A Comprehensive Approach to Cardiovascular Health and Disease During and After Cancer Therapy:
A CASE BASED CURRICULUM

APRIL 29-30, 2016

Conference Location:
MEMORIAL SLOAN KETTERING CANCER CENTER
Zuckerman Research Center
417 East 68th Street, New York, NY 10065
Course Overview

Over the past decade, the cardiovascular care of patients with cancer has evolved as a subspecialty driven by novel therapies that can cure or control cancer, particularly because many patients are now living long enough to experience the potential cardiotoxic effects of these new treatments. The purpose of this conference is to provide a case-based curriculum that addresses important clinical topics relevant to the management of the cardiovascular health of patients with cancer. Experts from Memorial Sloan Kettering Cancer Center and around the country will present an up-to-date overview on the evaluation and management of heart disease in cancer patients covering early diagnosis, treatment and long-term surveillance. All presentations will include devoted time to permit interaction between audience members and presenters.

EDUCATIONAL OBJECTIVES

By the end of this course, participants will be able to:

- Describe the cardiotoxic regimens used in cancer treatment including novel targeted therapies
- Explain the principles of surveillance, primary prevention and treatment of underlying cardiovascular diseases during cancer therapies
- State specific examples of cardiovascular challenges during cancer therapy
- Summarize existing recommendations regarding cardiac monitoring during and post cancer therapy and develop an understanding of the newer methods of cardiotoxicity monitoring

TARGET AUDIENCE

This course is intended for cardiologists, internists, hematologists/oncologists and other affiliated healthcare professionals who are involved in the care of cancer patients or have a special interest in this area.

www.mskcc.org/cardio-onc
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MSKCC COURSE DIRECTORS

Jennifer Liu MD
Director of Cardiovascular Laboratories
Memorial Sloan Kettering Cancer Center
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Richard Steingart MD
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Howard Weinstein MD
Cardiology Service

Anthony Yu MD
Cardiology Service

INVITED FACULTY

Usman Baber MD
Mt. Sinai Hospital

Ana Barac MD
MedStar Washington Hospital Center

Joseph Carver MD
Hospital of the University of Pennsylvania

Jim Cheung MD
Weill Cornell Medical Center

Stephan Danik MD
Mt. Sinai St. Luke’s Hospital

Bonnie Ky MD
Hospital of the University of Pennsylvania

Dan Lenihan MD
Vanderbilt University Medical Center

Jagat Narula MD PhD MACC
Mt. Sinai Hospital

Bruce Lytle MD
Baylor-Plano Heart Hospital

Ileana Pina MD
Montefiore Hospital/Albert Einstein Medical Center

Marielle Scherrer-Crosbie MD
Massachusetts General Hospital

Jessica Scott PhD
NASA Johnson Space Center

Nonniekaye Shelburne MS
National Cancer Institute

Jonathan Weinsaft MD
Weill Cornell Medical Center

Edward Yeh MD
The University of Texas MD Anderson Cancer Center
Course Agenda

Friday, April 29, 2016

7:00am  Registration and Continental Breakfast

8:00am  Medical Grand Rounds:
        New Insights Into an Old Problem: Adriamycin Cardiac Toxicity
        Edward Yeh MD

9:00am  Introduction & Overview
        Jennifer Liu MD, Richard Steingart MD

9:10am  Welcome
        Philip Kantoff MD

DEFINING CLINICAL PROBLEMS

9:15am  Heart Disease in Cancer Patients – Why is it so Important Now?
        Richard Steingart MD

9:35am  Cancer Therapy Induced Heart Failure: Do the Traditional Paradigms Apply?
        Ileana Pina MD

9:55am  Trastuzumab and Cardiac Monitoring in Breast Cancer:
        Recommendations and Controversy
        Anthony Yu MD

10:15am Radiation Induced Cardiotoxicity
        Dipti Gupta MD

10:35am Panel Discussion/Questions
        Moderators: Joseph Carver MD, Edward Yeh MD

10:50am Break

11:05am Cardiopulmonary Complications in Adult Survivors
        of Childhood Cancer
        Kevin Oeffinger MD

11:25am Cardiotoxicity from the Perspective of an Oncologist
        Chau Dang MD

11:45am Cancer Associated Arterial and Venous Thromboembolism:
        Advances in Prevention and Treatment
        Simon Mantha MD

12:05pm Panel Discussion/Questions
        Moderators: Jennifer Liu MD, Richard Steingart MD

12:20pm Lunch

EVALUATION AND MANAGEMENT OF CARDIAC DISEASE
DURING CANCER THERAPY

1:20pm Cardioprotective Strategies: Can We Prevent Treatment
        Related Cardiovascular Disease?
        Michael Baum MD

1:40pm Cardiac Monitoring During and Post Cancer Treatment:
        What is Appropriate?
        Marielle Scherrer-Crosbie MD
Friday, April 29, 2016

2:00pm  Challenges in the Management of LV Dysfunction, Arrhythmias, HTN and Ischemia During Cancer Therapy  
Carol Chen MD

