

2025

Radiologic Interpretation in the Oncology Population

for Advanced Practice Providers

APRIL 2 • VIRTUAL COURSE

This course delivers a comprehensive update of radiologic interpretation throughout the body using various modalities. It also addresses pediatric and transgender considerations and highlights radiologic imaging in interventional oncology.



Memorial Sloan Kettering
Cancer Center

Overview

Radiologic imaging plays a critical role in the care of all oncology patients, yet a knowledge gap in radiologic interpretation exists among Advanced Practice Providers (APPs).

This one-day virtual program offers a comprehensive overview of radiologic interpretation, specifically designed for the oncology population. Topics include imaging of the breast, pelvis, chest, abdomen, brain, spine, extremities, and whole body. Key imaging modalities such as X-ray, ultrasound, computed tomography (CT), magnetic resonance imaging (MRI), and nuclear imaging will be covered.

The program also addresses unique radiologic considerations for pediatric and transgender populations, as well as innovative applications of imaging in interventional oncology. To enhance learning and engagement, interdisciplinary case studies will be integrated throughout, utilizing interactive tools to reinforce key concepts. Additionally, attendees will gain access to an online syllabus after the course concludes, which will include recorded videos of the faculty presentations.

This course is designed for nurse practitioners, physician assistants, nurse practitioner students, physician assistant students, clinical nurse specialists, nurses, radiologist assistants, certified registered nurse anesthetists, and physicians.

We're pleased to offer complimentary registration to health professional students and registrants who reside in low and lower-middle income countries.

Educational Objectives

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

- Gain knowledge of the principles and interpretation of common imaging modalities and translate the knowledge learned to clinical practice
- Identify the clinical indications for and selection criteria of various imaging modalities
- Recognize common abnormalities on various radiology examinations
- Address challenges and limitations of various imaging modalities
- Identify important considerations when interpreting radiologic imaging in special populations
- Discuss the differential diagnosis for common radiographic findings
- Explain the role of imaging in cancer screening, staging, and surveillance
- Describe the use of real time radiologic imaging and interpretation in interventional oncology



MSK COURSE DIRECTOR

Linda D'Andrea, MSN, RN, PPCNP-BC, CPHON®

Advanced Practice Provider Specialist



MSK COURSE DIRECTOR

Kristen O'Hagan, MSN, RN, ANP-BC, AOCNP®

Advanced Practice Provider



MSK ADVANCED PRACTICE PROVIDER SPONSOR

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INVITED COURSE FACULTY

Evelyn F. Carroll, MD

Radiologist
Mayo Clinic

MSK COURSE FACULTY

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Advanced Practice Provider

Firas S. Ahmed, MD, MPH

Associate Attending Radiologist

Latasha Anderson-Dunkley, MSN, RN, ANP-BC

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Leon Chen, DNP, AGACNP-BC, FCCP, FAANP, FCCM

Clinical Program Manager,
Research and Simulated Learning;
Advanced Practice Provider

Chelsea Dwyer, PA-C

Advanced Practice Provider

Jennifer Flood-Caldwell, MSN, RN, ANP-BC

Advanced Practice Provider

Molly P. Hogan, MD

Assistant Attending Radiologist

Madison Kidwell, MSHS, PA-C

Advanced Practice Provider Manager

Crystal Law, PA-C

Advanced Practice Provider

Charles Marcus, MBBS

Assistant Attending Physician

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Advanced Practice Provider

Silvia Quebec PA-C

Advanced Practice Provider

Katie Riffle, MSN, FNP-BC, VA-BC

Advanced Practice Provider Manager

Javin Schefflein, MD

Assistant Attending Radiologist

Deborah Stein, ACNP-BC, CCRN

Advanced Practice Provider

Yekaterina Tayban, ACNP-BC, GNP-BC

Sepsis Clinical Program Manager;
Advanced Practice Provider Program
Director of Quality Informatics

Kerry Williams, MSN, RN, ANP-BC, AOCNP®

Advanced Practice Provider Specialist

Schedule

WEDNESDAY, APRIL 2, 2025 • 7:55 AM—5:40 PM

- 7:50 AM Zoom Sign On
- 7:55 AM **Welcome and Introduction**
Nicole Zakak, MS, RN, CPNP, CPHON®


Radiologic Imaging and Interpretation of the Chest

INTRODUCTION: Nicole Zakak, MS, RN, CPNP, CPHON®

- 8:00 AM **Chest Imaging FAQ and Clinical Pearls**
Chelsea Dwyer, PA-C
- 8:20 AM **Chest X-Ray**
Yekaterina Tayban, ACNP-BC, GNP-BC
- 8:50 AM **CT of the Chest**
Deborah Stein, ACNP-BC, CCRN
- 9:10 AM **Pediatric Considerations in Chest Imaging**
Gerald Behr, MD
- 9:25 AM **CASE STUDY**
Firas S. Ahmed, MD, MPH
Deborah Stein, ACNP-BC, CCRN
- 9:35 AM **Session Q&A**
- 9:45 AM Break

