

**Mayo Clinic Cardio-Oncology Update 2024**

**Scottsdale, Arizona**

**November 7 - 9, 2024**

**Mountain Standard Time**

**Day 1 Thursday, November 7, 2024**

6:45 AM **Registration, Continental Breakfast & Exhibits**

7:45 AM **Welcome and Announcements**

**Session 1: Introduction to Cancer Therapy Related Cardiotoxicity**

Moderators: Donald W. Northfelt, M.D. and Lida A. Mina, M.D.

8:00 AM **Traditional Cancer Therapies**  
Donald W. Northfelt, M.D.

8:30 AM **Targeted Therapies for Breast Cancer**  
Lida A. Mina, M.D.

9:00 AM **Tyrosine Kinase Inhibitors**  
Chris Ray, M.D.

9:30 AM **Break**

10:00 AM **Cellular Therapies and the Heart (CAR-T)**  
Javier L. Munoz, M.D., M.B.A.

10:30 AM **Checkpoint Inhibitors**  
Joerg Herrmann, M.D.

11:00 AM **Introduction to Radiation Therapy**  
Sameer R. Keole, M.D.

**Q&A Panel**

11:30 AM Donald W. Northfelt, M.D., Lida Mina, M.D., Chris Ray, M.D.,  
Javier L. Munoz, M.D., M.B.A., Joerg Herrmann, M.D.,  
and Sameer R. Keole, M.D.

**Lunch Break - Ask a Pharmacist Session - *Optional***  
(12:30 - 1:00 PM – Not for credit)

12:00 PM

**Session 2: Introduction to Cardio-Oncology**

Moderator: Carolyn M. Larsen, M.D. and Joerg Herrmann, M.D.

**Guideline Based Surveillance Strategy for Chemotherapy  
Related Cardiotoxicity: LVEF and Beyond**

1:00 PM

Hector R. Villarraga, M.D.

**Prevention and Management of Chemotherapy Related  
Cardiotoxicity**

1:30 PM

Carolyn M. Larsen, M.D.

**Role for Advanced Heart Failure Therapies in Cardio-  
Oncology**

2:00 PM

Brian W. Hardaway, M.D.

**Break**

2:30 PM

**Role of Advanced Imaging in Cardio-Oncology**

3:00 PM

Balaji Tamarappoo, M.D.

**Artificial Intelligence: The Future of Risk Stratification  
and Early Detection of Cardiotoxicity?**

3:30 PM

Reza Arsanjani, M.D.

**Q&A Panel**

4:00 PM

Hector R. Villarraga, M.D., Carolyn M. Larsen, M.D.,  
Brian W. Hardaway, M.D., Balaji Tamarappoo, M.D.,  
and Reza Arsanjani, M.D.

4:30 PM

**Break**

4:45 PM

**ICOS Board Review Questions  
(Separate Registration)**

Joerg Herrmann, M.D.  
and Daniel Lenihan, M.D., FACC, FESC, FIC-OS

6:15 PM

**Adjourn**

**Day 2**                      **Friday, November 8, 2024**

6:30 AM                      **Continental Breakfast and Exhibits**

7:25 AM                      **Announcements**  
Moderators: Chris Ray, M.D.  
and Chadi Ayoub, M.B.B.S., Ph.D.

7:30 AM                      **Keynote Lecture: Top 10 Publications in Cardio-  
Oncology in the Past Year**  
Daniel Lenihan, M.D., FACC, FESC, FIC-OS

**Session 3: Leukemia and Lymphoma**

Moderators: Chris Ray, M.D. and Chadi Ayoub, M.B.B.S., Ph.D.

8:30 AM                      **Stem Cell Transplant and the Heart**  
Jeanne M. Palmer, M.D.

9:00 AM                      **Understanding CHIP (Clonal Hematopoiesis of  
Indeterminate Potential) and Implications for  
Cardiovascular Risk**  
Naveen L. Pereira, M.D.

9:30 AM                      **Break**

10:00 AM                      **Case Presentation: Atrial Fibrillation and CLL**  
Chris Ray, M.D.

10:30 AM                      **Evaluation and Management of Drug Related QTc  
Prolongation**  
Hicham El Masry, M.D.

