MSK CARDIO-ONCOLOGY
ONLINE LECTURE SERIES

ONCE A MONTH
(TUESDAYS, 12:00-1:15 PM)

SEPTEMBER 15, 2020
THROUGH JULY 13, 2021

mskcc.org/cardio-onc-series

Memorial Sloan Kettering Cancer Center
OVERVIEW

Modern cancer therapy has significantly improved cancer survival, transforming several once-fatal cancers into chronic disease, but often at the expense of exposure to cardiotoxic drugs. **Cardiovascular disease is now a leading cause of morbidity and mortality in cancer survivors as they are living long enough to experience later onset cardiac effects of these treatments.** Cardio-oncology is a rapidly evolving field comprised of multidisciplinary care teams focused on improving the outcome of patients with cancer.

The goal of the online lecture series is to provide clinically relevant, state-of-the art, best practice strategies in the evaluation and management of cardiovascular concerns during and after cancer therapy. Experts from Memorial Sloan Kettering and around the country will present an up-to-date overview on novel cancer treatments and current strategies to optimize the cardiovascular health of cancer patients.

**MSK COURSE DIRECTORS**

**Jennifer Liu, MD**
Director, Cardiovascular Laboratories
Attending Physician
Memorial Sloan Kettering Cancer Center
Professor of Medicine
Weill Cornell Medical College

**Richard M. Steingart, MD**
Chief, Cardiology Service
Attending Physician
Memorial Sloan Kettering Cancer Center
Professor of Medicine
Weill Cornell Medical College

**MSK PLANNING COMMITTEE**

**Carol L. Chen, MD**
Associate Attending Physician
Memorial Sloan Kettering Cancer Center
Associate Professor of Medicine
Weill Cornell Medical College
SESSION 1 • September 15, 2020
Delivery of Cardio-Oncology Care in the Era of COVID-19 Pandemic

SESSION 2 • October 13, 2020
Immunotherapy Associated CV Complications

SESSION 3 • November 17, 2020
Breast Cancer: Multispecialty Collaborative Approach to Management

SESSION 4 • December 15, 2020
Cardiac Imaging/Diagnostic Strategies for Early Detection of Cardiotoxicity

SESSION 5 • January 12, 2021
Cardiovascular Considerations in Hematologic Malignancies

SESSION 6 • February 16, 2021
Diagnosis and Management of Amyloidosis

SESSION 7 • March 16, 2021
Radiation Heart Disease

SESSION 8 • April 13, 2021
Anticoagulation Management in Cancer

SESSION 9 • May 11, 2021
Cardiovascular Disease Associated with Cancer Treatment

SESSION 10 • June 15, 2021
Cancer Survivorship and Prevention

SESSION 11 • July 13, 2021
Special Topics: Clinical Conundrums in Cancer
### SESSION 1

**Delivery of Cardio-Oncology Care in the Era of COVID-19 Pandemic**  
Tuesday, September 15, 2020, 12:00-1:15 PM

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>11:50 AM</td>
<td>SESSION CHECK-IN</td>
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</tr>
<tr>
<td>12:00 PM</td>
<td><strong>Impact of COVID-19 in Patients with Cardiovascular Disease and Cancer</strong></td>
<td>Joerg Hermann, MD</td>
</tr>
<tr>
<td>12:20 PM</td>
<td><strong>Modification of Cardiac Surveillance Before, During and After Cancer Therapy in the COVID Era</strong></td>
<td>Anthony Yu, MD</td>
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<tr>
<td>12:35 PM</td>
<td><strong>Considerations in Cardio-Oncology Care During COVID-19</strong></td>
<td>Daniel Lenihan, MD</td>
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<tr>
<td>12:50 PM</td>
<td><strong>Live Q/A with Faculty</strong></td>
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### SESSION 2

**Immunotherapy Associated CV Complications**  
Tuesday, October 13, 2020, 12:00-1:15 PM

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<tbody>
<tr>
<td>11:50 AM</td>
<td>SESSION CHECK-IN</td>
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<tr>
<td>12:00 PM</td>
<td><strong>Immunotherapy: Understanding Antitumor Immunity and Moving the Field Forward</strong></td>
<td>Jedd Wolchok, MD, PhD</td>
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<tr>
<td>12:20 PM</td>
<td><strong>Immunotherapy Induced Myocarditis: Pathophysiology and Diagnosis</strong></td>
<td>Tomas Neilan, MD</td>
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<tr>
<td>12:40 PM</td>
<td><strong>Myocarditis Management Strategies. Can We Identify Those at Risk?</strong></td>
<td>Carol L. Chen, MD</td>
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<tr>
<td>1:00 PM</td>
<td><strong>Live Q/A with Faculty</strong></td>
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### SESSION 3

