



Mayo Clinic School of Continuous  
Professional Development

MAYO CLINIC

# CARDIO-ONCOLOGY UPDATE 2021



REGISTER  
TODAY!

## MAYO CLINIC COURSE DIRECTORS

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## GUEST FACULTY

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Arizona  
CHAPTER



Cardio  
Oncology

**FAIRMONT SCOTTSDALE PRINCESS**  
**SCOTTSDALE, ARIZONA**  
**NOVEMBER 4–6, 2021**

[CE.MAYO.EDU/CARDIOONCUPDATE2021](https://ce.mayo.edu/cardiooncupdate2021)

## COURSE DESCRIPTION

This course will cover key updates in cardio-oncology clinical practice and research over the last year, and also review key fundamental topics regarding the management of cardiac and vascular diseases affecting patients with cancer and cancer survivors. Fundamental topics will include heart failure, myocarditis, vascular disease, and arrhythmias associated with cancer therapies, as well as the cardiac effects of radiation therapy.

The interactive format will include case presentations, state-of-the-art lectures, and the opportunity for attendees to submit challenging cases for group discussion. The goals of the course are to improve quality, safety and outcomes for cancer patients with cardiac disease and to bring together members of the cardio-oncology community to learn from each other's experiences.

## TARGET AUDIENCE

This course is designed for general cardiologists, heart failure specialists, and advanced practice providers working in cardiology who either currently practice cardio-oncology or aim to expand their practice into the field to optimize the care of this patient population. The course is also designed for providers in hematology, oncology, and internal medicine as they are often the first to encounter and diagnose patients with cardiotoxicity related to cancer therapies.

## LEARNING OBJECTIVES

Upon completion of this activity, participants should be able to:

- Identify classes of chemotherapeutic agents commonly associated with cardiovascular risk.
- Outline appropriate cardiac surveillance plans for patients receiving cancer therapies with potential cardiac toxicities.
- Describe treatment and manage myocarditis secondary to checkpoint inhibitor therapy.
- Describe treatment and manage hypertension secondary to tyrosine kinase inhibitor therapy.
- Describe treatment and manage heart failure secondary to cancer therapy.

## ONLINE REGISTRATION

[CE.MAYO.EDU/CARDIOONCUPDATE2021](https://ce.mayo.edu/cardiooncupdate2021)

## REGISTRATION FEES

Physicians/Scientists: M.D., D.O., Ph.D.	\$899
Residents, Fellow, NP, PA, Allied Health Professionals, Retiree	\$799

## MEETING LOCATION AND ACCOMMODATIONS

### Fairmont Scottsdale Princess

Scottsdale, Arizona (480-585-4848)

A limited block of guest rooms has been reserved for attendees at the special group rate of \$325/night (USD) plus applicable city/state taxes. Make your reservation before the block fills or the cutoff date of October 4, 2021, reference the Mayo Clinic Cardio-Oncology course. Group rates will apply three days prior to and three days after the course dates based on group room availability. Children younger than the age of 18 will stay complimentary. Third or fourth adult person rates are \$30 each. Attendees are responsible for their own reservations. For more information and to make your reservations visit the course website.

## CANCELLATION POLICY

Please visit [ce.mayo.edu/cancellation](https://ce.mayo.edu/cancellation) for more information.

## PROGRAM

### **THURSDAY, NOVEMBER 4, 2021**

Framing the Problem: Introduction to Hematologic and Oncologic Malignancies and the Potential Cardiotoxicities of Their Treatment

- Most Common Solid Tumors and Their Prognosis in 2021
- Most Common Hematologic Malignancies and Their Prognosis in 2021
- Introduction to Traditional Chemotherapies
- Introduction to Targeted Therapy: Monoclonal Antibodies and Tyrosine Kinase Inhibitors
- State of the Art Lecture: CAR-T Cell Therapy: What is it and Does it Affect the Heart?
- What are Checkpoint Inhibitors and What Potential Cardiotoxicities Can They Cause?
- Potential Cardiovascular Toxicities of Therapy for Amyloid and Multiple Myeloma
- Stem Cell Transplant: How Pre-Existing Cardiac Disease Affects Risk of Transplant and Potential Adverse Cardiac Events Post-Transplant
- Short- and Long-Term Cardiovascular Effects of Radiation: Assessing Risk

