

## 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

## GENERAL INFORMATION

### ORGANIZING SECRETARIAT:



AIM Group International

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### COURSE VENUE

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*OFFICIAL LANGUAGE: English*

### Accreditation

*An application has been made to the EACCME for CME accreditation of this event*

*For the Italian participants the Course will be submitted for CME accreditation from the Italian Ministry of Health.*

[WWW.PRAGLIACOURSE.COM](http://WWW.PRAGLIACOURSE.COM)

### HOW TO GET TO IT

By car

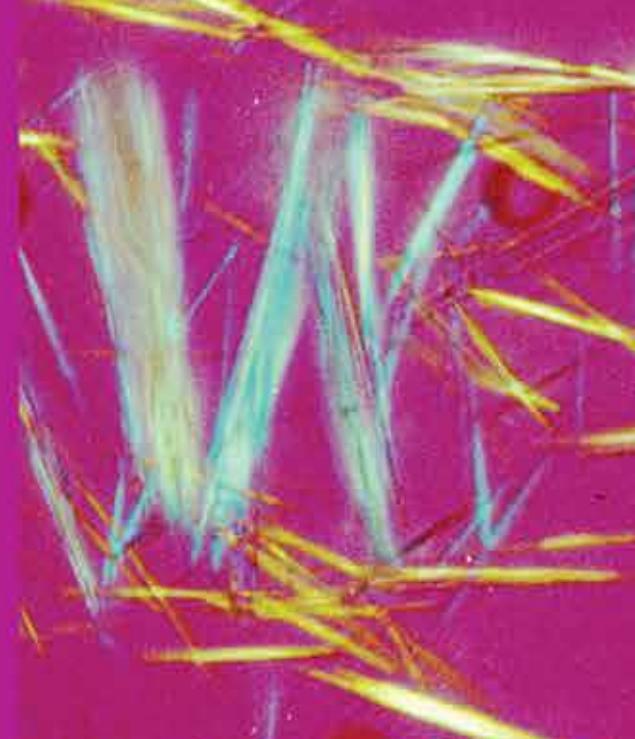
• *From Milano:* highway A4 Milano-Venezia, Grisignano Exit. Proceed toward Montegalda, Cervarese, Montemerlo (Km 18)

• *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



## 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 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*  
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 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),  
A. Scanu (Padova, Italy), C.A. Sciré (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 Dinner with the Expert