



Memorial Sloan Kettering
Cancer Center

Musculoskeletal Oncology Symposium

A CLINICAL APPROACH

Wednesday, March 27, 2024 • Virtual



Overview

Orthopaedic oncology is a highly specialized area that focuses on the evaluation, diagnosis, and management of primary bone and soft tissue tumors as well as musculoskeletal metastases in other cancers. This complex patient population requires specialized care delivered collaboratively by a multidisciplinary team that requires up-to-date knowledge regarding treatment options and advances in care.

The purpose of this symposium is to provide clinicians with a general overview of the evaluation, diagnosis, management, and outcomes of common musculoskeletal bone and soft tissue tumors including Ewing's sarcoma, chondrosarcoma, and osteosarcoma, as well metastatic musculoskeletal lesions. Additional sections will utilize a lecture and case study-based approach to discuss best practices in surgical and non-surgical techniques, post-op complications, and oncological emergencies.

TARGET AUDIENCE

The target audience for this program includes nurse practitioners, physician assistants, certified registered nurse anesthetists, physicians, and nurses who care for oncology patients. We are pleased to offer **complimentary registration for nursing students and registrants residing in low and lower-middle income countries.**

This symposium is set to be an **exclusively live virtual experience**. Detailed Zoom access and participation instructions will be provided to registrants prior to the start of the program.

LEARNING OBJECTIVES

At the conclusion of this symposium, learners will be able to:

- Compare the evaluation of primary bone and soft tissue tumors vs metastatic disease
- Describe the most common primary bone and soft tissue sarcomas including Ewing's sarcoma, osteosarcoma and chondrosarcoma
- Review common treatment modalities for the pediatric and adult patient with a primary bone tumor vs metastatic bone disease
- Describe novel surgical approaches in the orthopaedic oncology patient
- Identify post-operative complications associated with various orthopaedic procedures and their management
- Recognize oncologic emergencies including compartment syndrome and spinal cord compression
- Explore the psychosocial, rehabilitation and long term follow up needs of the orthopedic oncology patient

ONLINE SYLLABUS

Attendees of this symposium will receive access to a syllabus, which includes select of video recordings of the lectures.

MSK SYMPOSIUM DIRECTORS



Joan Gorham, MSN, RN, ANP-BC
Advanced Practice Provider Specialist



Madison Kidwell, MSHS, PA-C
Advanced Practice Provider Manager

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Nicole Zakak, MS, RN, CPNP, CPHON®
Advanced Practice Provider Quality and
Professional Development Director

MSK PHYSICIAN SPONSOR



Carol Morris, MD, MS
Chief, Orthopaedic Surgery Service
Jack Byrne Chair for Adolescent and
Young Adult Cancers

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Advanced Practice Provider Manager

LGBTQI+ Clinical Consultant

Alana Seedor, PA-C

Advanced Practice Provider

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Marie Barnett, PhD

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Deborah Cassidy, DO

Assistant Attending, Pediatric Rehabilitation Medicine

Julia Dimaria, PA-C

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Nicole Fernandez, DNP, MPH, CPNP

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Jonathan Forsberg, MD, PhD

Attending Surgeon

Mary Kate Kasler, DNP, RN, ACNP-BC

Advanced Practice Provider

Molly Klima, PA-C

Advanced Practice Provider

Jill Kossove, PA-C

Advanced Practice Provider

Daniel Prince, MD, MPH

Assistant Attending Surgeon
Program Director, Musculoskeletal Oncology Fellowship
Catherine and Frederick J. Adler Chair for Junior Faculty

Emily Long Sarro, MSN, RN, FNP-BC, CPHON®

Advanced Practice Provider

Jacob Shin, MD

Assistant Attending Radiation Oncologist

Simon Sun, MD

Assistant Attending Radiologist

Jennifer Umscheid, PA-C

Advanced Practice Provider

Max Vaynrub, MD

Assistant Attending Surgeon

We're honored to welcome **Grace Franzese**
as our patient speaker for this
year's symposium.

Schedule

WEDNESDAY, MARCH 27, 2024

8:00 AM — 5:20 PM EDT

7:55 AM Attendee Zoom Sign On

8:00 AM **Opening Remarks**
Madison Kidwell, MSHS, PA-C

8:05 AM **Welcome and Introduction**
Nicole Zakak, MS, RN, CPNP, CPHON®

Overview of Primary Bone and Soft Tissue Tumors

MODERATOR: Madison Kidwell, MSHS, PA-C

8:10 AM **Initial Evaluation of Bone and Soft Tissue Masses**
Carol Morris, MD, MS

8:40 AM **Orthopaedic Radiology Overview**
Simon Sun, MD

9:10 AM **Common Primary Bone and Soft Tissue Sarcomas**
Mary Kate Kasler, DNP, RN, ACNP-BC

9:40 AM **Radiation Therapy in Bone and Soft Tissue Tumors**
Jacob Shin, MD

10:00 AM **Q&A and Panel Discussion**

10:15 AM Break

Surgical Management of Bone and Soft Tissue Tumors

MODERATOR: Joan Gorham, MSN, RN, ANP-BC

10:30 AM **Common Surgical Approaches in the Orthopaedic Oncology Patient**
Daniel Prince, MD, MPH

