



Supported by Musculoskeletal
Tumor Society

PROGRAMME

 @bstt_course

 bstt-madridcourse.com

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PRESENTATION

We are delighted to announce the organization of the 9th Bone and Soft Tissue Tumors Madrid Course in Madrid, Spain to be held in June 2022. 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 renowned orthopaedic oncology surgeons, musculoskeletal pathologists, bone radiologists, medical and radiation oncologists, plastic surgeons 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; 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); Henry Ford Hospital (Detroit); Center for Musculoskeletal Oncology (University of Padova); Hopital Maisonneuve-Rosemont (Montreal, Canada) 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). Many of the faculty are MSTs members and include leaders of its standing committees and president of the society. The participants (190 – 210; 40% from outside of Spain) include residents, fellows, and practicing clinicians who are interested to study, to treat and manage 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. The Course offers to all multidisciplinary sarcoma teams 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 plastic 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 is to be expected in the treatment of these kinds of pathologies.

This Course was organized in Madrid in 2000, 2003, 2009, 2012, 2014, 2016, and 2019 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

Madrid, Spain

LANGUAGE

The course will be given in English and Spanish with simultaneous translation into Spanish and English. The Laboratory sessions will be given only in English.

REGISTRATION FEES

COURSE: only theory

General
Residents and fellows

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

General
Residents and fellows

| before Jan. 22 nd 22* | after Jan. 22 nd 22* |
|-------------------------------------|------------------------------------|
| € 400 | € 500 |
| € 300 | € 300 |
| € 600 | € 800 |
| € 500 | € 500 |

*(VAT not included)

LIMITED PLACES

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

REGISTRATION

To register [click here](#)

For additional information visit the following website:

www.bstt-madridcourse.com

or email us at: bstt@provalentia.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

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FACULTY



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



MARK C. GEBHARDT (USA)

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



FRANCIS J. HORNICEK (USA)

Chair of the Orthopaedics Department. University of Miami Leonard M. Miller School of Medicine. Florida.



MARC ISLER (CANADA)

Department of Orthopaedic Oncology, University of Montreal. Hopital Maisonneuve-Rosemont, Montreal, Quebec, Canada.



MICHAEL P. MOTT (USA)

Orthopaedic Oncologic Surgeon. Chief of Division of Musculoskeletal Oncology. Henry Ford Hospital and Health System. Detroit, USA. President-Elect of the Musculoskeletal Tumor Society.



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, USA.



EDUARDO J. ORTIZ-CRUZ (SPAIN)

Chief of Orthopaedic Oncology Section, Hospital Universitario La Paz. MD Anderson Cancer Center. Hospital Universitario HM Montepincipe. Ruber Hospital. Madrid.

FACULTY



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.



ROBERT QUINN (USA)

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



ANDRÉS REDONDO SÁNCHEZ (SPAIN)

Associate Professor of Medicine. Universidad Autónoma de Madrid. Sarcoma and Gynaecological Cancer Unit Medical Oncology Department. 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.



PIETRO RUGGIERI (ITALY)

Professor and Chair Department of Orthopedics and Orthopedic Oncology University of Padova. Director of Center for Musculoskeletal Oncology University of Padova. VicePresident and President Elect of EMSOS. Secretary General of ISOLS.



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.

SPEAKERS

ROSA ÁLVAREZ ÁLVAREZ

Sarcoma Medical Oncology. Hospital Universitario Gregorio Marañón. Madrid.

IRENE BARRIENTOS RUIZ

Orthopaedic Oncology Surgery. Hospital Universitario La Paz. Madrid.

BELÉN BELINCHÓN OLMEDA

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

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

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

JAVIER MARTÍN BROTO

Sarcoma Medical Oncologist. University Hospital Fundación Jiménez Díaz. Madrid.

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

ÁNGEL MONTERO LUIS

Radiation Oncologist. Hospital Universitario HM Sanchinarro. Madrid.

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Orthopaedic Oncology Surgery. Hospital Universitario La Paz. Madrid.

ANTONIO PÉREZ MARTÍNEZ

Head of Pediatric Hematology Oncology and Stem Cell Transplantation Hospital Universitario La Paz. Madrid.

JOSÉ JUAN POZO KREILINGER

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ALICIA RICO NIETO

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PEDRO RUBIO APARICIO

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

MAR TAPIA VIÑÉ

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

CLAUDIA M^a VALVERDE MORALES

Sarcoma Medical Oncology. President of Grupo GEIS. Hospital Universitario Vall d'Hebron. Barcelona.

