

# PROGRAMME



**bstt**

MADRID COURSE **Dr. E. Ortiz Cruz**

7<sup>th</sup> MULTIDISCIPLINARY  
**BONE AND SOFT  
TISSUE TUMORS  
MADRID COURSE**

**6-9 feb 2019**



Supported" by Musculoskeletal Tumor  
Society (MSTS)

[www.bstt-madridcourse.com](http://www.bstt-madridcourse.com)

# PRESENTATION

*We are delighted to announce the organization of the 7th Bone and Soft Tissue Tumors Madrid Course in Madrid, Spain to be held in February 2019.*

*We are privileged to be presenting it again this year, and have increased, updated, and diversified its content to make it more applicable to relevant physicians than before.*

*The faculty include internationally renown orthopaedic oncology surgeons, musculoskeletal pathologists, bone radiologists, medical oncologists, reconstructive and reparative surgeons and medical radiation oncologists from the best sarcomas centers including Harvard Medical School - Massachusetts General Hospital (Boston) and Beth Israel Deaconess Medical Center (Boston), David Geffen School of Medicine and Ronald Regan Medical Center of University of California Los Angeles (UCLA), Miller School of Medicine, University of Miami, MD Anderson Cancer Center of University of Texas (Houston), Health Science Center of University of Texas San Antonio, University Hospital of New Jersey Medical School, (Newark), NOVA Southeastern University College of Allopathic Medicine (Fort Lauderdale), and La Paz University Hospital (Madrid).*

*The Course is based on the precepts established by its founder Dr. Henry J. Mankin and is supported by the Musculoskeletal Tumor Society ([www.msts.org](http://www.msts.org)). Many of the faculty are MSTs members and include leaders of its standing committees and president of the society. The participants (120 - 150; 40% from outside of Spain) include residents, fellows, and practicing clinicians who are interested in orthopaedic, medical, and radiation oncology, pathology, radiology, and reconstructive surgery who treat patients with bone and soft tissue neoplasms. The course offers state of the art scientific information regarding the epidemiology, genetics, diagnosis, radiology and treatment of musculoskeletal tumors.*

*In this course of 2019, we have the invaluable collaboration of Andrés Redondo, sarcoma medical oncologist, putting emphasis on the medical treatment of soft tissue sarcomas. The course offers to all multidisciplinary sarcoma team greater knowledge of the scientific basis of musculoskeletal pathology, in which the roles of the orthopaedic surgeon, pathologist and radiologist overlap. This is complemented by the range of different treatment options, both general (medical oncology) and local (orthopaedic oncology surgery, radiation oncology and reconstructive and reparative surgery).*

*The course has new national speakers and renewed conferences, as well as an extension to practical clinical cases and interactive participation, making it increasingly attractive for all participants and assistants.*

*A truly multidisciplinary approach is taken throughout the course, as it to be expected in the treatment of these kinds of pathologies.*

*This course was organized in Madrid in 2000, 2003, 2009, 2012, 2014 and 2016 with excellent attendance figures, since when we have been repeatedly asked when we would be organizing it again. We feel privileged to be holding it again this year, having enlarged, updated and diversified its content to make it even more popular than before.*

**Dr. Eduardo J. Ortiz Cruz**  
Course Director

**Dr. Andrés Redondo**  
Course Codirector

# INFORMATION

## VENUE

Aula Ortiz Vázquez, Hospital Universitario La Paz. Madrid.

## LANGUAGE

The course will be given in English with simultaneous translation into Spanish.

## ORGANIZATION

FUAM (Fundación de la Universidad Autónoma de Madrid)

## REGISTRATION FEES

**COURSE:** only theory

General
Residents and fellows

**COMPLETE COURSE:** theory and practice on computer- LAB  
(Limited capacity)

General
Residents and fellows

until oct. 31 <sup>st</sup> 18	until january 1 <sup>st</sup> 19
€ 400	€ 500
€ 300	€ 300
€ 600	€ 800
€ 500	€ 500

## LIMITED PLACES

Places for computers are limited and applicants will be accepted on a strict first-come first-served basis.

