BONE AND SOFT TISSUE TUMORS
MADRID COURSE
30 nov - 02 dec 2016

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www.bstt-madridcourse.com
We are delighted to announce the organization of the sixth Bone and Soft Tissue Tumors Madrid Course in Madrid.

Orthopaedic oncology surgeons, musculoskeletal pathologists, bone radiologists, medical oncologists, reconstructive and reparative surgeons and medical radiation technologists from the University Hospital, Newark (New Jersey), Harvard Medical School, the Massachusetts General Hospital (Boston), the Beth Israel Deaconess Medical Center (Boston), the University of Hawaii, the Medical Oncology Department of the MD Anderson Cancer Center (Houston), University of Texas Health Science Center at San Antonio, Medical University of South Carolina and the La Paz University Hospital (Madrid) will be responsible for imparting the course in accordance with the precepts established since the course started by Dr. Henry J. Mankin.

The course offers orthopaedic surgeons, pathologists and radiologists greater knowledge of the scientific foundations 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).

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 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. Ortíz Cruz
Dr. Eduardo García Cimbrelo

PRESENTATION

INFORMATION

VENUE
Aula Magna. University Hospital of La Paz
Pº de la Castellana, 261 · 28046 Madrid

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

ORGANIZATION
Orthopaedic Surgery and Traumatology Service, Musculoskeletal System Tumours Unit, University Hospital of La Paz. Madrid.

CUOTAS DE INSCRIPCIÓN
Full course: theory plus practical work on computers 800€
Course: theory only 500€
(VAT included)

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

SCIENTIFIC SECRETARIAT
Eduardo J. Ortiz Cruz, MD

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

TECHNICAL SECRETARIAT
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JOSEPH BENEVENIA  
Professor & Chair. Dept. of Orthopaedics. Orthopaedic Oncology. Rutgers - New Jersey Medical School. University Hospital, Newark. Secretary, Musculoskeletal Tumor Society.

NICOLA FABBRI  
Attending surgeon. Memorial Sloan Kettering Cancer Center. Orthopaedic Oncology Surgery. Professor, Weill College of Medicine, Cornell University.

MARK C. GEBHARDT  
Chief of Orthopaedic Oncology Surgery Beth Israel Deaconess Medical Center. Frederick W. and Jane M. Ilfeld Professor of Orthopaedic Surgery Harvard Medical School. Boston.

FRANCIS J. HORNICEK  
Chief of Orthopaedic Oncology Service Co-Director, Center for Sarcoma and Connective Tissue Oncology Massachusetts General Hospital. Professor of Orthopaedic Surgery Harvard Medical School. Boston.

LEE LEDDY  
Associate Professor of Orthopaedics. Orthopaedic Oncology. Residence Program Director. Medical University of South Carolina.

JOSEPH E. NAVIA GIRALDO  
Chief Orthopaedic Oncology Unit and Orthopaedic Reconstruction Universidad del Valle (Cali). Centro Medico Imbanaco, Cali - Colombia.

PETUR NIELSEN  
Associate Professor of Pathology Chief of Bone and Soft Tissue Pathology Director of Electron Microscopy Massachusetts General Hospital Harvard Medical School. Boston.

EDUARDO J. ORTIZ CRUZ  
Chief of Orthopaedic Oncology Section. Hospital Universitario La Paz. MD Anderson Cancer Center and Ruber Hospital Madrid.

SHREYASKUMAR R. PATEL  
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.

ROBERT QUINN  
Chair, Professor, Residency Program Director. Orthopaedic Oncology. Department of Orthopaedic Surgery. University of Texas Health Science Center at San Antonio. President-elect, Musculoskeletal Tumor Society.

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

ALAN L. SCHILLER  
Professor and Chairman, Department of Pathology John A. Burns School of Medicine. University of Hawaii.
SPEAKERS

IRENE BARRIENTOS RUIZ
Orthopaedic Oncology Surgery.
Hospital Universitario La Paz, Madrid.

BELÉN BELINCHÓN OLMEDA
Radiation Oncology.
Hospital Universitario La Paz, Madrid.

DANIEL BERNABEU TABOADA
Radiology and Musculoskeletal Imaging Section.
Hospital Universitario La Paz, Madrid.

ALEJANDRO BRAÑA VIGIL
Head of Orthopaedic Surgery and Traumatology.
Hospital Central de Asturias.

LUÍS FERRANDEZ PORTAL
Emeritus Professor. Orthopaedic Surgery.
Universidad Complutense de Madrid.

CARMEN IGLESIAS URRACA
Plastic and Reconstructive Surgery.
Hospital Universitario La Paz, Madrid.