PROGRAMME: WEDNESDAY 8TH

09:00 - 09:15 **OPENING: WELCOME AND INTRODUCTION**
Eduardo Ortiz-Cruz / Andrés Redondo

1. MUSCULOSKELETAL TUMORS: THE FOUNDATION

Moderators: Andrew Rosenberg / Eduardo Ortiz

09:15 - 09:45 Growth and Development of the Skeletal System.
Alan Schiller

09:45 - 10:15 Bone Tissue in Health and Disease.
Andrew Rosenberg

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

10:45 - 11:05 Role of the Radiologist in the Analysis of Musculoskeletal Tumors.
José Martel

11:05 - 11:25 PET Scan in the Evaluation of Bone and Soft Tissue Tumors.
José Cordero

11:25 - 11:35 **QUESTIONS**

11:35 - 11:55 **COFFEE**

12:00 - 12:15 Molecular Biology of Sarcomas - the Basics.
Marta Mendiola

12:15 - 12:40 Clinical Case: When Molecular Biology is Crucial for Diagnosis.
José Pozo / Marta Mendiola / Mar Tapia

2. BONE AND JOINT TUMORS AND TUMOR-LIKE LESIONS

Moderators: Petur Nielsen / Eduardo Ortiz

12:40 - 13:00 Tumor-like Lesions: Fracture Callus, Myositis Ossificans, Brown Tumor.
Alan Schiller

13:00 - 13:20 Pathology of Joint Disease / Joint Tumors.
Petur Nielsen

13:20 - 13:35 Vascular Tumors of Bone.
Andrew Rosenberg

13:35 - 13:55 Benign Cystic Lesions of Bone: Unicameral Bone Cyst, Aneurysmal Bone Cyst.
Eduardo Ortiz-Cruz / José Pozo

13:55 - 14:15 **QUESTIONS**

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

Moderators: Eduardo Ortiz-Cruz / Manuel Peleteiro

15:15 - 15:45 CASE PRESENTATION.
TUMOR BOARD

15:45 - 16:05 Benign Cartilage Tumors.
Francis Hornicek / Petur Nielsen

16:05 - 16:25 Malignant Cartilage Tumors.
Francis Hornicek / Andrew Rosenberg

16:25 - 16:45 Benign Bone Forming Tumors: Osteoid Osteoma, Osteoblastoma.
Mark Gebhardt / Alan Schiller

16:45 - 17:15 Malignant Bone Tumors: Osteosarcoma and Variants.
Mark Gebhardt / Andrew Rosenberg

17:15 - 17:30 **QUESTIONS**

17:40 - 19:00 **LAB: Normal Bone Growth Plate; Joint Disease and Tumors, Cartilage Tumors; Myositis Ossificans, Cystic Tumors of Bone.**
Alan Schiller / Petur Nielsen / Andrew Rosenberg / José Pozo

LAB

PROGRAMME: THURSDAY 9TH

Moderators: *Mark Gebhardt / Eduardo Ortiz-Cruz*

08:30 - 08:50 Benign and Malignant Fibrous Tumors of Bone.
Joseph Benevenia / Andrew Rosenberg

08:50 - 09:10 Fibro-osseous Tumors of Bone.
Mark Gebhardt / Petur Nielsen

09:10 - 09:40 Systemic Treatment of Osteosarcoma.
Shreyaskumar Patel

09:40 - 10:00 Giant Cell Tumor of Bone and the Use of Adjuvants.
Robert Quinn / Andrew Rosenberg

10:00 - 10:20 **QUESTIONS**

10:20 - 10:40 **COFFEE**

Moderators: *Robert Quinn*

10:50 - 11:20 BONE TUMOR CASE PRESENTATION: TUMOR-BOARD
Petur Nielsen / Andrew Rosenberg / Alan Schiller

11:20 - 11:40 Undifferentiated Round Cell Sarcomas. An Update.
Petur Nielsen

11:40 - 12:10 Systemic Treatment of Round Cell Sarcomas.
Shreyaskumar Patel

12:10 - 12:30 Notochordal Tumors.
Petur Nielsen

12:30 - 12:50 Chordoma: Surgical Treatment.
Francis Hornicek

12:50 - 13:10 Radiation Therapy for Bone Sarcomas.
Ángel Montero

13:10 - 13:30 **QUESTIONS**

13:30 - 14:50 **LUNCH / WORKSHOP**

Moderators: *Francis Hornicek / Pietro Ruggieri*

14:50 - 15:20 CASE PRESENTATION: MSTs PRESIDENTS.
Michael Mott / Robert Quinn / Joseph Benevenia

15:20 - 15:40 Outcomes in Musculoskeletal Oncology: Surgeon or Patient Centered.
Robert Quinn

15:40 - 16:00 Teaching tool and preparation for complex oncology surgery.
Marc Isler

16:00 - 16:20 Current Status of Reconstructions for Bone Sarcomas in Children.
Mark Gebhardt