## REGISTRATION

Registration is either online or by sending the PDF form on the website:

[www.bstt-madridcourse.com](http://www.bstt-madridcourse.com)

## SCIENTIFIC SECRETARIAT

Eduardo J. Ortiz Cruz, MD  
Andrés Redondo, MD

## ACCOMMODATION

If you need accommodation you can either book it on the website or contact the Technical Secretariat.

## TECHNICAL SECRETARIAT

Provalentia Congresos  
Avda. Reino de Valencia, 77 46005 - Valencia - España  
Tel.: +34 963 734 690  
[provalentia@provalentia.com](mailto:provalentia@provalentia.com)

# FACULTY

## **JOSEPH BENEVENIA (USA)**

Professor & Chair Department of Orthopaedics. Orthopaedic Oncology. Rutgers - New Jersey Medical School. University Hospital, Newark. President elected, Musculoskeletal Tumor Society.

## **NICHOLAS BERNTHAL (USA)**

Pediatric Orthopaedic Surgery. Orthopaedic Surgery Ronald Reagan UCLA Medical Center. UCLA Medical Center, Santa Monica. USA.

## **MARK C. GEBHARDT (USA)**

Chief of Orthopaedic Oncology Surgery B Medical Center. Frederick W. and Jane M. Ilfeld Professor of Orthopaedic Surgery Harvard Medical School. Boston.

## **ROBERT H. QUINN (USA)**

Chair & Professor, Department of Orthopaedic Surgery. University of Texas Health Science Center at San Antonio. Immediate Past President, Musculoskeletal Tumor Society.

## **FRANCIS J. HORNICEK (USA)**

Chair of the Department of Orthopaedic Surgery at UCLA. David Geffen School of Medicine at UCLA. Ronald Reagan UCLA Medical Center, Santa Monica.

## **SANTIAGO LOZANO CALDERON (USA)**

Orthopaedic Oncology Surgeon Instructor in Orthopaedic Surgery, Harvard Medical School Massachusetts General Hospital Boston, USA.

## **PETUR NIELSEN (USA)**

Professor of Pathology, Harvard Medical School. Pathologist, Department of Pathology. Director of Bone and Soft Tissue Pathology. Director of Electron Microscopy Unit, Massachusetts General Hospital, Boston.

## **EDUARDO J. ORTIZ CRUZ (SPAIN)**

Chief of Orthopaedic Oncology Section. Hospital Universitario La Paz. MD Anderson Cancer Center and Ruber Hospital, Madrid. Hospital Universitario de Montepincipe, Boadilla del Monte, Madrid.

## **SHREYASKUMAR R. PATEL (USA)**

Robert R. Herring Distinguished Professor of Medicine. Center Medical Director, Sarcoma Center. Deputy Chairman, Dept. of Sarcoma Medical Oncology The University of Texas. M.D. Anderson Cancer Center.

## **JUAN PRETELL (USA)**

Orthopedic Oncology Surgeon. Assistant Professor of Orthopedics - Miller School of medicine. University of Miami - Department of Orthopedics. Miami, Florida. USA.

## **ANDRÉS REDONDO SÁNCHEZ (SPAIN)**

Sarcoma Medical Oncology. Hospital Universitario La Paz, Madrid.

## **ANDREW E. ROSENBERG (USA)**

Professor and Vice Chair. Director of Bone & Soft Tissue Pathology. Miller School of Medicine, University of Miami Hospital.

## **ALAN L. SCHILLER (USA)**

Founding Chair and Professor of Pathology, NOVA Southeastern University. College of Allopathic Medicine, Florida - USA. HCA Program Director. Pathology Residency Program, Kendall Regional Medical Center.

# OTHER SPEAKERS

## **IRENE BARRIENTOS RUIZ**

Orthopaedic Oncology Surgery.  
Hospital Universitario La Paz, Madrid, Spain.

