

# XXXVII Course on MUSCULOSKELETAL PATHOLOGY

**May 11-14, 2026**

**IRCCS Istituto Ortopedico Rizzoli - Bologna, Italy**

*Course Organizers and Scientific Coordinators*

**Davide M. DONATI**, Orthopaedic Oncology  
**Laura CAMPANACCI**, Orthopaedic Oncology

**Tommaso FRISONI**, Orthopaedic Oncology

**Marco GAMBAROTTI**, Pathology

**Eric L. STAALS**, Orthopaedic Oncology

*Department of Musculoskeletal Oncology,  
Rizzoli Orthopaedic Institute, Bologna, Italy*

*Invited Speaker*

**Silvia CAMELLI**, Radiation Oncology  
*University Hospital IRCCS, Sant' Orsola Polyclinic, Bologna, Italy*

**Marco CIANCHETTI**, Proton Therapy  
*Department of Proton Therapy, Trento, Italy*

**Lee JEYS**, Orthopaedic Oncology  
*Royal Orthopaedic Hospital NHS, Birmingham, UK*

**Kirsten VAN LANGEVELDE**, Radiology and Nuclear Medicine  
*Amsterdam University Medical Center, Amsterdam, The Netherlands*

[www.musculoskeletalpathologycourse.it](http://www.musculoskeletalpathologycourse.it)



## GENERAL INFORMATION

### AIM OF THE COURSE

The course is a four-day program focused on the latest challenges in diagnosis and management of bone and soft tissue tumors, with particular emphasis on clinicopathologic and radiographic correlations. It is designed for orthopedic surgeons, oncologists, pathologists, radiologists, radiotherapists and basic researchers who wish to deepen their expertise in musculoskeletal tumors.

The format features includes interactive sessions, multidisciplinary case discussions, and lectures by internationally recognized experts in musculoskeletal oncology. On the final day, participants will work in teams to apply their knowledge in a contest involving unknown cases.

### SITE

#### Istituto di Ricerca Codivilla-Putti - IRCCS Istituto Ortopedico Rizzoli

Via di Barbiano 1/10, Bologna, Italy

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

### REGISTRATION FEE

The registration fee covers:

- admittance to the scientific session and final program
- refreshments during break and lunches
- certificate of attendance

	<b>Early Registration until March 1<sup>st</sup> 2026</b>	<b>Late Registration from March 2<sup>nd</sup> 2026</b>
<input type="checkbox"/> Regular	500,00 €	600,00 €
<input type="checkbox"/> SIAPEC Member	410,00 €	510,00 €
<input type="checkbox"/> Resident	250,00 €	350,00 €
<input type="checkbox"/> SIAPEC Resident	210,00 €	310,00 €
<input type="checkbox"/> UNIBO Residents, PhD Students, International Fellows of the IOR Orthopaedic and Traumatology Clinic III (Oncology)	150,00 €	250,00 €
<input type="checkbox"/> UNIBO Residents, and Rizzoli Orthopedic Institute's Physicians	100,00 €	100,00 €

*All prices are VAT included*

**The registration and payment forms will be available online at**  
[www.lcfcongress.com/eventi/xxxvii-course-on-musculoskeletal-2026](http://www.lcfcongress.com/eventi/xxxvii-course-on-musculoskeletal-2026)

### ORGANIZING SECRETARIAT

#### LCF CONGRESS FACTORY S.R.L.

www.lcfcongress.com e-mail: info@lcfcongress.com  
cell: +39 347 0901829 phone: +39 0532 1883439