11:00 AM                      **Guideline Based Management of DVT and PE**  
Fadi E. Shamoun, M.D.

11:30 AM                      **Q&A Panel**  
Jeanne M. Palmer, M.D., Naveen L. Pereira, M.D.,

Chris Ray, M.D., Hicham El Masry, M.D.,  
and Fadi E. Shamoun, M.D.

12:00 PM

**Challenging Audience Cases Session**

Joerg Herrmann, M.D.

12:30 PM

**Lunch and Exhibits**

**Session 4: Cardiac Risk of Hormone Therapy**

Moderators: Donald W. Northfelt, M.D. and Lida A. Mina, M.D.

1:00 PM

**Prostate Cancer and Heart Disease**

Parminder Singh, M.D.

1:30 PM

**Hormone Therapy and Cardiac Risk in Breast Cancer**

Hema Narayanasamy, M.B.B.S.

2:00 PM

**Exercise and Cardiac Rehab for Cancer Patients**

Regis I. Fernandes, M.D.

2:30 PM

**Hypertension Management in Cancer Patients**

Sandra M. Herrmann, M.D.

3:00 PM

**Q&A Session**

Parminder Singh, M.D., Hema Narayanasamy, M.B.B.S.,  
Regis I. Fernandes, M.D., and Sandra M. Herrmann, M.D.

3:30 PM

**Break**

3:45 PM

**ICOS Board Review Questions  
(Separate Registration)**

Joerg Herrmann, M.D.  
and Daniel Lenihan, M.D., FACC, FESC, FIC-OS

5:15 PM

**Adjourn**

**Day 3**

**Saturday, November 9, 2024**

6:40 AM **Continental Breakfast and Exhibits**

7:40 AM **Announcements**

**Session 5: Building a Cardio-Oncology Practice**

Moderators: Joerg Herrmann, M.D., and Chris Ray, M.D.

7:45 AM **My Experience Building a Cardio-Oncology Practice**  
Joerg Herrmann, M.D., and Chris Ray, M.D.

8:15 AM **Key Pearls from my Cardio-Oncology Practice: An APP Perspective**  
Alyssa D. McPherson, APRN, D.N.P.

8:45 AM **Cardiovascular Considerations in Cancer Survivorship**  
Kathryn J. Ruddy, M.D.

9:15 AM **Break**

9:45 AM **Neuroendocrine Tumors**  
Bassam B. Sonbol, M.D.

10:15 AM **Carcinoid Valvular Heart Disease**  
Chadi Ayoub, M.B.B.S., Ph.D.

10:45 AM **Malignant Cardiac Masses**  
Melanie C. Bois, M.D.

11:15 AM **Diagnosis and Management of Pericarditis and Pericardial Effusions in Cancer Patients**  
S. Allen Luis, M.B.B.S., Ph.D.

**Q&A Panel**

11:45 AM Joerg Herrmann, M.D., Chris Ray, M.D.,  
Alyssa D. McPherson, APRN, D.N.P.,  
Kathryn J. Ruddy, M.D., Bassam B. Sonbol, M.D.,  
Chadi Ayoub, M.B.B.S., Ph.D., Melanie C. Bois, M.D.,  
and S. Allen Luis, M.B.B.S., Ph.D.

12:15 PM **Challenging Audience Cases Session**  
Carolyn M. Larsen, M.D.

12:45 PM **Lunch and Exhibits**

**Session 6: Amyloidosis**

Moderators: Carolyn M. Larsen, M.D. and Martha Grogan, M.D.

1:15 PM **Introduction to Cardiac Amyloidosis**  
Martha Grogan, M.D.

1:45 PM **Challenging Case(s) in Cardiac Amyloid**  
Carolyn M. Larsen, M.D.

2:15 PM **Treatment of AL Amyloid with Cardiac Involvement**  
Angela Dispenzieri, M.D.

2:45 PM **Novel Treatments for TTR Amyloid**  
Julie L. Rosenthal, M.D.

3:15 PM **Q&A Session**  
Martha Grogan, M.D., Julie L. Rosenthal, M.D.,  
Angela Dispenzieri, M.D., and Carolyn M. Larsen, M.D.

3:45 PM **Adjourn**