

#MSKImmunoAPPCME
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JANUARY 24, 2023 | VIRTUAL

Fundamentals and Advances in **Immunotherapy** in the **Oncology Patient**

for the Advanced Practice Provider



Memorial Sloan Kettering
Cancer Center

Overview

Immunotherapeutics has changed the treatment modalities available to cancer patients in both solid tumors and hematologic malignancies. Since the breakthrough of **ipilimumab**, there have been fast-paced and ongoing advancements in the field of immunotherapy, revolutionizing clinical management rapidly.

This one-day live virtual course aims to **improve cancer patient outcomes by advancing the science, development, and application of cancer immunology and immunotherapy through fundamental understanding and clinical application.**

Learners will review fundamental concepts and recent advances in immunotherapy designed to meet the learning needs of advanced practice providers (APPs) and other allied health professionals. Clinical application in solid tumor and hematologic malignancies will be discussed as well as toxicity management, including immune-related adverse events resulting from immune checkpoint inhibition.

Experts will discuss the fundamentals of immune checkpoint blockade and CAR T cell therapy, as well as advancements in TIL and BITE therapy, novel combination therapy, and algorithmic management of immune-related adverse events. Toxicity management will be communicated through case study applications and demonstration of common, rare, and severe immune-related adverse events.

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Target Audience

The target audience for this course 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 residents, fellows, APP students, and nursing students.

Educational Objectives

- Describe the principles surrounding the **immunity cycle**.
- Explain fundamental principles of immunotherapeutic agents including **immune checkpoint inhibition, CAR T CELL, TIL,** and **BITE** therapies.
- Discuss **clinical application of immune modulated agents** in the oncology population.
- Discuss the symptoms of **Cytokine Release Syndrome** and clinical management.
- Recognize and identify common, rare and severe **immune-related adverse events** attributed to immune checkpoint inhibition.

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

Instructions on how to complete an evaluation and claim CME credit will be emailed to course attendees.

MSK Course Director



MARY KATE KASLER, DNP, RN, ACNP-BC
Advanced Practice Provider

MSK Course Co-Director



KERRY E. WILLIAMS, MSN, RN, ANP-BC, AOCNP
Advanced Practice Provider

MSK Course Physician Sponsor



SANDRA P. D'ANGELO, MD
Associate Attending

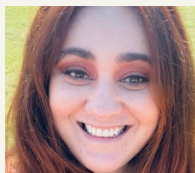
MSK Course Planning Committee



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Memorial Sloan Kettering Cancer Center adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CE activity, including faculty, planners, reviewers, or others are required to disclose all financial relationships with ineligible companies (commercial interests). All relevant financial relationships have been mitigated prior to the commencement of the activity.

Schedule

7:50 AM	Attendee Zoom Sign On
8:00 AM	Opening Remarks Sandra D'Angelo, MD
8:05 AM	Course Welcome and Introduction Mary Kate Kasler, DNP, RN, ACNP-BC

Fundamentals of Immune Checkpoint Blockade

MODERATOR: Kerry Williams, MSN, RN, ANP-BC, AOCNP

8:15 AM	Mechanism of Action of Checkpoint Blockade PD1, PDL1, CTLA-4 James Smithy MD, MHS
8:45 AM	Discussion of Novel Checkpoint Inhibitors and Combination Therapy Alexander Shoushtari, MD
9:15 AM	Algorithmic Management and Grading of Immune-Related Adverse Events Alexander Shoushtari, MD
9:30 AM	Panel Discussion
9:45 AM	Break

Clinical Application of Immune Checkpoint Inhibitors in Solid Tumor Malignancy

MODERATOR: Mary Kate Kasler, DNP, RN, ACNP-BC

9:55 AM	Clinical Updates in Non-Small Cell Lung Cancer Joanne Wells, MSN, RN, ANP-BC, AOCNP
10:15 AM	Clinical Updates in Sarcoma and Merkel Cell Carcinoma Matthew Biniakewitz, BSN, RN, OCN
10:35 AM	Clinical Updates in Rectal Squamous Cell Carcinoma Natasha Pinheiro, MSN, RN, AGPCNP-BC, AOCNS
10:55 AM	Clinical Updates in Metastatic Breast Cancer Mikel Ross, MSN, RN, AGNP-BC, OCN, CBCN Alexa Segna, MSN, RN, AGACNP-BC
11:15 AM	Clinical Updates in Head and Neck Squamous Cell Carcinoma Christine Stefanski MSN, RN, ANP-BC
11:35 AM	Panel Discussion
11:55 AM	Break

Clinical Application of Immune Therapy in Hematologic Malignancy

MODERATOR: Kristen Stasi, MSN, RN, OCN

12:05 PM	Clinical Updates in Lymphoma Ashley Ames, MSN, RN, AGPCNP-BC
12:25 PM	Clinical Updates in Myeloma Alexander Lesokhin, MD, PhD
12:45 PM	Panel Discussion
1:00 PM	Lunch Break

Fundamentals of T Cell Therapy

MODERATOR: Yelena Shames, MSN, RN, ACNP-BC, CNRN

1:35 PM	Overview of Chimeric Antigen Receptor (CAR) T Cell Immunotherapy Brianna Cadzin, BSN, RN
1:55 PM	Mechanism of Action and Clinical Applications of Tumor Infiltrating Lymphocytic (TIL) Therapy Jannakie Joseph, NP, AGNP-BC, OCN
2:15 PM	BITE and CAR T cell therapy in the Acute Leukemia Patient: A Case Study Approach Shona Beatty, MS, PA-C Kathryn Walsh, MSN, RN, AGPCNP-BC
2:45 PM	Cytokine Release Syndrome Kelly Liotta, BSN, RN
3:05 PM	Panel Discussion
3:25 PM	Break

Clinical Considerations for Immune Checkpoint Toxicities

MODERATOR: Joanne Wells, MSN, RN, ANP-BC, AOCNP

3:35 PM	Gastrointestinal Immune-Related Adverse Event: Colitis Tara Corso, MS, PA-C
3:55 PM	Neurological Immune-Related Adverse Event: Myasthenia Gravis Yelena Shames, MSN, RN, ACNP-BC, CNRN
4:15 PM	Cardiac Immune-Related Adverse Event: Myocarditis Dylana Smith, MSN, RN, AGPCNP-BC, HNP
4:35 PM	Panel Discussion
4:55 PM	Closing Remarks Kerry Williams, MSN, RN, ANP-BC, AOCNP
5:00 PM	Adjourn

This virtual course will be delivered using Zoom. There will be ample opportunity for faculty to answer questions from participants during panel discussions.

Please note that all times listed on the course schedule are Eastern Standard Time (EST).

Register online:

mskcc.org/immunoAPPCourse

Registration Fees

Physicians (MDs, PhDs, and DOs)	\$249
Advanced Practice Providers	\$199
Nursing and Other Healthcare Professionals	\$149
Industry Professionals*	\$435

Registration is complimentary for residents, fellows, APP students, and nursing students. Please email cme@mskcc.org to receive a promotion code for complimentary registration.

A registration discount is available for **MSK Alumni** and **MSK Cancer Alliance**. If you are a member of one of these groups, please email cme@mskcc.org for a promotion code.

Registration is complimentary for all **MSK employees**; however, you must complete registration in order to attend.

Please note that after your payment has been processed, no further promotional discounts or adjustments will be made to your registration.

Visit the course website for additional information including our cancellation policy: mskcc.org/immunoAPPCourse

***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.