ALEKSANDAR LOVIC JAZBEC
Plastic and Reconstructive Surgery.
Hospital Universitario La Paz, Madrid.

COVADONGA MENDIETA AZCONA
Vascular Surgery.
Hospital Universitario La Paz, Madrid.

MANUEL PELETEIRO PENSO
Orthopaedic Oncology Surgery.
Hospital Universitario La Paz, Madrid.

Mª JESÚS PEREZ DEL VILLAR
Radiation Oncology.
Hospital Universitario La Paz, Madrid.

JOSÉ JUAN POZO KREILINGER
Bone and Soft Tissue Pathology.
Hospital Universitario La Paz, Madrid.

LUIS RIERA DEL MORAL
Vascular Surgery.
Hospital Universitario La Paz, Madrid.

MAR TAPIA VIÑEDAS
Radiology and Musculoskeletal Imaging Section.
Hospital Universitario La Paz, Madrid.

CALL FOR PAPERS 2016

Submissions were accepted between
March 4th, 2016 and October 3rd, 2016.

To submit a proposal online, please go to the website:
www.bstt-madridcourse.com
## PROGRAMME

**WEDNESDAY, NOV. 30th**

**Moderators: Andrew Rosenberg / Eduardo Ortiz Cruz**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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| 8:30-8:45     | Welcome and Introduction
|               | *Eduardo Ortiz Cruz*                                                     |
| 8:45-9:30     | Growth and Development of the Skeletal System
|               | *Alan Schiller*                                                          |
| 9:30-10:15    | The Biology of Bone
|               | *Andrew Rosenberg*                                                       |
| 10:15-10:45   | **COFFEE**                                                               |
| 10:45-11:15   | Introduction to Bone tumors: The Who's, What's and Why's
|               | *Andrew Rosenberg*                                                       |
| 11:15-12:00   | Molecular Genetics in Musculoskeletal Tumors
|               | *Petur Nielsen*                                                          |
| 12:00-12:15   | Opening Ceremony                                                         |
| 12:15-12:45   | The Surgeon's Approach to the Patient with a Bone Tumor: Clinical Evaluation, Staging and Biopsy
|               | *Francis J. Hornicek*                                                   |
| 12:45-13:05   | Multidisciplinary Approach to the Treatment of Sarcoma
|               | *Andrés Redondo*                                                        |
| 13:05-13:20   | Appropriate Imaging Before Referring a Patient to an Orthopaedic Oncologist
|               | *Lee Leddy*                                                              |
|               | *Daniel Bernabeu / Mar Tapia*                                            |
| 13:50-14:00   | Questions                                                                |
| 14:00-14:30   | **LUNCH**                                                                 |
| 14:30-15:00   | Training Residents in Orthopaedic Oncology: What Should Be the Curriculum?
|               | *Lee Leddy*                                                              |
| 15:00-16:00   | Tumor-like lesions: Fracture Callus, Myositis Ossificans, Brown Tumor,Bizarre Parosteal Osteochondromatous Proliferations
|               | *Alan Schiller*                                                          |
| 16:00-16:20   | **Clinical and Diagnostic Case**
|               | *Faculty*                                                                |
| 16:20-17:00   | **Clinical and Diagnostic Case**
|               | *Faculty*                                                                |
| 17:00-19:00   | **Normal Bone, Growth Plate, Metabolic Bone Disease, Fracture, Pagets Disease**
|               | *Alan Schiller / Andrew Rosenberg / Fernando López Barea / José Juan Pozo Kreilinger* |
Moderators: Francis J. Hornicek / Mark C. Gebhardt

8:15-9:15 Unknows
   Faculty

9:15-9:45 Benign Cartilage Tumors
   Francis J. Hornicek / Petur Nielsen

9:45-10:30 Malignant Cartilage Tumors
   Francis J. Hornicek / Andrew Rosenberg

10:30-11:00 Benign Bone Forming Tumors
   Mark C. Gebhardt / Alan Schiller

11:00-11:45 Malignant Bone Tumors: Osteosarcoma and Variants
   Mark C. Gebhardt / Andrew Rosenberg

11:45-12:10 COFFEE

12:10-12:45 Selected Papers and Discussion.