Radiologic Imaging and Interpretation of the Breast, Chest Tissue, and Pelvis

INTRODUCTION: Kelly Haviland, PhD, FNP-BC

- 9:55 AM **Ultrasound, Mammography, and MRI of the Breast**
Molly P. Hogan, MD
- 10:10 AM **Breast Imaging FAQ and Clinical Pearls**
Molly P. Hogan, MD
- 10:30 AM  **Radiologic Interpretation in Women's Health: Transvaginal US and Pelvic Imaging**
Latasha Anderson-Dunkley, MSN, RN, ANP-BC
- 10:50 AM **Special Considerations in the Transgender Populations**
Evelyn F. Carroll, MD
- 11:05 AM **CASE STUDY**
Transgender Considerations
Evelyn F. Carroll, MD
- 11:15 AM **Session Q&A**

Radiologic Imaging and Interpretation of the **Abdomen**

INTRODUCTION: Elizabeth McAvoy, MSN, FNP-BC

- 11:25 AM **Abdominal Imaging FAQs and Clinical Pearls**
Jennifer Flood-Caldwell, MSN, RN, ANP-BC
- 11:50 AM **CT of the Abdomen and Pelvis**
Kristen O'Hagan, MSN, RN, ANP-BC, AOCNP®
- 12:20 PM **Pediatric Considerations in Abdominal Imaging**
Gerald Behr, MD
- 12:40 PM **CASE STUDY**
Michelle Abboud, MSN, RN, AGACNP-BC, ONC
Firas S. Ahmed, MD, MPH
- 12:50 PM **Session Q&A**
- 1:00 PM Lunch Break

Radiologic Imaging and Interpretation of the **Brain and Spine**

INTRODUCTION: Kerry Williams, MSN, RN, ANP-BC, AOCNP®

- 1:30 PM **Brain and Spine Imaging FAQ and Clinical Pearls**
Silvia Quebec PA-C
- 1:50 PM **CT of the Brain**
Linda McKenna, AGACNP-BC, ANP-BC, CNS-C, CCRN-CMC
- 2:05 PM **MRI of the Brain**
Javin Schefflein, MD
- 2:25 PM **MRI of the Spine**
Javin Schefflein, MD
- 2:45PM **CASE STUDY**
Silvia Quebec PA-C
Javin Schefflein, MD
- 2:55 PM **Session Q&A**
- 3:05 PM Break

Interventional Oncology

INTRODUCTION: Joanna Yohannes-Tomicich, DNP, NP-C, AGACNP-BC, FCCM

- 3:15 PM **Retinoblastoma:**
Image Guided Intraarterial Chemotherapy
Crystal Law, PA-C
- 3:35 PM **POCUS CASE STUDIES**
Effusion, Tamponade, and Pancreatitis
Leon Chen, DNP, AGACNP-BC, FCCP, FAANP, FCCM

3:50 PM **The ABCs of Interventional Radiology:
Catheters, Drains, and Stents... Oh My!**
Katie Riffle, MSN, FNP-BC, VA-BC

4:10 PM **Session Q&A**

Whole Body and Extremity Radiologic Imaging and Interpretation

INTRODUCTION: Linda D'Andrea, MSN, RN, PPCNP-BC, CPHON®

4:20 PM **X-Ray of the Extremity**
Madison Kidwell, MSHS, PA-C

4:35 PM **PET Scans**
Susan McCall, ANP-BC, AOCNP®

5:00 PM **Session Q&A**

Radiologic Imaging Through the Cancer Care Continuum: A Case Study Approach

5:05 PM Charles Marcus, MBBS
Kerry Williams, MSN, RN, ANP-BC, AOCNP®

5:35 PM **Closing Remarks**
Nicole Zakak, MS, RN, CPNP, CPHON®

5:40 PM Adjourn



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 **8.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

MOC/CC RECOGNITION STATEMENTS

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 8.75 credits/points in the following certification programs:

- Medical Knowledge MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification Assessment Recognition Program; and
- Lifelong Learning & Self-Assessment MOC points for the American Board of Pediatrics (ABP) Maintenance of Certification program.

MOC/CC points will be reported to your board within 45 days.

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.

8.75 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.

Memorial Sloan Kettering Cancer Center adheres to the ACCME's and ANCC's Standards for Integrity and Independence in Accredited Continuing Education. All relevant financial relationships have been mitigated prior to the commencement of the activity.

For additional details and registration,
scan the QR code or visit:

msk.org/APPradiology



Discounted registration is available for specific groups, including complimentary registration for health professional students and registrants who reside in low and lower-middle income countries. Visit the course website for additional details.

Registration Fees

Physicians (MDs, PhDs, and DOs)	\$199
Advanced Practice Providers	\$149
Nurses and Other Healthcare Providers	\$99
Residents and Fellow*	\$25
Industry Professionals**	\$435
MSK Employees	Complimentary

*Please note that the registration fee for residents and fellows is non-refundable.

An “industry professional**” is defined as any individual, regardless of their profession type (such as MDs, PhDs, APPs, RNs, etc.) that is employed by an ineligible company.

For details on our **cancellation terms**, visit the course website.



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