**Breast Cancer: Multispecialty Collaborative Approach to Management**  
Tuesday, November 17, 2020, 12:00-1:15 PM

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<td>11:50 AM</td>
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<tr>
<td>12:00 PM</td>
<td><strong>Case Presentation</strong></td>
<td>Stephanie Feldman, MD</td>
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<tr>
<td>12:20 PM</td>
<td><strong>Contemporary Breast Cancer Therapy</strong></td>
<td>Chau Dang, MD</td>
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<tr>
<td>12:40 PM</td>
<td><strong>Optimizing Cardiovascular Health During and After Breast Cancer Treatment</strong></td>
<td>Anthony Yu, MD</td>
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<tr>
<td>1:00 PM</td>
<td><strong>Live Q/A with Faculty</strong></td>
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### SESSION 4
**Cardiac Imaging/Diagnostic Strategies for Early Detection of Cardiotoxicity**  
Tuesday, December 15, 2020, 12:00-1:15 PM

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>11:50 AM</td>
<td>SESSION CHECK-IN</td>
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</tbody>
</table>
| 12:00 PM | Multimodality Imaging – Why, Which Test and How Often?  
Dinesh Thavendiranathan, MD |
| 12:20 PM | Role of Strain Imaging in Cardio-oncology  
Jennifer Liu, MD |
| 12:40 PM | Cardiac Masses  
Jonathan Weinsaft, MD |
| 12:50 PM | Live Q/A with Faculty |
| 1:15 PM  | ADJOURN                                                             |

### SESSION 5
**Cardiovascular Considerations in Hematologic Malignancies**  
Tuesday, January 12, 2021, 12:00-1:15 PM

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<thead>
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<tbody>
<tr>
<td>11:50 AM</td>
<td>SESSION CHECK-IN</td>
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</table>
| 12:00 PM | Understanding Stem Cell/Bone Marrow Transplant  
Sergio Giralt, MD |
| 12:20 PM | CV Issues and Challenges During and After Bone Marrow Transplant  
Wendy Schaffer, MD, PhD |
| 12:40 PM | CART T cell and CV Complications  
Sarju Ganatra, MD |
| 1:00 PM  | Live Q/A with Faculty |
| 1:15 PM  | ADJOURN                                                             |

### SESSION 6
**Diagnosis and Management of Amyloidosis**  
Tuesday, February 16, 2021, 12:00-1:15 PM

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<th>Time</th>
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<tbody>
<tr>
<td>11:50 AM</td>
<td>SESSION CHECK-IN</td>
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</tbody>
</table>
| 12:00 PM | MGUS, Multiple Myeloma, AL Amyloidosis – Understanding the Spectrum of Plasma Dyscrasia  
C. Ola Landgren, MD, PhD |
| 12:15 PM | Cardiac Amyloidosis: When to Suspect and How to Make the Diagnosis  
Jennifer Liu, MD |
| 12:30 PM | Contemporary Management of AL Amyloidosis  
Heather Landau, MD |
| 12:45 PM | Advances in TTR Amyloidosis Therapy  
Mathew Maurer, MD |
| 1:00 PM  | Live Q/A with Faculty |
| 1:15 PM  | ADJOURN                                                             |
# SESSION 7
**Radiation Heart Disease**  
Tuesday, March 16, 2021, 12:00-1:15 PM

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Name</th>
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<tr>
<td>11:50 AM</td>
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<tr>
<td>12:00 PM</td>
<td><strong>Radiation Therapy: Strategies to Minimize Radiation Induced Cardiotoxicity – Past, Present and Future</strong></td>
<td>Oren Cahlon, MD</td>
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<tr>
<td>12:20 PM</td>
<td><strong>Cardiovascular Complications of Radiation</strong></td>
<td>Richard Steingart, MD</td>
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<tr>
<td>12:40 PM</td>
<td><strong>Practical Management Algorithm of Patients with Radiation Associated Heart Disease</strong></td>
<td>Milind Desai, MD</td>
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<tr>
<td>12:50 PM</td>
<td>Live Q/A with Faculty</td>
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# SESSION 8
**Anticoagulation and Antiplatelet Management in Cancer**  
Tuesday, April 13, 2021, 12:00-1:15 PM