The Cardiology Toolbox: Cardiac Surveillance and Prevention During and After Cancer Therapy Key Topics in Cardio-Oncology 2021

- State of the art Lecture: The Role of Cardiac Biomarkers in Risk

Prediction and Surveillance for the Cancer Patient

- Echocardiography and Strain Imaging
- The Role of Genetics in Assessing Risk for Cardiotoxicity
- When to Consider Cardiac MRI in Cardio-Oncology
- The Role of Nuclear Imaging in Cardio-Oncology
- Medical Therapy for Prevention or Early Treatment of Cardiotoxicity

### **FRIDAY, NOVEMBER 5, 2021**

Key Topics in Cardio-Oncology

- State of the Art Lecture: Managing Checkpoint Inhibitor Myocarditis and Vasculitis
- Chemotherapy and Vascular Disease
- Survivorship: Cardiovascular Risk in Cancer Survivors

2021 Cancer and Cardiovascular Disease

- State of the Art Lecture: Atrial Fibrillation Management in Cancer Patients
- Lifestyle Modification for the Prevention of Cancer and Cardiovascular Disease
- Anticoagulation Management in Patients with Cancer and Cardiovascular Disease
- Percutaneous Management of Malignant Pericardial Effusions
- Surgical Management of Malignant Pericardial Effusions

- Starting a Cardio-Oncology Clinic
- Challenging Cardio-Oncology Cases
- Trastuzumab Heart Failure Case(s)
- Anthracycline Heart Failure Case(s)
- QT Prolongation Case(s)
- Hypertension Case(s)
- Chest Pain Case(s)

### **SATURDAY, NOVEMBER 6, 2021**

Radiation Heart Disease

- Radiation Valvular Heart Disease
- Radiation Coronary Artery Disease
- Surgical Challenges in the Management of Radiation Heart Disease
- Percutaneous Management of Radiation Heart Disease

Cardiac Complications of Cancer

- State of the Art Lecture: Updates in Cardiac Amyloidosis 2021
- Managing Heart Failure in Cardiac Amyloid: Challenging Clinical Cases
- Benign Cardiac Masses
- Malignant Cardiac Masses
- Marantic Endocarditis
- Cardiac Masses: A Pathologist's Perspective

## CREDIT



In support of improving patient care, Mayo Clinic College of Medicine and Science is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

### **AMA**

Mayo Clinic College of Medicine and Science designates this live activity for a maximum of 16.5 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### **ANCC**

Mayo Clinic College of Medicine and Science designates this activity for a maximum of 16.50 ANCC contact hours. Nurses should claim only the credit commensurate with the extent of their participation in the activity.

### **AOA**

The American Osteopathic Association designates this program for a maximum of 16.50 AOA Category 2-A credits.

### **ABIM MOC**

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 16.5 Medical Knowledge MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

### **Other Healthcare Professionals**

A certificate of attendance will be provided to other healthcare professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

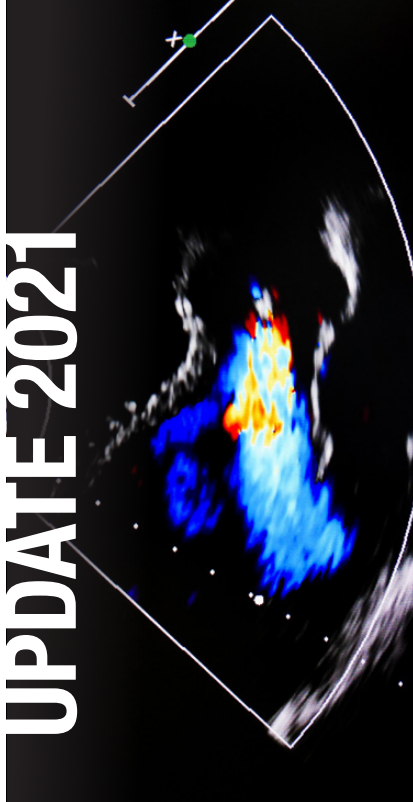
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