12:45-13:15 Chemotherapy: Osteosarcoma and Variants
   Shreyaskumar Patel

13:15-13:45 Giant Cell Tumor of Bone
   Robert Quinn / Andrew Rosenberg

13:45-14:15 Use of Adjuvants in Surgery
   Joseph Benevenia

14:15-14:30 Questions

14:30-15:30 LUNCH

Moderators: Joseph Benevenia / Nicola Fabbri

15:30-16:00 Benign Cystic Lesions, UBC, ABC, Ganglion
   Eduardo Ortiz / José J. Pozo Kreilinger

16:00-16:30 Pathology of Joint Disease / Joint Tumors
   Petur Nielsen

16:30-17:00 Fibrous Tumors of Bone: Fibrous Cortical Defect/Non-ossifying fibroma, Desmoplastic
   Fibroma and Fibrosarcoma
   Joseph Benevenia / Andrew Rosenberg

17:00-17:30 Vascular tumors: Benign and Malignant
   Nicola Fabbri / Andrew Rosenberg

17:30-18:00 Fibrous Dysplasia, Osteofibrous Dysplasia, and Admantoïna
   Lee Leddy / Andrew Rosenberg

18:00-19:30 Alan Schiller / Petur Nielsen / Andrew Rosenberg / Fernando López Barea / José J. Pozo Kreilinger
   Benign and Malignant Bone Forming Tumors, Benign and Malignant Cartilage Tumors, Giant cell
tumor, Benign Cystic Lesions, Benign Fibrous lesions, Fibrous dysplasia, Admantoïna, Joint
tumors, Vascular Tumors, Summation

19:30-20:00 WORKSHOP: Bone tumor prostheses

20:00-20:30 WORKSHOP: Bone tumor prostheses
PROGRAMME

FRIDAY, DEC. 2nd

Moderators: Robert Quinn / Shreyaskumar Patel

8:30-9:30  Unknows  
Faculty

9:30-10:00  Round Cell Tumors of bone (Ewing Sarcoma/Myeloma/Lymphoma/Langerhans Cell Histiocytosis)  
Robert Quinn / Andrew Rosenberg

10:00-10:30  Chemotherapy for Ewing Sarcoma  
Shreyaskumar Patel

10:30-11:00  Notocordal tumors  
Petur Nielsen

11:00-11:30  Spine tumors: Surgical Treatment of Benign and Malignant Neoplasms  
Francis Hornicek

11:30-12:00  COFFEE

12:00-12:30  Pathologic Fracture in Children. Prediction and Treatment  
Mark C. Gebhardt

12:30-13:00  Metastatic Carcinoma: Am I nailing a Pathologic Fracture?  
Francis J. Hornicek

13:00-14:30  Selected Papers and Discussion.

14:30-16:00  LUNCH  
Moderators: Alejandro Braña Vigil / Jorge Navia

16:00-16:30  Current Status of Pediatric Reconstructions for Bone Sarcomas  
Mark C. Gebhardt

16:30-17:00  Current Status of Adult Reconstruction for Bone Sarcoma: Upper and Lower Extremity  
Joseph Benevenia

17:00-17:30  Current Status of Pelvic Tumor Surgery  
Eduardo Ortiz Cruz

17:30-18:00  Vascular Surgery: Role in Sarcoma Surgery  
Luis Riera del Moral / Covadonga Mendieta

17:50-18:10  Plastic Surgery: Role in Sarcoma Surgery  
Carmen Iglesias Urraca

18:10-18:30  Alive and Kicking: Reconstructive Microsurgery in Pediatric Oncology  
Aleksandar Lovic Jazbec

18:30-19:30  WORKSHOP: Bone tumor prostheses

19:30-20:00  WORKSHOP: Bone tumor prostheses
PROGRAMME

SATURDAY, DEC. 3rd

Moderators: Luis Ferrández Portal / Eduardo Ortiz Cruz

9:00-9:45  Selected Papers and Discussion
           Faculty

9:45-10:15  Soft Tissue Sarcoma: Classification, Grading, and Handling Specimens
            Petur Nielsen

10:15-11:00  Adjuvant chemotherapy for Soft Tissue Tumors
              Shreyaskumar Patel

11:00-11:20  Soft Tissue Sarcoma, Radiotherapy
              Belén Belinchón Olmeda / Mª Jesús Ruiz Pérez de Villar

11:20-11:40  Is Fibromatosis a Surgical Disease?
              Jorge Navia

11:40-12:10  Soft Tissue Sarcoma Surgery
              Robert Quinn

12:10-12:30  COFFEE

Moderator: Robert Quinn

12:30-13:00  Prosthetic Reconstructions: General Concepts
              Nicola Fabbri

13:00-13:30  Pathology of Failed Protheses
              Andrew Rosenberg

13:30-14:00  Complications of Prostheses Reconstructions: Mechanical and Infection
              Manuel Peleteiro / Irene Barrientos

14:00-14:30  Salvage of Complications of Prior Tumor Surgeries
              Joseph Benevenia

14:30-15:00  Questions and Closing Remarks
              Francis Hornicek / Mark C. Gebhardt

Laptops and histological slides will be available for individual reviewing during the Course.

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