### OFFICIAL LANGUAGE

English

## MONDAY, 11 May 2026

**08.30** *Registration and Welcome reception*

**09.00** *Course introduction - E.L. Staals*

### **09.15** **BASICS OF MUSCULOSKELETAL PATHOLOGY**

**Bone tumors made easy**

*K. Van Langevelde*

**Biopsy and margins: avoiding pitfalls**

*E. Staals*

**Bone tumor pathology: the three circles theory**

*M. Gambarotti/A. Righi*

**10.45** *Q & A*

**11.00** *Coffee break*

### **11.30** **PSEUDO TUMORAL BONE LESIONS**

**Simple Bone Cysts, NOF, Fibrous Dysplasia, Aneurysmal Bone Cysts**

*Presenter: L. Campanacci*

*Panel: M. Gambarotti/A. Righi (Pathologist)*

*G. Facchini (Radiologist)*

**Leave me alone lesions** *L. Campanacci*

**Biopsy or not to biopsy... that's the question?** *M. Gambarotti*

**When is surgery required?** *L. Campanacci*

**How to differentiate cystic lesions?** *G. Facchini*

**How to treat aneurysmal bone cysts?** *L. Campanacci*

**12.45** *Q & A*

**13.00** *Lunch break (display of unknown cases on monitors)*

### **14.00** **BENIGN BONE LESIONS**

**Giant Cell Tumor of Bone, Chondroblastoma, Osteoid Osteoma, Osteoblastoma, Chondromyxoid Fibroma**

*Presenter: E.L. Staals*

*Panel: A. Righi/M. Gambarotti (Pathologist)*

*G. Facchini (Radiologist)*

*M. Cesari/T. Ibrahim (Medical Oncologist)*

*A. Gasbarrini/R. Ghermandi (Spine*

*Surgeon) L. Jeys (Orthopaedic Surgeon)*

Diagnostic keys for benign bone tumors *A. Righi*  
Surgical treatment and less-invasive techniques *E.L. Staals*  
Use of denosumab *M.Cesari*  
Updates from boom cape town 2026 *L. Jeys*  
Surgery for benign bone tumors of the spine *R. Ghermandi*

**15.00 Q & A**

**15.15 CARTILAGE TUMORS**

Enchondroma, Osteochondroma, ACT, Chondrosarcoma

Presenter: *E.L. Staals*

Panel: *A. Righi/M. Gambarotti (Pathologist)*

*G. Facchini (Radiologist)*

*G. Frega/T. Ibrahim (Medical Oncologist)*

*L. Jeys (Orthopaedic Surgeon)*

The histological transition from benign to malignant cartilage *A. Righi*

Is it necessary to biopsy cartilage lesions? Surgical treatment for cartilage tumors *G. Facchini*

The role of medical treatments in cartilage tumors *G. Frega*

International consensus: boom birmingham *L. Jeys*

**16.30 Q & A**

**16.45 DISCUSSION OF UNKNOWN CASES**

**17.30 End of the day**

**TUESDAY, 12 May 2026**

**08.15 MALIGNANT OSTEOID PRODUCING BONETUMORS**

Presenter: **T. Frisoni**

Panel: **P. Spinnato (Radiologist)**

**M. Gambarotti (Pathologist)**

**M. Cesari/T. Ibrahim (Medical Oncologist)**

**A. Gasbarrini/R. Ghermandi (Spine surgeon) F. Davoli (Thoracic surgeon)**

**L. Jeys (Orthopaedic Surgeon)**

Radiology and pathology features in different variants and unusual presentation **P. Spinnato**