## **BELÉN BELINCHÓN OLMEDA**

Radiation Oncology.  
Hospital Universitario La Paz y Hospital Ruber Internacional,  
Madrid, Spain.

## **DANIEL BERNABEU TABOADA**

Radiology and Musculoskeletal Imaging Section.  
Hospital Universitario La Paz, Madrid, Spain.

## **ANGEL BUENO H.**

Radiology and Musculoskeletal Imaging Section.  
Hospital Universitario Fundación Alcorcón, Madrid, Spain.

## **RAQUEL CORREA**

Radiation Oncology Department  
Hospital Universitario Virgen de la Victoria, Málaga, Spain.

## **RICARDO CUBEDO**

Medical Oncology Department. Hospital Universitario Puerta de Hierro. Instituto Oncológico Baselga, Madrid, Spain.

## **MARIA PURIFICACIÓN DOMINGUEZ FRANJO**

Chair of Pathological Anatomy Service. Hospital Ruber Internacional and Hospital Rey Juan Carlos, Grupo Quiron. Madrid.

## **XAVIER GARCIA DEL MURO**

Medical Oncology Department. Hospital Quirón Salud. Instituto Oncológico Baselga, Barcelona, Spain.

## **CARMEN IGLESIAS URRACA**

Plastic and Reconstructive Surgery.  
Hospital Universitario La Paz, Madrid, Spain.

## **JAVIER MARTIN BROTO**

Chairman of Grupo GEIS. Medical Oncology Department.  
Hospital Universitario Virgen del Rocío, Sevilla, Spain.

## **MARTA MENDIOLA**

Molecular Pathology Laboratory. Instituto de Genética Médica y Molecular. Hospital Universitario La Paz, Madrid, Spain.

## **MANUEL PELETEIRO PENSADO**

Orthopaedic Oncology Surgery.  
Hospital Universitario La Paz, Madrid, Spain.

## **JOSÉ JUAN POZO KREILINGER**

Bone and Soft Tissue Pathology.  
Hospital Universitario La Paz, Madrid, Spain.

## **PEDRO RUBIO**

Pediatric Hematology & Oncology Department.  
Hospital Universitario La Paz, Madrid, Spain.

## **JUAN CARLOS VIERA**

Radiation Oncology Department  
M.D. Anderson Cancer Center, Madrid, Spain.



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**PROGRAMME**  
WEDNESDAY 6<sup>th</sup>

9:00-9:15 Welcome and Introduction  
*E. Ortiz Cruz / Andrés Redondo*

## 1. INTRODUCTION TO MUSCULOESKELETAL TUMORS

Moderators: *A. Rosenberg / E. Ortiz Cruz*

9:15-9:45 Growth and Development of the Skeletal System  
*A. Schiller*

9:45-10:15 The Biology of Bone  
*A. Rosenberg*

10:15-10:45 Introduction to Bone tumors: The Who's, What's and Why's  
*A. Rosenberg*

10:45-11:15 Role of the Radiologist in the Analysis of Musculoskeletal Tumors  
*A. Bueno*

11:15-11:30 Questions

**11:30-11:50 COFFEE**

Moderators: *A. Redondo / J. J. Pozo*

11:50-12:20 Molecular Biology of Sarcomas - the Basics  
*M. Mendiola*

12:20-12:50 Multidisciplinary team approach in treating the patient with sarcoma  
*A. Redondo*

12:50-13:20 Tumor-like lesions: Fracture Callus, Myositis Ossificans, Brown Tumor, Bizarre Parosteal Osteochondromatous Proliferations  
*A. Schiller*

13:20-13:50 Benign Cystic Lesions of Bone: UBC, ABC, ganglion  
*E. Ortiz Cruz / J. J. Pozo*