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<tr>
<th>Time</th>
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<tr>
<td>11:50 AM</td>
<td>SESSION CHECK-IN</td>
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<tr>
<td>12:00 PM</td>
<td><strong>Risk, Prevention and Treatment Algorithm in Cancer-associated Thrombosis</strong></td>
<td>Gerald Soff, MD</td>
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<tr>
<td>12:20 PM</td>
<td><strong>Atrial Fibrillation and Anticoagulation - Does the CHADS Score Apply?</strong></td>
<td>James Ip, MD</td>
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<td>12:40 PM</td>
<td><strong>Interventional Management of Acute Coronary Syndrome and Chronic CAD</strong></td>
<td>Robert Minutello, MD</td>
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<td>1:00 PM</td>
<td>Live Q/A with Faculty</td>
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# SESSION 9
**Cardiovascular Disease Associated with Cancer Treatment**  
Tuesday, May 11, 2021, 12:00-1:15 PM

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<thead>
<tr>
<th>Time</th>
<th>Session Name</th>
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<tbody>
<tr>
<td>11:50 AM</td>
<td>SESSION CHECK-IN</td>
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<tr>
<td>12:00 PM</td>
<td><strong>5FU Induced Cardiotoxicity</strong></td>
<td>Wendy Schaffer, MD, PhD</td>
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<td>12:20 PM</td>
<td><strong>Cardiovascular Effects of Androgen Deprivation Therapy in Prostate Cancer Patients</strong></td>
<td>Susan Slovin, MD, PhD</td>
</tr>
<tr>
<td>12:40 PM</td>
<td><strong>Management of Genitourinary Cancer: CV Disease at the Crossroads</strong></td>
<td>Darren Feldman, MD</td>
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<tr>
<td>12:50 PM</td>
<td>Live Q/A with Faculty</td>
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### SESSION 10
**Cancer Survivorship and Prevention**  
Tuesday, June 15, 2021, 12:00-1:15 PM

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<tbody>
<tr>
<td>11:50 AM</td>
<td>SESSION CHECK-IN</td>
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</tbody>
</table>
| 12:00 PM   | Late Onset Cardiotoxicity in Adult Survivors of Childhood Cancer: Incidence, Risk Factors and Individual CV Risk Prediction  
             Greg Armstrong, MD, MSCE                                  |
| 12:20 PM   | Exercise in Cancer: Can it Mitigate Cardiotoxicity?            
             Jessica Scott, PhD                                         |
| 12:40 PM   | Racial Disparities in Cardio Oncology Care                     
             Michelle Johnson, MD, MPH                                  |
| 1:00 PM    | Live Q/A with Faculty                                          |
| 1:15 PM    | ADJOURN                                                       |

### SESSION 11
**Special Topics: Clinical Conundrums in Cancer**  
Tuesday, July 13, 2021, 12:00-1:15 PM

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>11:50 AM</td>
<td>SESSION CHECK-IN</td>
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</table>
| 12:00 PM   | Stress Induced Cardiomyopathy                                   
             Richard M. Steingart, MD                                   |
| 12:20 PM   | Clonal Hematopoiesis of Indeterminate Potential (CHIP): A New Risk Factor of CV Disease? 
             Dipti Gupta, MD, MPH                                         |
| 12:40 PM   | Pulmonary HTN and Cancer: Causes, Diagnosis and Treatment       
             Evelyn Horn, MD                                             |
| 1:00 PM    | Live Q/A with Faculty                                          |
| 1:15 PM    | ADJOURN                                                       |

By registering for this online lecture series, you will be able to view presentations, hear live audio, and interact online during the live Q&A with faculty. All sessions presented live will be recorded and made available to attendees for viewing after the course.

CME and ABIM MOC credit will be offered for each session and a certificate will be available after a post-session evaluation is complete.

