15:30 Drugs for joint and soft tissues injections
T. Tardin (Paris, France)
15:30 - 16:00 Running an injection clinic: the nurse’s perspective
S. Doherty (Nottingham, UK)
16:00 - 18:15 PRACTICAL SKILLS - Simulation of joint aspiration and joint injections using anatomical models
• Hand and wrists - M.A. Cimmino (Genova, Italy)
• Shoulder - R. Ramonda (Padova, Italy)
• Knee - P. Frallonardo (Padova, Italy)
• Foot and ankle - P. Richette (Paris, France)
18:15 - 18:45 Lecture: Synovial fluid over the centuries
Chairman: L. Punzi (Padova, Italy)
Speaker: P. Marsen (Padova, Italy)
20:00 Social dinner

September 18, Tuesday

II Session - The value of imaging in synovial fluid and joint injections
G. Scannapieco (Padova, Italy), M.A. Cimmino (Genova, Italy)
09:00 - 09:20 Role of sonography for the evaluation of joint effusions
W. Grassi (Jesi - AN, Italy)
09:20 - 09:40 Role of MRI for the evaluation of joint effusions
M. A. Cimmino (Genova, Italy)
09:40 - 10:00 Value of synovial micro-biopsy in effusions of small joints
A. C. Scirè (Milano, Italy)
10:00 - 10:20 General basis and pitfalls of ultrasound needle guidance
W. Grassi (Jesi - AN, Italy)
10:20 - 10:30 Discussion
10:30 - 11:00 Coffee break
11:00 - 13:00 PRACTICAL SKILLS - Joint aspiration and injections sonography guided
W. Grassi (Jesi - AN, Italy), M. Di Carlo (Ancona, Italy), G. Filippou (Siena, Italy)
13:00 Lunch

III Session - Synovial fluid analysis
D. Donato (Padova, Italy), M. Plebani (Padova, Italy)
14:00 - 14:20 Value and significance of synovial fluid analysis. General aspects
L. Punzi (Padova, Italy)
14:20 - 14:40 Synovial fluid analysis in children
M. Gattinara (Milano, Italy)
14:40 - 15:00 Synovial fluid in elderly
A. Spadaro (Roma, Italy)
15:00 - 15:20 Diagnostic significance of synovial fluid cells
G. Filippou (Siena, Italy)
15:20 - 15:40 Synovial fluid analysis in bacterial arthritis
F. Schiavan (Padova, Italy)
15:40 - 16:00 Discussion
16:00 - 16:30 The synovial fluid analysis clinic: from joint aspiration to microscope
P. Frallonardo, R. Ramonda, D. Zanconato, F. Oliviero (Padova, Italy)
16:30 - 18:30 PRACTICAL SKILLS - The synovial fluid analysis
A. Bortoluzzi (Ferrara, Italy), P. Galozzi (Padova, Italy), M. Govoni (Ferrara, Italy), F. Oliviero (Padova, Italy)
18:30 - 19:00 Red-Hot Issue Lecture: The placebo effect of joint injections
Chairman: S. Todesco (Padova, Italy)
Speaker: M. Doherty (Nottingham, UK)
20:30 Dinner with the Expert