

## GENERAL INFORMATION

### *Aim of the Course*

The Course consists in a 5-day update on management of bone and soft tissue tumors with particular emphasis on clinico-pathologic and radiographic correlations including practical studies under microscope. It is addressed to orthopaedic surgeons, oncologists, pathologists, radiologists and basic researchers to improve their knowledge and competence in these pathologies by working in multidisciplinary teams.

The format includes interactive sessions for questions, case presentations and an early morning interactive session of multiple choice questions reviews the topics previously discussed. The last day participants are grouped in multidisciplinary teams to discuss a clinical case. The best teams are awarded a prize.

### *Site*

Istituto di Ricerca Codivilla-Putti  
Via di Barbiano 1/10, Bologna - Italy

(can be easily reached by bus A from railstation and town center)

**Start:** Monday April 16 at 8.30

**End:** Friday April 20 at 13.00

### *Registration fee (VAT included) and Deadlines*

600.00 euro and 450.00 euro for residents with letter from Chief Dept.  
The fee includes: coffee-breaks, 4 lunches, 1 dinner and Course Atlas.

The registration and payment forms will be available online at:  
[www.adarteventi.com](http://www.adarteventi.com)

Deadline for registration is **MARCH 30<sup>th</sup>, 2018**

### *Organizing Secretary*

AD ARTE EVENTI srl  
segreteria@adarteventi.com  
[www.adarteventi.com](http://www.adarteventi.com)  
Phone: +39 051 19936160  
Fax: +39 051 19936170

### *ECM*

For Italian participants doctors and biologists ECM will be given: previous course 35 ECM credits

### *Official Language*

English

**MSP**  
THE COURSE on  
MUSCULOSKELETAL PATHOLOGY

# XXXI Course on MUSCULOSKELETAL PATHOLOGY

**APRIL 16-20, 2018**  
**Istituto Ortopedico Rizzoli**  
**Bologna - Italy**

### *Course Organizers:*

Marco MANFRINI, M.D.  
Davide M. DONATI, M.D.  
Marco GAMBAROTTI, M.D.  
Daniel VANEL, M.D.

### *International Faculty:*

Robert GRIMER, M.D.  
*Royal Orthopaedic Hospital NHS Trust  
Birmingham, UK*

Reinhard WINDHAGER, M.D.  
*Department of Orthopaedics  
Medical University of Vienna*

Angelo P. DEI TOS, M.D.  
*Ospedale "S. Maria di Ca' Foncello"  
ULSS9, Treviso, Italy*

Silvia CAMELLI, M.D.  
*Imaging and Radiotherapy  
Università di Bologna, Italy*

Under the auspices of:



SERVIZIO SANITARIO REGIONALE  
EMILIA - ROMAGNA  
Istituto Ortopedico Rizzoli di Bologna  
Istituto di Ricovero e Cura a Carattere Scientifico



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

European  
Reference  
Network  
for rare or low prevalence  
complex diseases

Network  
Adult Cancers  
(ERN EURACAN)  
Member  
Rizzoli Orthopaedic  
Institute of Bologna  
Italy

- 07.45 **Registration**  
**GENERALITIES**
- 08.30 **Introduction to the course**
- 08.40 **Principles of imaging**
- 09.10 **Principles of bone pathology**
- 09.40 **Staging, biopsy and margins**  
**BENIGN BONE LESIONS**
- 10.10 **Histiocytic Fibroma, Fibrous Dysplasia, Desmoplastic Fibroma, Bone Cyst, Eosinophilic Granuloma, Aneurysmal Bone Cyst**
- 10.50 *Coffee-Break and Histology Review*
- 11.20 **Chondromas, Osteochondromas, Chondroblastoma, Chondromyxoid Fibroma**
- 12.00 **Discussion and cases**
- 13.00 *Lunch*
- 14.00 **Osteoid Osteoma, Osteoblastoma**
- 14.20 **Giant Cell Tumor**
- 15.15 **Interventional Radiology**
- 15.45 *Coffee-Break and Histology Review*
- 16.00 **Discussion and Daily Unknown Case**
- 18.00 *End of the day*

- 08.00 **Discussion of quiz regarding Monday Session**  
**MALIGNANT BONE TUMORS**
- 08.30 **Chondrosarcomas**
- 09.30 **Osteosarcomas**
- 10.15 *Coffee-Break and Histology Review*
- 10.45 **Primary Spindle/Pleomorphic Sarcomas of Bone**
- 11.00 **Ewing and other Small Round Cell Tumors**
- 12.00 **Discussion and cases**
- 13.00 *Lunch*
- 14.00 **Rare Entities: Adamantinoma, Osteofibrous Dysplasia, Chordoma, Benign Notochordal Tumor, Vascular Tumors**
- 15.00 **Principles of chemotherapy in bone sarcomas**
- 15.30 *Coffee-Break and Histology Review*
- 16.00 **Discussion and Daily Unknown Cases**
- 18.00 *End of the day*
- 20.00 *Course Dinner*

- 08.00 **Discussion of quiz regarding Tuesday Session**  
**SOFT TISSUE TUMORS**
- 08.30 **Generalities on Imaging**
- 09.00 **Classification, prognosis and differential diagnosis of soft tissue sarcomas**
- 10.00 *Coffee-Break and Histology Review*
- 10.30 **Principles of treatment in soft tissue lesions:**  
**Local treatment: surgery / Local treatment: radiotherapy / Systemic treatment**
- 11.30 **Discussion and cases**
- 13.00 *Lunch*  
**SURGICAL TECHNIQUES BASED ON CLINICAL CASES**
- 14.00 **Prostheses in Skeletal Reconstruction**
- 14.30 **Allograft in Skeletal Reconstruction**
- 15.00 **Reconstruction in Children**
- 15.30 *Coffee-Break*
- 16.00 **Pelvic Surgery**
- 16.30 **Surgical Management of Spine and Sacral Tumors**
- 16.00 **Discussion**
- 18.00 *End of the day*

- 08.00 **Discussion of quiz regarding Wednesday Session**
- 08.30 **Discussion of selected cases presented by participants**
- 10.30 *Coffee-Break*
- 11.00 **Discussion of selected cases presented by participants**
- 12.30 *Lunch*  
**ROUND TABLE: CONTROVERSIES IN SARCOMA MANAGEMENT**
- 14.00 **Biopsy: why, when and how**
- 14.30 **Differential diagnosis between high and low grade bone tumors**
- 15.00 **Molecular versus morphological diagnosis in soft tissue tumors**
- 15.30 *Coffee-Break*
- 16.00 **What is a safe surgical margin?**
- 16.30 **Controversies in chemotherapy**
- 17.00 **Preop versus postop radiotherapy**
- 17.30 **Discussion and Daily Unknown Cases**
- 18.00 *End of the day*

- 08.00 **Discussion of quiz regarding Thursday Session**
- 08.30 **Display of 10 final unknown cases and teams line-up**
- 10.00 *Coffee-Break*
- 10.15 **Test continuing education (ECM)**
- 10.30 **Discussion of the final unknowns and Musculoskeletal Pathology Contest**
- 13.00 *End of the course and award ceremony*