11:00 AM **Approach to Metastatic Proximal Femur Lesions**
Julia Dimaria, PA-C

11:20 AM **CASE STUDY**
Pathological Fracture
Jennifer Umscheid, PA-C

11:35 AM **Q&A and Panel Discussion**

11:45 AM Lunch Break

Novel Surgical Approaches in Orthopaedic Oncology

MODERATOR: Alana Seedor, PA-C

- 12:15 PM **Limb Lengthening:
A Surgical Approach to Managing Post Treatment
Limb Length Discrepancy**
Molly Klima, PA-C
- 12:45 PM **Osseointegration:
Improving Quality of Life After Amputation**
Jonathan Forsberg, MD, PhD
- 1:15 PM **Surgical Approach to Pelvic & Sacral Tumors**
Max Vaynrub, MD
- 1:45 PM **Q&A and Panel Discussion**


Orthopedic Emergencies

MODERATOR: Madison Kidwell, MSHS, PA-C

- 2:00 PM **Common Orthopaedic Consults**
Jill Kossove, PA-C
- 2:20 PM **Compartment Syndrome**
Alana Seedor, PA-C
- 2:40 PM **Spinal Cord Compression**
Joan Gorham, MSN, RN, ANP-BC
- 3:00 PM **Q&A and Panel Discussion**
- 3:10 PM Break

Caring for the Whole Patient: Integration of Supportive Services for the AYA Patient

MODERATOR: Linda D'Andrea, MSN, RN, PPCNP, CPHON®

- 3:25 PM **Fertility and Sexual Health for Adolescents and
Young Adults with Cancer** 
Emily Long Sarro, MSN, RN, FNP-BC, CPHON®
- 3:40 PM **Psychosocial Support in the Orthopaedic
Oncology Patient**
Marie Barnett, PhD
- 3:55 PM **Rehabilitation in the Limb Sparing and
Amputee Patient**
Deborah Cassidy, DO
- 4:10 PM **Chronic Pain Management**
Nicole Fernandez, DNP, MPH, CPNP
- 4:25 PM **Q&A and Panel Discussion**

Surveillance and Survivorship

MODERATOR: Joan Gorham, MSN, RN, ANP-BC

- 4:40 PM **Development of an Advanced Practice Provider-Led
Orthopedic Surveillance Clinic**
Madison Kidwell, MSHS, PA-C
- 4:50 PM **Patient Experience**
Grace Franzese
- 5:10 PM **Q&A and Panel Discussion**
- 5:20 PM **Closing Remarks & Adjournment**
Joan Gorham, MSN, RN, ANP-BC



Accreditation

Memorial Sloan Kettering Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

AMA CREDIT DESIGNATION STATEMENT

Memorial Sloan Kettering Cancer Center designates this live activity for a maximum of **8.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABOS RECOGNITION STATEMENT

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn credit toward the CME requirements of the American Board of Orthopaedic Surgery's Maintenance of Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABOS credit.

ANCC CNE STATEMENT

Memorial Sloan Kettering Cancer Center—Nursing Professional Development / Continuing Education is accredited with distinction as a provider of nursing continuing professional development (NCPD) by the American Nurses Credentialing Center's Commission on Accreditation.

8.25 contact hours will be awarded to participants who attend the program in its entirety and complete a program evaluation.

Partial credit not awarded.

ADVANCED PRACTICE PROVIDERS

American Academy of Nurse Practitioners National Certification Program accepts *AMA PRA Category 1 Credits™* from organizations accredited by the ACCME.

American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category 1 Credits™* from organizations accredited by the ACCME.

National Commission on Certification of Physician Assistants (NCCPA) accepts *AMA PRA Category 1 Credits™* from organizations accredited by ACCME.

REGISTER ONLINE AT
msk.org/MusculoskeletalSymposium

REGISTRATION FEES

Physicians (MDs, PhDs, and DOs)	\$249
Advanced Practice Providers	\$199
Nursing and Other Healthcare Professionals	\$149
Residents, Fellows, and APP Students	\$25
Industry Professionals*	\$435
Nursing Students and Registrants in Low-and Lower-Middle-Income Countries**	Complimentary
MSK Employees	Complimentary

***Industry professionals** may attend MSK CME activities for their own education. Marketing, sales, and promotion of products and services is strictly prohibited at MSK CME activities.

Please note that the residents, fellows, and APP students rate is non-refundable.

DISCOUNTS/PROMOTIONS

- ****We are pleased to offer complimentary registration to nursing students and registrants residing in low and lower-middle income countries** as defined by The World Bank. Please visit the Symposium website for additional details.
- **A registration discount is available for MSK Alumni and MSK Cancer Alliance members** to attend this program. Please visit the Symposium website for additional details.

Please visit msk.org/MusculoskeletalSymposium for additional details, including our cancellation policy.



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