13:50-14:20 Pathology of Joint Disease / Joint Tumors  
*S. Lozano / P. Nielsen*

14:20-14:35 Questions

**14:35-15:30 LUNCH / WORKSHOP - MBA**

15:30-16:15 Case Presentation. Tumor Board.  
(Televoting for audience participation)  
*Presenters: La Paz Sarcoma Committee*  
*Discussants: International Faculties*

## 2. BONE TUMORS

Moderators: *S. Lozano / F. J. Hornicek*

16:15-16:45 Benign Cartilage Tumors  
*F. J. Hornicek / P. Nielsen*

16:45-17:15 Malignant Cartilage Tumors  
*F. J. Hornicek / A. Rosenberg*

17:15-17:30 PET Scan in the Evaluation of Cartilage Tumors  
*J. Pretell*

**LAB**

17:45-19:15 Normal Bone Growth Plate; Joint Disease And Tumors, Cartilage Tumors; Myositis Ossificans, Cystic Tumors Of Bone, Summation.  
*A. Schiller / P. Nielsen / A. Rosenberg / J. J. Pozo / M. P. Dominguez*



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THURSDAY 7<sup>th</sup>

**Moderators:** M.C. Gebhardt / E. Ortiz Cruz

8:30-9:00 Benign Bone Forming Tumors: Osteoid Osteoma, Osteoblastoma  
*M. C. Gebhardt / A. Schiller*

9:00-9:30 Malignant Bone Tumors: Osteosarcoma and Variants  
*M. C. Gebhardt / A. Rosenberg*

9:30-10:00 Systemic Treatment of Osteosarcoma  
*S. Patel*

10:00-10:30 Benign and Malignant Fibrous Tumors of Bone  
*J. Benevenia / A. Rosenberg*

10:30-10:50 Fibro-osseous Tumors of Bone  
*M. C. Gebhardt / G. Nielsen*

10:50-11:00 Questions

**11:00-11:20 COFFEE**

**Moderators:** A. Redondo / S. Patel

11:20-11:50 Giant Cell Tumor of Bone and the Use of Adjuvants  
*R. Quinn / A. Rosenberg*

11:50-12:10 Medical Treatment of GCT of Bone  
*R. Cubedo*

12:10-12:30 Round Cell Tumors of bone (Ewing Sarcoma / Myeloma / Lymphoma / Langerhans Cell Histiocytosis)  
*R. Quinn / P. Nielsen*

12:30-13:00 Systemic Treatment of Ewing Sarcoma; the State of the Art  
*S. Patel*

13:00-13:20 Notochordal Tumors  
*P. Nielsen*

13:20-13:40 Questions

13:40-13:50 Patients Associations  
*Fundación Mari Paz Jiménez / AEAS*

**14:00-15:00 LUNCH / WORKSHOP**

**Moderators:** E. Ortiz Cruz / F. J. Hornicek

15:00-15:45 Case Presentation. Tumor Board. Televoting for audience participation  
*Presenters: La Paz Sarcoma Committee*  
*Discussants: International Faculties*

15:45-16:05 Surgical Treatment of Spine tumors  
*F. J. Hornicek*

16:05-16:25 Radiation Therapy for Bone Sarcoma  
*R. Correa*

16:25-16:45 Current Status of Reconstructions for Bone Sarcomas in Children  
*M. C. Gebhardt*

16:45-17:05 Current Status of Reconstructions for Bone sarcomas in Adults  
*F. J. Hornicek*

17:05-17:25 What's New in surgery for Pelvic Tumors?  
*J. Benevenia*

17:25-17:45 To cement or Not to Cement: Fixation of Endoprostheses into Bone  
*N. Bernthal*

17:45-18:00 Questions

**LAB**

18:15-19:45 Benign and Malignant Bone Forming Tumors, Benign and Malignant Cartilage Tumors, Giant cell tumor, Benign Cystic Lesions, Benign Fibrous lesions, Joint tumors, Summation  
*A. Schiller / P. Nielsen / A. Rosenberg / J. J. Pozo / M. P. Domínguez*

