Day 1: Sunday, January 26, 2020

6:30am  Registration opens
7:00am  Breakfast

Session 1: Intro to interventional oncology and Y-90 (SA-CME)  
Moderator: Siddharth A. Padia, MD, FSIR
8:00 am  Introduction  
Siddharth A. Padia, MD, FSIR
8:15 am  Physics: Review of prerequisite work  
S. Cheenu Kappadath, PhD
9:00 am  Oncology 101  
John D. Louie, MD
9:20 am  Evaluating the patient for Y-90  
David M. Mauro, MD
9:40 am  When not to treat with Y-90?  
Nadine Abi-Jaoudeh, MD, FSIR, CCRP
9:55 am  Questions and discussion

10:00am  Break and visit exhibits

Session 2: Mapping and Planning (SA-CME)  
Moderator: John D. Louie, MD
10:15 am  The mapping angiogram: hepatic anatomy  
Paul Haste, MD
10:35 am  The mapping angiogram: extrahepatic arteries  
Amy R. Deipolyi, MD, FSIR
10:55 am  Case examples: SIR-Spheres beginning dosimetry  
Daniel B. Brown, MD, FSIR
11:15 am  Case examples: TheraSphere beginning dosimetry  
Nora Tabori, MD
11:35 am  Cone beam CT  
Nadine Abi-Jaoudeh, MD, FSIR, CCRP

12:00pm  Lunch and visit exhibits

Session 3: Practice Development  
Moderator: Nora Tabori, MD
1:00 pm  Overview of challenges by location  
Nora Tabori, MD
1:05 pm  Navigating tumor board  
Guy Johnson, MD
1:20 pm  Concurrent therapies, how to work well with your oncologist  
Amy R. Deipolyi, MD, FSIR
1:35 pm  Peri and Post Operative Management  
David M. Mauro, MD
1:50 pm  Paperwork and more  
Zach L. Bercu, MD, RPVI
2:05 pm  Post Y90 imaging 101  
Robert J. Lewandowski, MD, FSIR
2:20 pm  Panel discussion: Strategies in practice development  
All Speakers

3:00 pm  Break and visit exhibits

Session 4: Video - How I Do It  
Moderator: Robert J. Lewandowski, MD, FSIR
3:30 pm  Hepatocellular carcinoma (HCC) with glass: How I do it  
Siddharth A. Padia, MD, FSIR
4:15 pm  HCC with resin: How I do it  
Aravind Arepally, MD, FSIR

5:00-6:00 pm  Hands-on workshop: Y-90 delivery (non-CME)

Day 2: Monday, January 27, 2020

7:00am  Breakfast and corporate symposium (non-CME)
Session 5: HCC (SA-CME)  
**Moderator: Edward Kim MD, FSIR**

- **8:00 am**  Targeted systemic therapies  
  William Harris, MD
- **8:20 am**  Y-90 segmentectomy  
  Guy Johnson, MD
- **8:40 am**  Y-90 lobectomy  
  Robert J. Lewandowski, MD, FSIR
- **9:00 am**  Down staging to resection or transplant  
  Riad Salem, MD, MBA, FSIR
- **9:20 am**  Recent publications on Y90  
  Edward Kim MD, FSIR
- **9:40 am**  Advanced dosimetry  
  Marnix Lam, MD, PhD

**10:45 am**  **Break and visit exhibits**

Session 6: Cholangiocarcinoma and more  
**Moderator: William S. Rilling, MD**

- **11:00 am**  Is there a role for Y90 in Cholangiocarcinoma?  
  William S. Rilling, MD
- **11:10 am**  Systemic therapy  
  William Harris, MD
- **11:20 am**  Tumor board  
  Drs. Rilling, Abi-Jaoudeh, Haste, Louie, Harris, Tabrizian, Arepally

**12:00 pm**  **Lunch and visit exhibits**

Session 7: Colorectal cancer (CRC) (SA-CME)  
**Moderator: Daniel B. Brown, MD, FSIR**

- **1:00 pm**  Primer on CRC therapy: Systemic, biologic and immunologic  
  William Harris, MD
- **1:20 pm**  Y-90 in CRC: evidence by line of therapy  
  Daniel B. Brown, MD, FSIR
- **1:40 pm**  Case examples: Intercalating Y-90 into consolidation and 2nd line therapies  
  Ripal T. Gandhi, MD, FSIR, FSVM
- **2:00 pm**  Case examples: Y-90 salvage  
  Zach L. Bercu, MD, RPVI
- **2:20 pm**  CRC tumor board  
  Drs. Brown, Gandhi, Harris, Bercu

**3:30 pm**  **Break and visit exhibits**

Session 8: Challenges with Radioembolization  
**Moderator: Guy Johnson, MD**

- **3:45 pm**  The impact of Y90 on a surgical practice  
  Parissa Tabrizian, MD
- **4:00 pm**  High lung shunting  
  John D. Louie, MD
- **4:15 pm**  Prior radiation and REILD  
  Paul Haste, MD
- **4:30 pm**  Holmium  
  Marnix Lam, MD, PhD
- **4:45 pm**  Y90 outside the liver  
  Riad Salem, MD, MBA, FSIR

**5:00 pm**  **Hands-on workshop: coils, plugs, microcatheters, microwires, digital tools (non-CME)**

Day 3: Tuesday, January 28, 2020

**7:00 am**  **Breakfast and corporate symposium (non-CME)**

Session 9: Neuroendocrine tumors (NET) (SA-CME)  
**Moderator: Aravind Arepally, MD, FSIR**

- **8:00 am**  Primer on NET Therapy  
  Daniel B. Brown, MD, FSIR
- **8:15 am**  PRRT vs Y90  
  Marnix Lam, MD, PhD
- **8:30 am**  NET tumor board  
  Lam, Padia, Brown, Salem

**9:30 am**  **Break**
Session 10: M&M
10:00am  Complications and how to manage them  Drs. Salem, Brown, Arepally, Rilling, Tabori, Haste, Mauro

12:00pm  Y-90 2020 adjourns

Accreditation and CME Statement

This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education (ACCME). The Society of Interventional Radiology (SIR) is accredited by the ACCME to provide medical education for physicians.

The Society of Interventional Radiology designates this live activity for a maximum of 18.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This program will be approved for a maximum of 10.5 self-assessment credits (SA-CME) by the Society of Interventional Radiology (SIR). SIR is awarded Deemed Status by the American Board of Radiology (ABR). The SAMs offered at this live meeting, meet the ABR's criteria for a self-assessment toward the purpose of fulfilling requirements in the ABR Maintenance of Certification (MOC) Program.
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<th>Y-90 2020 Program Committee</th>
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<td>John D. Louie, MD</td>
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<th>Invited Faculty</th>
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<td>Nadine Abi-Jaoudeh, MD, FSIR</td>
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<td>University of California</td>
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