2:20pm  Aerobic Exercise in Cancer Patients  
Jessica Scott PhD

2:40pm  Panel Discussion/Questions  
Moderators: Anthony Yu MD, Richard Steingart MD

3:00pm  Break

IMAGING MODALITIES FOR CARDIOVASCULAR MANAGEMENT DURING CANCER THERAPY

3:15pm  Cardiotoxicity Monitoring: Is LVEF Enough?  
Jennifer Liu, MD

3:35pm  When Should I Order a Cardiac MRI?  
Jonathan Weinsaft MD

3:55pm  Early Identification of Subclinical Cardiac Toxicity—The Role of Biomarkers and Non-Invasive Imaging  
Bonnie Ky MD

4:15pm  How to Set Up a Cardio-Oncology Lab  
Eileen McAleer MD

4:35pm  Questions/Panel Discussion  
Moderators: Marielle Scherrer-Crosbie MD, Anna Barac MD

4:55pm  Break

5:00pm  Interesting Cases from Audience/Faculty  
Chair: Joseph Carver MD  
Discussants: Michelle Johnson MD, Nancy Roistacher MD, Dipti Gupta MD, Anthony Yu MD

5:30pm  Strain and 3D – Practical Workshop: Tips on Image Acquisition and Interpretation  
Nancy Roistacher MD, Elton Mara RDMS, Jennifer Liu MD, Ray Diaz RDMS
Saturday, April 30, 2016

7:00am      Registration and Continental Breakfast

CARDIOVASCULAR CHALLENGES IN CANCER PATIENTS

8:00am      Cardiovascular Toxicity of TKIs/VSPI: What the Clinician Needs to Know
            Daniel Lenihan MD

8:20am      How to Manage 5FU Induced Chest Pain Syndrome
            Wendy Schaffer MD

8:40am      Medical and Interventional Management of Acute and Chronic Coronary Artery Disease in Cancer Patients
            Usman Baber MD

9:00am      Cardiac Surgery in Patients with Radiation Associated Heart Disease
            Bruce Lytle MD

9:20am      Panel Discussion/Questions
            Moderators: Richard Steingart MD, Carol Chen MD

9:40am      Break

10:00am     Perioperative Cardiovascular Evaluation and Management of Patients Undergoing Cancer Surgery
            Howard Weinstein MD

10:20am     QT Prolongation and QT Induced Torsades During Cancer Therapy
            Stephan Danik MD

10:40am     Management of Arrhythmia During Cancer Therapy
            Jim Cheung MD

11:00am     Panel Discussions/Question
            Moderators: Jennifer Liu MD, Anthony Yu MD

11:30am     Break

FUTURE OF CARDIO-ONCOLOGY

11:25am     Cardio-Oncology Training Program
            Michelle Johnson MD

11:45am     Cardiology and Oncology Collaborative Care: Establishing a Cardio-Oncology Clinic
            Ana Barac MD

12:05pm     Special Lecture
            “What is the Role of the Leading General Cardiology Journal in Promulgating Subspecialty Knowledge to the Cardiology Community? My Experience as Editor of the JACC”
            Jagat Narula MD PhD MACC

12:25pm     Cardio-Oncology Research Initiative
            Nonniekaye Shelburne MS

12:35pm     Panel Discussion/Questions
            Moderator: Richard Steingart MD, Dan Lenihan MD

12:50pm     Closing Remarks
            Jennifer Liu MD
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COURSE DESIGN
This course is comprised of lectures and interactive audience participation encouraging the intellectual exchange of ideas between faculty and participants.

ACCREDITATION STATEMENT
MSK is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA CREDIT DESIGNATION STATEMENT
Memorial Sloan Kettering Cancer Center designates this live activity for a maximum of 13.25 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity. The AMA has determined that physicians not licensed in the United States but who participate in this CME activity are eligible for 13.25 AMA PRA Category 1 Credits™.

EVALUATION
A course evaluation survey sent out electronically will provide attendees with the opportunity to review the sessions and the speakers and to identify future educational needs.

OUTCOMES MEASUREMENT SURVEY
Six months after the end of the course an Outcomes Measurement Survey will be sent to all participants to help us determine what positive impacts have been made on participant practice as a result of the course.

FACULTY DISCLOSURE
It is the policy of MSK to make every effort to insure balance, independence, objectivity, and scientific rigor in all continuing medical education activities which it sponsors as an ACCME accredited provider. In accordance with ACCME guidelines and standards, all faculty participating in an activity sponsored by MSK are expected to disclose any significant financial interest or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services which are discussed by the faculty members in an educational presentation. As required by the ACCME, When an unlabeled use of a commercial product or an investigational use not yet approved for any purpose is discussed during an educational activity, MSK requires the speaker to disclose that the product is not labeled for the use under discussion or that the product is still investigational.

ACCOMMODATIONS
For information on hotels in the area of MSKCC with discounted rates, please visit: www.mskcc.org/accommodations.