	<p>7<sup>th</sup> MULTIDISCIPLINARY  <b>BONE AND SOFT          TISSUE TUMORS          MADRID COURSE</b>          6-9 feb 2019</p>	<p><b>PROGRAMME</b>  <b>FRIDAY 8<sup>th</sup></b></p>
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### 3. SOFT TISSUE TUMORS

Moderators: P. Nielsen / E. Ortiz Cruz

- 8:30-9:00 Soft Tissue Sarcoma: Classification, Grading, and Handling specimens  
*P. Nielsen*
- 9:00-9:20 Current Status of Soft Tissue Sarcoma Surgery  
*E. Ortiz Cruz*
- 9:20-9:40 Role of Plastic Surgery in Soft Tissue Sarcomas  
*C. Iglesias*
- 9:40-10:00 The Unplanned Excision: the Best Approach  
*J. Pretell*
- 10:00-10:30 (Neo)adjuvant Chemotherapy for Soft tissue Sarcomas  
*S. Patel*
- 10:30-10:45 Questions
- 10:45-11:00 COFFEE**
- Moderators: J. Martín Broto / A. Redondo
- 11:05-11:30 Imaging of Soft Tissue Sarcomas: Evaluation of Response and Follow-up  
*D. Bernabéu*
- 11:30-11:50 First Line Systemic Treatment in Advanced Soft Tissue Sarcomas  
*A. Redondo*
- 11:50-12:10 Tailored Therapy for Second Line Treatment in Advanced Soft Tissue Sarcomas  
*X. García del Muro*
- 12:10-12:30 Adjuvant Radiation therapy in Soft Tissue Sarcomas  
*B. Belinchón*
- 12:30-13:00 Questions

### 13:00-14:30 LUNCH / WORKSHOP

Moderators: A. Redondo / J. Martín Broto

- 14:30-15:10 Case Presentation. Tumor Board.  
(Televoting for audience participation)  
*Presenters: La Paz Sarcoma Committee*  
*Discussants: International Faculties*
- 15:10-15:30 Update of Rhabdomyosarcoma  
*P. Rubio*
- 15:30-15:50 New Treatments for Chemo Resistant Sarcomas  
*J. Martín Broto*
- 15:50-16:20 Fibromatosis: A Multidisciplinary Approach. Is It Still a Surgical Disease?  
*E. Ortiz Cruz / J. C. Viera / D. Bernabeu / A. Redondo*
- 16:20-16:30 Questions

## LAB

- 17:00-18:30 Soft Tissue Sarcomas, Ewing Sarcoma, Chordoma, Langerhans Cell Histiocytosis, GCT, Summation  
*A. Schiller / P. Nielsen / A. Rosenberg / J. J. Pozo / M. P. Dominguez*



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#### 4. CHALLENGES IN ORTHOPAEDIC SURGERY

Moderators: J. Benevenia / E. Ortiz Cruz

- 9:30-9:50 Metastatic Disease to Soft Tissue  
*J. Pretell*
- 9:50-10:10 Outcomes in Musculoskeletal Oncology: Surgeon or Patient Centered  
*R. Quinn*
- 10:10-10:30 Experience with radio transparent nails  
*S. Lozano*
- 10:30-10:50 Am I nailing a Pathologic Fracture?  
*F. Hornicek*
- 10:50-11:10 Pathologic Fracture in Children. Prediction and Treatment  
*M. Gebhardt*
- 11:10-11:30 COFFEE**
- 11:30-11:50 Salvage of Complications of Prior Tumor Surgeries  
*J. Benevenia*
- 11:50-12:10 Complications of Orthopaedic Oncological Procedures  
*M. Peleteiro / I. Barrientos*
- 12:10-12:30 Infections in Megaprotheses Surgery. Past, Present and future  
*N. Bernthal*
- 12:30-13:00 Questions and Closing Remarks  
*M. Gebhardt / F. Hornicek*



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**AUSPICES**



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