INTERNATIONAL COURSE ON JOINT ASPIRATION, JOINT INJECTIONS AND SYNOVIAL FLUID ANALYSIS

Abbazia di Praglia • September 17-19 2014

SCIENTIFIC COMMITTEE

Presidents
Thomas Bardin (Paris, France), Michael Doherty (Nottingham, UK)

Local President
Claudio Dario (Padova, Italy)

Course Director
Leonardo Punzi (Padova, Italy)

Course vice-Director
Roberta Ramonda (Padova, Italy)

Course Organiser
Francesca Oliviero (Padova, Italy)
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**

13.00-14.00 Registration

I Session - General aspects
C. Dario (Padova, Italy), M. Matucci Cerinic (Firenze, Italy)

14:00 -14:15 Opening remarks
M. Matucci Cerinic (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. Bardin (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. Marson (Padova, Italy)

20:00 Dinner at the internal Restaurant of Commodore Hotel
September 18, Thursday

**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*
C.A. Sciré (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
M. Govoni (Ferrara, Italy)
15:20-15:40  Synovial fluid analysis in bacterial arthritis
F. Schiavon (Padova, Italy)
15:40-16:00  Discussion
16:00-16:30  The synovial fluid analysis: 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), A. Scanu (Padova, Italy), C.A. Scirè (Milano, Italy), F.M. Perrotta (Roma, Italy), A. Spadaro (Roma, 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  Social Dinner
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, UK)

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
ACCREDITAMENTO ECM
L’evento è inserito nel piano formativo anno 2014 SIR – Provider nr. 2833 ed è stato accreditato presso la Commissione Nazionale per la Formazione Continua con Obiettivo Formativo “Documentazione clinica. percorsi clinico-assistenziali diagnostici e riabilitativi, profili di assistenza - profili di cura” per la figura professionale Medico Chirurgo con specializzazione nelle seguenti discipline che, a norma di regolamento ECM, sono di seguito riportate:
Reumatologia, Allergologia ed Immunologia Clinica, Anatomia Patologica, Biochimica Clinica, Cardiologia, Farmacologia e Tossicologia Clinica, Genetica Medica, Geriatria, Malattie dell’Apparato Respiratorio, Malattie Infettive, Malattie Metaboliche e Diabetologia, Medicina Fisica e Riabilitazione, Medicina Generale (Medici di Famiglia), Medicina Interna, Medicina Legale, Medicina Termale, Nefrologia, Ortopedia e Traumatologia, Patologia Clinica (laboratorio di analisi chimico-cliniche e microbiologia), Pediatria, Pediatria (Pediatri di libera scelta) e per le figure dell’infermiere e del fisioterapista, per un numero massimo di 60 partecipanti.
Oltre tale numero e per professioni/discipline differenti da quelle accreditate non sarà possibile rilasciare i crediti formativi.
Si precisa che i crediti verranno erogati a fronte di una partecipazione del 100% ai lavori scientifici e del superamento della prova di apprendimento con almeno il 75% delle risposte corrette.

L’EVENTO HA OTTENUTO N° 18 CREDITI FORMATIVI

UEMS - EACCME ACCREDITATION
The ‘International Course on Joint Aspiration, Joint Injections and Synovial Fluid Analysis’ is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net. « The ‘International Course on Joint Aspiration, Joint Injections and Synovial Fluid Analysis’ is designated for a maximum of (or ‘for up to’) 12 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.
Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.
GENERAL INFORMATION

ORGANIZING SECRETARIAT:
AIM Group International
Milano Office
Via G. Ripamonti 129
20141 Milano
Ph. +39 02 566011
Fax +39 02 56609045
pragliacourse2014@aimgroup.eu

COURSE VENUE
Abbazia di Praglia
35033 Bresseo di Teolo (PD)
Ph. +39 049 9999300
Fax +39 049 9999311
abbazia@praglia.it

HOW TO GET TO IT
By car
• From Milano: highway A4 Milano-Venezia, Grisignano Exit. Proceed toward Montegalda, Cervarese, Montemerlo (Km 18)
• From Venice: highway A4 Venezia-Milano, Padova Ovest exit. Proceed toward Padova, Basilica del Santo exit direction Colli Euganei-Teolo (Km 18)
• From Bologna: highway A13 Bologna-Padova, Terme Euganee exit, toward Montegrotto Terme, Abano Terme, Monterosso (Km 14)

By train
From Padova station, take the bus for Teolo – Vò Euganeo – Noventa Vicentina. Stop bus San Biagio

OFFICIAL LANGUAGE: English

WWW.PRAGLIA COURSE.COM
Thanks to an unrestricted educational grant from:

abbvie

Bristol-Myers Squibb

fidia farmaceutici s.p.a.

GE Healthcare