16:20 - 16:40 Current Status of Reconstructions for Bone Sarcomas in Adults.
Francis Hornicek

16:40 - 17:00 Advances in Shoulder Girdle Reconstructions.
Pietro Ruggieri

17:00 - 17:20 **QUESTIONS**

17:30 - 19:00 **LAB: Benign and Malignant Bone Forming Tumors, Benign and Malignant Cartilage Tumors, Giant cell tumor, Benign Cystic Lesions, Benign Fibrous lesions, Joint Tumors, Summation.**
Alan Schiller / Petur Nielsen / Andrew Rosenberg / José Pozo

LAB

PROGRAMME: FRIDAY 10TH

3. SOFT TISSUE TUMORS

Moderators: *Eduardo Ortiz-Cruz / Petur Nielsen*

08:30 - 09:00 Soft Tissue Sarcoma: Classification, Grading, and Handling specimens.
Petur Nielsen

09:00 - 09:20 Imaging of Soft Tissue Sarcomas: Evaluation of Response and Follow-up.
Daniel Bernabeu

09:20 - 09:40 Tight Margins and Soft Tissue Sarcomas: a Practical Exploration of Surgical Realities.
Michael Mott

09:40 - 10:00 Role of Plastic Surgery in Soft Tissue Sarcomas.
Carmen Iglesias / Elena Bravo

10:00 - 10:30 Neoadjuvant or Adjuvant Chemotherapy for Soft Tissue Sarcomas.
Shreyaskumar Patel

10:30 - 10:50 **QUESTIONS**

10:50 - 11:10 **COFFEE**

Moderators: *Andrés Redondo / Javier Martín*

11:10 - 11:30 Adjuvant Radiotherapy in Soft Tissue Sarcomas.
Belén Belinchón

11:30 - 11:50 First Line Chemotherapy in Advanced Soft Tissue Sarcomas.
Andrés Redondo

11:50 - 12:20 SOFT TISSUE SARCOMA CASE PRESENTATION. TUMOR BOARD.
La Paz Hospital Sarcoma Committee

12:20 - 12:40 Options for Second Line Therapy in Soft Tissue Sarcomas.
Claudia Valverde

12:40 - 13:00 Is there Room for Immunotherapy in Soft Tissue Sarcomas?
Javier Martín-Broto

13:00 - 13:20 **QUESTIONS**

13:20 - 14:30 **LUNCH / WORKSHOP**

Moderators: *Shreyaskumar Patel / Andrés Redondo*

14:30 - 15:00 Fibromatosis: A Multidisciplinary Approach.
Eduardo Ortiz-Cruz / Belén Belinchón / Daniel Bernabeu / Andrés Redondo

15:00 - 15:20 Tissue Agnostic Therapies: a New Option for Patients with Sarcoma.
Rosa Álvarez

15:20 - 15:40 Update on Rhabdomyosarcoma.
Pedro Rubio

15:40 - 16:00 Role of Natural Killers Cell Therapy in Pediatric Sarcomas.
Antonio Pérez

16:00 - 16:20 **QUESTIONS**

16:30 - 18:00 **LAB: Ewing Sarcoma, Lymphoma, Myeloma, Chordoma, Langerhans Cell Histiocytosis, GCT, Summation.**
Alan Schiller / Petur Nielsen / Andrew Rosenberg / José Pozo

LAB

PROGRAMME: SATURDAY 11TH

4. MISCELLANEUS

Moderators: *Eduardo Ortiz-Cruz*

- 09:00 - 09:30 SURGICAL CASE PRESENTATION.
Marc Isler / Eduardo Ortiz-Cruz
- 09:30 - 09:50 Pelvic Tumor Reconstruction: Indications, Implants and Outcome.
Joseph Benevenia
- 09:50 - 10:10 3D Printed Reconstructions.
Pietro Ruggieri
- 10:10 - 10:30 Simulation as Preparation for Complex Orthopedic Oncology Surgery.
Marc Isler
- 10:30 - 11:50 **QUESTIONS**
- 11:50 - 12:10 **COFFEE**
- 12:10 - 12:40 Infections in Megaprotheses Surgery: Past, Present and Future.
Manuel Peleteiro / Irene Barrientos / Alicia Rico
- 12:40 - 13:10 Salvage of Previous Failed Limb Salvage Reconstructions.
Michael Mott
- 13:10 - 13:30 Am I Nailing a Pathologic Fracture?
Francis Hornicek
- 13:30 - 14:00 **QUESTIONS AND CLOSING REMARKS**
Francis Hornicek / Mark Gebhardt / Eduardo Ortiz-Cruz

Last update: 07/03/2022

AUSPICES



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SEOM® es una marca registrada.
El aval de SEOM no implica la
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