Each session will be delivered using Zoom. We encourage all attendees to download the Zoom app prior to the start of the course (zoom.us/download). Additional access details will be emailed to all attendees before each session.
INVITED FACULTY

Gregory Armstrong, MD, MSCE
St. Jude Children’s Research Hospital
Memphis, TN

Milind Desai, MD
Cleveland Clinic
Cleveland, OH

Sarju Ganatra, MD
Beth Israel Lahey Health
Burlington, MA

Joerg Herrmann, MD
Mayo Clinic
Rochester, NY

Evelyn Horn, MD
Weill Cornell Medical Center
New York, NY

James Ip, MD
Weill Cornell Medical Center
New York, NY

Daniel Lenihan, MD
Washington University
St. Louis, MO

Mathew Maurer, MD
Columbia Presbyterian Hospital
New York, NY

Robert Minutello, MD
Weill Cornell Medical Center
New York, NY

Tomas Neilan, MD
Massachusetts General Hospital
Boston, MA

Dinesh Thavendiranathan, MD
Toronto General Hospital
Toronto, Canada

Jonathan Weinsaft, MD
Weill Cornell Medical Center
New York, NY

MSK FACULTY

Oren Cahlon, MD
Radiation Oncology

Chau Dang, MD
Breast Oncology Service

Darren Feldman, MD
Genitourinary Oncology Service

Stephanie Feldman, MD
Cardiology Service

Sergio Giralt, MD
Bone Marrow Transplant

Dipti Gupta, MD, MPH
Cardiology Service

Michelle Johnson, MD, MPH
Cardiology Service

Heather Landau, MD
Bone Marrow Transplant

C. Ola Landgren, MD, PhD
Myeloma Service

Wendy Schaffer, MD, PhD
Cardiology Service

Jessica Scott, PhD
Exercise Oncology Service

Susan Slovin, MD, PhD
GU Oncology

Gerald Soff, MD
Hematology Service

Jedd Wolchok, MD, PhD
Melanoma Service

Anthony Yu, MD
Cardiology Service
Register for the complete lecture series or individual sessions online:

mskcc.org/cardio-onc-series

<table>
<thead>
<tr>
<th>Registration Fees</th>
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<tbody>
<tr>
<td>Complete Lecture Series (Access to all 11 Monthly Lectures)*</td>
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<tr>
<td>Individual Sessions</td>
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</table>

*The complete lecture series can be purchased at any time. All live sessions will be recorded and made available on demand as enduring material after the session date. CME and ABIM MOC credit, along with a certificate, will be offered for each session after the completion of a post-course evaluation, whether you participate live or learn on your own time. If you have any questions, please email cme@mskcc.org.

Registration for this online lecture series is available until December 31, 2021. Please note that all those registered will have access to the course materials on the MSK CME Portal until March 31, 2022.

Registration Discounts/Promotions

- MSK CME offers a discounted rate for MSK Alumni, MSK Cancer Alliance and Cancer Care Partners. If you are a member of one of these groups, please contact cme@mskcc.org for more information.
- MSK employee registration is complimentary. However, you must complete course registration in order to attend this course.

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

Cancellation Policy

If you cancel your participation in this course, your registration fee, less a $25 administrative fee, will be refunded when email notification is received by the MSK Office of Continuing Medical Education (MSK CME) at least 7 days prior to the first day of the course (cme@mskcc.org).

Cancellations or no-shows after this date are not eligible for a refund. MSK CME reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event we must cancel or postpone this course, we will refund the registration fee in full, but are not responsible for any related costs, charges, or expenses to participants, including fees incurred by airline/travel/lodging agencies. At any time, you may substitute another registrant in your place after contacting MSK CME with the relevant information.

If it has been more than 120 days since you paid for a course, or submitted a check for payment, a W9 form will need to be completed for us to refund your registration. You will not be taxed on your refund.
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 for the Complete Lecture Series (11 Sessions)**
Memorial Sloan Kettering Cancer Center designates this Other activity (lecture series containing live and enduring learning) for a maximum of **13.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**ABIM MOC Recognition Statement for the Complete Lecture Series (11 Sessions)**
Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 13.75 Medical Knowledge MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

**AMA Credit Designation Statement for an Individual Session (Live)**
Memorial Sloan Kettering Cancer Center designates this Live activity for a maximum of **1.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**ABIM MOC Recognition Statement for an Individual Session (Live)**
Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to **1.25 Medical Knowledge MOC points** in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

**AMA Credit Designation Statement for an Individual Session (Enduring)**
Memorial Sloan Kettering Cancer Center designates this Enduring Material activity for a maximum of **1.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**ABIM MOC Recognition Statement for an Individual Session (Enduring)**
Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to **1.25 Medical Knowledge MOC points** in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.
MSK CARDIO-ONCOLOGY

ONLINE LECTURE SERIES

Memorial Sloan Kettering Cancer Center