Program Schedule
Cardio-Oncology: Putting Principles into Action in Your Practice

Thursday, February 7, 2019

7:00 a.m.  Registration & Continental Breakfast – Trailblazer Ballroom

7:20 a.m.  Early Bird Cases
Uncommon Cause of Infarction in a Cancer Patient
Sunil V. Mankad, M.D.

Cancer and the Cardiovascular System: Recognition of an Emerging Specialty and Special Topics

Moderators: Farouk Mookadam, M.B., B.Ch.; Donald W. Northfelt, M.D.

7:50 a.m.  Welcome and Course Overview

8:00 a.m.  Cardio-Oncology: The Journey Paved with Echocardiography
A. Jamil Tajik, M.D.

8:20 a.m.  Cardio-Oncology: The Oncologists Perspective
Donald W. Northfelt, M.D.

8:40 a.m.  Cancer and Cardiovascular Risk: Quandry or Opportunity
Farouk Mookadam, M.B., B.Ch.

9:00 a.m.  Multimodality Imaging in Cardio-Oncology: Practical Points for You
Jeroen J. Bax, M.D.

9:20 a.m.  Q & A Panel
A. Jamil Tajik, M.D.; Donald W. Northfelt, M.D.;
Farouk Mookadam, M.B., B.Ch.; Jeroen J. Bax, M.D.

9:40 a.m.  Break

10:10 a.m.  Periprocedural Management of Anticoagulation For Patients with Cancer
Fadi E. Shamoun, M.D., Ph.D.

10:30 a.m.  Venous Thromboembolic Disease in Cancer: What Are the Optimal Therapeutic Options?
Leslie J. Padrnos, M.D.

10:50 a.m.  Marantic Endocarditis in the Cancer Patient
Waldemar E. Wysokinski, M.D., Ph.D.
Thursday, February 7, 2019 (continued)

11:10 a.m.  Q & A Panel  
Fadi E. Shamoun, M.D., Ph.D.; Leslie J. Padrnos, M.D.; Waldemar E. Wysokinski, M.D., Ph.D.

11:30 a.m.  Lunch - Optional Case Study  
Thoracic Radiotherapy in Patients with Heart Disease  
Joshua R. Niska, M.D.; Farouk Mookadam, M.B., B.Ch.

EXERCISE, DIET, DRUGS, AND SUPPLEMENTS

MODERATORS: Farouk Mookadam, M.B., B.Ch.; Reza Arsanjani, M.D.; Hector R. Villarraga, M.D.

12:30 p.m.  Food as Medicine  
William Li, M.D., FACP

12:50 p.m.  Exercise Benefits in Cancer: What Does Evidence Support?  
Donald W. Northfelt, M.D.

1:10 p.m.  Exercise for the Management of Cardiometabolic Complication of Chemotherapy  
Siddhartha S. Angadi, Ph.D.

1:30 p.m.  Exercise Prescription and Programming Strategies for Cardio-Oncology Patients  
Adam M. Shultz, MS, RCEP

1:50 p.m.  Double Duty Diet: Good for the Heart, Bad for Cancer Cells  
William Li, M.D., FACP

2:10 p.m.  Q & A Panel  
William Li, M.D., FACP; Donald W. Northfelt, M.D.; Siddhartha S. Angadi, Ph.D.; Adam M. Shultz, MS, RCEP

2:30 p.m.  Break

3:00 p.m.  How to Create a Cardio-Oncology Program in your Practice  
Hector R. Villarraga, M.D.

3:20 p.m.  Vascular Toxicities of Oncologic Therapies  
Joerg Herrmann, M.D.

3:40 p.m.  Radiation-Associated Valvular Heart Disease  
Susan Wilansky, M.D.

4:00 p.m.  Q & A Panel  
Hector R. Villarraga M.D.; Joerg Herrmann, M.D.; Susan Wilansky, M.D.

4:20 p.m.  Adjourn
Friday, February 8, 2019

7:00 a.m.  Continental Breakfast

7:30 a.m.  Early Bird Cases
Hypertension in the Cancer Patient: Not the Usual Culprits
Sunil V. Mankad, M.D.

**CARDIO-ONCOLOGY: CARDIAC MASSES/DIFFICULT CARDIO-ONCOLOGY TOPICS**

**MODERATORS:**  Farouk Mookadam, M.B., B.Ch.; Donald W. Northfelt, M.D.

8:00 a.m.  Benign Cardiac Masses: How to Diagnose and Manage
Kyle W. Klarich, M.D.

8:20 a.m.  TTR Amyloid: What’s New?
Martha Grogan, M.D.

8:40 a.m.  Myeloma and the Heart
Jeremy T. Larsen, M.D.

9:00 a.m.  Identifying/Treating Cardiotoxicity of
Immune Check Point Inhibitors
Reza Arsanjani, M.D.

9:20 a.m.  AL Amyloid: How to Diagnose and What is New
Martha Grogan, M.D.

9:40 a.m.  Q & A Panel
Kyle W. Klarich, M.D.; Martha Grogan, M.D.; Jeremy T. Larsen, M.D.; Reza Arsanjani, M.D.