Malignant progression in bone forming tumors **M. Gambarotti**

Multidisciplinary approach in localized and metastatic patients **M. Cesari**

Surgical treatment: what is a safe margin? **T. Frisoni**

The perspective of the spine surgeon **R. Ghermandi**

**09.45 Q & A**

**10.00 Coffee break (display of unknown cases on monitors)**

**10.30 ROUND CELL SARCOMAS**

Presenter: **E.L. Staals**

Panel: **S. Quarchioni (Radiologist)**

**A. Righi/M. Gambarotti (Pathologist)**

**A. Paioli/ T. Ibrahim (Medical Oncologist)**

**S. Cammelli/M. Cianchetti (Radiation Oncologist)**

**L. Jeys (Orthopaedic Surgeon)**

Diagnostic challenges in Round Cell Tumors **E. L. Staals**

Multidisciplinary approach in the treatment of Ewing Sarcoma **A. Paioli**

How to treat non-responsive Ewing Sarcoma? **A. Paioli**

New variants of Round Cell Tumors **A. Righi**

**12.00 Q & A**

**12.15 DISCUSSION OF UNKNOWN CASES**

**13.00 Lunch break (display of unknown cases on monitors)**

## **14.00 SOFT TISSUE TUMORS**

*Presenter: G. Bianchi*

*Panel: K. Van Langevelde (Radiologist)*

*M. Gambarotti/A. Righi (Pathologist)*

*P. Dileo/T. Ibrahim (Medical Oncologist)*

*S. Cammelli/M. Cianchetti (Radiation Oncologist)*

*M. Innocenti/F. Mori (Plastic surgeon)*

**MRI tips and tricks for soft tissue tumors** *K. Van Langevelde*

**Tissue sampling and histopathology of Soft Tissue Tumors** *M. Gambarotti*

**Surgical treatment and functional reconstruction** *F. Mori*

**Role of radiotherapy** *S. Cammelli*

**Systemic therapies for STS** *P. Dileo*

**Clinical cases - Soft Tissue Sarcoma MDT** *G. Bianchi*

## **15.15 Q & A**

### **15.30 Coffee break**

*Basic Research E-Poster Presentation*

## **16.30 DISCUSSION OF UNKNOWN CASES**

## **17.30 End of the day**

## WEDNESDAY, 13 May 2026

### 08.30 SECONDARY BONE LESIONS

Presenter: **C. Errani**

Panel: **G. Facchini (Radiologist)**

**A. Gasbarrini/R. Ghermandi (Spine surgeon)**

**D. Donati/L. Campanacci (Orthopaedic surgeon)**

**G. Frega/T.Ibrahim (Medical oncologist)**

Understanding cancer metastasis **C. Errani**

The role of embolization in the treatment of bone metastases **G. Facchini**

The role of electrochemotherapy in the treatment of bone metastases

**L. Campanacci**

The role of surgery for spinal metastases **R. Ghermandi**

The role of surgery for proximal femur metastases **C. Errani**

### 10.00 Q & A

### 10.15 Coffee break

### 10.45 RARE ENTITIES. EVOLUTION OF TREATMENT STRATEGIES

Desmoid tumors

**C. Errani, A. Righi/M. Gambarotti, P. Dileo**

Vascular tumors

**C. Errani, A. Righi/M. Gambarotti**

Chordoma

**A. Gasbarrini/R. Ghermandi, M. Cianchetti**

Tenosynovial Giant Cell Tumor

**E. Staals, A. Paioli**

### 12.15 Q & A

### 12.30 End of the accredited program and opening of the ECM questionnaire

### GUIDED VISIT TO THE RIZZOLI LIBRARY

### 13.00 Lunch break

**14. 30 PARALLEL SESSIONS WITH THE EXPERTS** (Non-ECM session)

**Surgery: Skeletal Reconstructions** (Marchetti Hall)

Pediatric reconstructions

*L. Campanacci*

Pelvic surgery for bone tumors

*L. Jeys*

Actual role of custom implants in bone tumor surgery

*D.M. Donati*

**Histopathology Workshop** (Pathology Anatomy Classroom)

Case discussions

*M. Gambarotti/A. Righi*

**Radiology Workshop** (Radiology Classroom)

Tumor mimics and pitfalls

*K. Van Langevelde*

Interventional radiology

*G. Facchini*

Discussion of challenging cases

*G. Facchini*

**16.30** *Coffee break*

**17.00 SELECTED CLINICAL CASES PRESENTED BY PARTICIPANTS**  
(Non-ECM session)

**18.00** *End of the day*

**THURSDAY, 14 May 2026** (Non-ECM session)

**08.30** Display of final unknown cases and teams line-up


**10.00** *Coffee break*

**10.15 DISCUSSION OF THE FINAL UNKNOWNNS AND  
MUSCULOSKELETAL PATHOLOGY CONTEST** (Non-ECM session)

Presenter: **Staff and Guests**

**13.00** *End of the course and award ceremony*

## ITALIAN CME ACCREDITATION

The course will be accredited by the Provider MED3  (ID 34) for 100 participants, for the following categories: Italian orthopedic surgeons, pathologists, radiologists, oncologists, and radiation oncologists.

**CME ID:** 484583

**CME Credits:** 17

### **Educational Objective:**

18 - Technical-professional content (knowledge and skills) specific to each profession, each specialization, and each ultra-specialized activity, including rare diseases and gender medicine.

### **Online completion of the ECM questionnaire:**

Available from 12:30 pm on May 13 to 12:30 pm on May 16, 2026

After this deadline, it will no longer be possible to take the test.

ECM credits will be awarded to those who correctly answer at least 75% of the questions.

It is mandatory to complete and submit the registration/personal data form to the secretariat at the end of the event and to attend at least 90% of the total duration of the sessions.

### **To access the questionnaires:**

- Go to the website [www.med3.it](http://www.med3.it)
- Click on the “Questionnaire Area” button in the right-hand column of the homepage.
- Select the attended course, enter your tax code, and click “Access”.
- Follow the instructions.

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**AUSPICIE OBTAINED**

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Club Italiano di Oncologia del Sistema Muscoloscheletrico



EURO Ewing Consortium



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info@lcfcongress.com | www.lcfcongress.com  
centralino Tel: +39 0532 1883439  
lcf@sicurezza postale.it | P.IVA: 02070370388  
SDI: KRRH6B9 | REA: FE - 223323

**SEDI:**

- Via Piangipane 141 int.7 | 44121 Ferrara
- Passeggiata Groß Gerau 4c | 39031 Brunico-Brunneck (BZ)