

# **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 Angles (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). 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**

С	OURSE: only theory	oct. 31st18			january 1s	
	General	L	€ 400	L	€ 500	
	Residents and fellows	L	€ 300	ı	€ 300	
COMPLETE COURSE: theory and pratice on computer- LAB (Limited capacity)				l		
	General	L	€ 600	L	€ 800	
	Residents and fellows		€ 500	L	€ 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

## **SCIENTIFIC SECRETARIAT**

Eduardo J. Ortíz 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** 

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# **FACULTY**

#### **JOSEPH BENEVENIA (USA)**

Professor & Chair Departament 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 Monteprincipe, 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**

#### **IRFNF 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.

#### **XAVIFR GARCIA DEL MURO**

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

#### CARMEN IGI ESIAS 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.

# **ANDRZEJ SZAFRAŃSK**

Deputy Head. Instytut Matki i Dziecka (Varsovia).

#### **JUAN CARLOS VIERA**

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



BONE AND SOFT TISSUE TUMORS MADRID COURSE

6-9 feb 2019

# **PROGRAMME**

WEDNESDAY 6th

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 Ouestions

14:35-15:30 LUNCH

14:35-15:30 WORKSHOP MBA: Evaluation of indications and the perspectives of limb salvage surgery in malignant bone tumors in children. Xpand growing prosthesis *Dr Andrzej Szafrańsk* 

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



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



13:20-13:40 Questions

7<sup>th</sup> MULTIDISCIPLINARY

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6-9 feb 2019

# **PROGRAMME**

# THURSDAY 7th

Domínguez

Moderators:	M.C. Gebhardt / E. Ortiz Cruz	13:40-13:50	Patients Associations				
8:30-9:00	Benign Bone Forming Tumors: Osteoid Osteoma,		Fundación Mari Paz Jiménez / AEAS				
	Osteoblastoma M. C. Gebhardt / A. Schiller	14:00-15:00	LUNCH / WORKSHOP				
9:00-9:30		Moderators:	E. Ortiz Cruz / F. J. Hornicek				
7.00-7.30	Malignant Bone Tumors: Osteosarcoma and Variants  M. C. Gebhardt / A. Rosenberg		Case Presentation. Tumor Board. Televoting for audience participat				
9:30-10:00	Systemic Treatment of Osteosarcoma S. Patel	Presenters: La Paz Sarcoma Committee Discussants: International Faculties					
10:00-10:30	Benign and Malignant Fibrous Tumors of Bone	15:45-16:05	Surgical Treatment of Spine tumors F. J. Hornicek				
10:30-10:50	J. Benevenia / A. Rosenberg Fibro-osseous Tumors of Bone	16:05-16:25	Radiation Therapy for Bone Sarcoma R. Correa				
	M. C. Gebhardt / G. Nielsen	16:25-16:45	Current Status of Reconstructions for Bone Sarcomas in				
10:50-11:00	I0:50-11:00 Questions I1:00-11:20 COFFEE		Children				
11:00-11:20			M. C. Gebhardt				
Moderators:	A. Redondo / S. Patel	16:45-17:05	Current Status of Reconstructions for Bone sarcomas in Adults F. J. Hornicek				
11:20-11:50	Giant Cell Tumor of Bone and the Use of Adjuvants R. Quinn / A. Rosenberg	17:05-17:25	What's New in surgery for Pelvic Tumors?  J. Benevenia				
11:50-12:10	Medical Treatment of GCT of Bone R. Cubedo	17:25-17:45	To cement or Not to Cement: Fixation of Endoprostheses into Bone				
12:10-12:30	Round Cell Tumors of bone (Ewing Sarcoma / Myeloma / Lymphoma / Langerhans Cell Histiocytosis) R. Quinn / P. Nielsen		N. Bernthal				
		17:45-18:00	Questions				
12:30-13:00	Systemic Treatment of Ewing Sarcoma; the State of the Art S. Patel	18:15-19:45	Benign and Malignant Bone Forming Tumors, Benign and Malignant Cartilage Tumors, Giant cell tumor, Benign Cystic				
13:00-13:20	Notochordal Tumors P. Nielsen		Lesions, Benign Fibrous lesions, Joint tumors, Summation  A. Schiller / P. Nielsen / A. Rosenberg / J. J. Pozo / M. P.  Deminguez				



BONE AND SOFT TISSUE TUMORS MADRID COURSE

6-9 feb 2019

# **PROGRAMME**

FRIDAY 8th

## 3. SOFT TISSUE TUMORS

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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. Garcia 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



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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6-9 feb 2019

# **PROGRAMME**

SATURDAY 9<sup>th</sup>

# 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 <i>R. Quinn</i>
10:10-10:30	Experience with radio transparent nails S. Lozano
10:30-10:50	Am I nailing a Pathologic Fracture? <i>F. Hornicek</i>
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 Megaprostheses 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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6-9 feb 2019



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