10:00 a.m.  Break

**CARDIOLOGY AND ONCOLOGY GENERAL TOPICS**

**MODERATOR:**  Brian W. Hardaway, M.D.; Farouk Mookadam, M.B., B.Ch.; Reza Arsanjani, M.D.

10:20 a.m.  Cardiovascular Complications of
Renal Cancer and Associated Therapies
Alan H. Bryce, M.D.

10:40 a.m.  Medical Therapy for the Prevention and Treatment of
Chemotherapy Related Cardiomyopathy
Carolyn M. Larsen, M.D.

11:00 a.m.  Cardiac Complications in Lymphoma/Leukemia
Carrie A. Thompson, M.D.
**Friday, February 8, 2019 (continued)**

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| 11:20 a.m. | **Malignant Cardiac Masses: How to Diagnose and Manage**  
Kyle W. Klarich, M.D. |
| 11:40 a.m. | **Q & A Panel**  
Alan H. Bryce, M.D.; Carolyn M. Larsen, M.D.; Carrie A. Thompson, M.D.; Kyle W. Klarich, M.D. |
| Noon     | **Lunch - Optional Case Study**  
“Not Just Another Case”  
Reza Arsanjani, M.D. |
| (30 minute talk) | **ADVANCES IN ECHOCARDIOGRAPHY** |
| 1:00 p.m. | **ASE Standard Chamber Quantification**  
LA, LV and RV Function  
Matt M. Umland, ACS, RDCS, FASE |
| 1:20 p.m. | **Strain, Spackle, VVI: How To**  
Steven J. Lester, M.D. |
| 1:40 p.m. | **Tracking Cardiac Function Serially 3D or Strain?**  
Steven J. Lester, M.D. |
| 2:00 p.m. | **TTR Amyloid Diagnosis**  
Reza Arsanjani, M.D. |
| 2:20 p.m. | **Q & A Panel**  
Matt M. Umland, ACS, RDCS, FASE;  
Steven J. Lester, M.D.; Reza Arsanjani, M.D. |
| 2:50 p.m. | **Adjourn** |
| 3:00 p.m. | **Optional Echocardiography Workshop**  
(Registration space available)  
**Powell (Next to Trailblazer Ballroom)**  
Farouk Mookadam, M.B., B.Ch.; Reza Arsanjani, M.D.;  
Ronald J. Buono, R.D.C.S.; Chris B. Kendal, R.D.C.S.  
Matt M. Umland, ACS, RDCS, FASE |
| 5:30 p.m. | **Adjourn** |
Saturday, February 9, 2019

6:30 a.m.  Continental Breakfast

7:00 a.m.  Early Bird Cases
          An Unusual Cause of Superior Vena Cava Syndrome
          Sunil V. Mankad, M.D.

RADIATION AND THE HEART: RADIATION ONCOLOGY AND CT SURGERY

MODERATORS:  Reza Arsanjani, M.D.; Farouk Mookadam, M.B., B.Ch.;
              Donald W. Northfelt, M.D.

7:30 a.m.  Reducing Cardiotoxicity with Proton Radiotherapy
          Sameer R. Keole, M.D.

7:50 a.m.  Managing Recurrent Pericardial Effusion in the Cancer Patient
          William K. Freeman, M.D.

8:10 a.m.  Radiation and The Heart: 
          The Surgeon’s Perspective for Radiation Valve Disease
          Kevin L. Greason, M.D.

8:30 a.m.  VATS and the Role of the Surgeon Treating
          Cardio-Oncology Patients
          Dawn E. Jaroszewski, M.D.

8:50 a.m.  Thoracic Tumors
          Stacie E. Beamer, M.D.

9:10 a.m.  Radiation-Pericardial Disease
          Farouk Mookadam, M.D., B.Ch.

9:30 a.m.  Q & A Panel
          Sameer V. Keole, M.D.; Farouk Mookadam, M.B., B.Ch.; Kevin L. Greason,
          M.D.; Dawn E. Jaroszewski, M.D.; Staci E. Beamer, M.D.;
          William K. Freeman, M.D.

9:50 a.m.  Break

SPECIAL TOPICS IN THE INTERVENTIONAL SUITE

MODERATORS:  Farouk Mookadam, M.B., B. Ch.; Eric H. Yang, M.D.;
              Donald W. Northfelt, M.D.

10:10 a.m.  CAD in the Cancer Patient: How to Approach
           Eric H. Yang, M.D.
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<td>10:30 a.m.</td>
<td>My Lymphoma Patient has a Heart Block:</td>
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<td>The SVC is Thrombosed - Now What?</td>
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<td>Siva K. Mulpuru, M.D.</td>
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<td>10:50 a.m.</td>
<td>Severe Mitral Regurgitation in Cancer Patients:</td>
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<td>Sunil V. Mankad, M.D.</td>
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<td>11:10 a.m.</td>
<td>Advanced Cardiomyopathy in Cancer: Non-Medical</td>
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<td>Treatment Options Left Ventricular Assist Device (LVAD)</td>
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<td>Transplant, and Amyloid and Heart Transplant</td>
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<td>Brian W. Hardaway, M.D.</td>
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<td>11:30 a.m.</td>
<td>Q &amp; A Panel</td>
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<td>Eric H. Yang, M.D.; Siva K. Mulpuru, M.D.; Sunil V. Mankad, M.D.;</td>
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<td>11:50 a.m.</td>
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