

# WCIO 2016

BOSTON, MASSACHUSETTS

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# WCIO

Advancing Interventional Oncology

9-12 JUNE 2016

SEAPORT BOSTON HOTEL & WORLD TRADE CENTER  
BOSTON, MASSACHUSETTS

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# Navigate... Ablate... Palliate

## With STAR™ Tumor Ablation System



Steerable  
and navigational  
RF ablation  
instrument



Dual thermocouples  
for active temperature  
monitoring on a single  
instrument



Compatibility  
with StabiliT® when  
augmentation  
indicated

### STAR Clinical Studies Demonstrate<sup>1-4</sup> :

- Fast, durable pain relief
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- May be combined with radiation and/or chemotherapy

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**Indications for Use:** The STAR™ Tumor Ablation System is indicated for palliative treatment in spinal procedures by ablation of metastatic malignant lesions in a vertebral body. As with most surgical procedures, there are risks associated with the STAR procedure, including serious complications. For complete information regarding risks, contraindications, warnings, precautions, and adverse events please review the System's Instructions for Use.

<sup>1</sup> Pain Physician 2014 Jul-Aug; 17(4):317-27    <sup>2</sup> Radiology 2014 Oct; 273 (1): 261-7

<sup>3</sup> J. Vasc Interv Radiol 2015; 18: 573-581    <sup>4</sup> Pain Physician 2015; 18: 573-581

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## WCIO Program Committee



**Constantinos T. Sofocleous, MD, PhD**  
*Program Chair*  
Memorial Sloan Kettering Cancer Center  
New York, New York, USA



**Matthew Callstrom, MD, PhD**  
*Scientific Chair*  
Mayo Clinic  
Rochester, Minnesota, USA



**David C. Madoff, MD**  
*Workshop Chair*  
Weill Cornell Medicine  
New York, New York, USA



**Muneeb Ahmed, MD**  
Beth Israel Deaconess Medical Center  
Boston, Massachusetts, USA



**Debra Gervais, MD**  
Massachusetts General Hospital  
Boston, Massachusetts, USA



**Kevin Kim, MD**  
Yale School of Medicine  
New Haven, Connecticut, USA



**Philippe Pereira, MD**  
SLK Clinics  
Heilbronn, Germany

# GENERAL INFORMATION

## REGISTRATION

*LOCATION: ATRIUM LOBBY*

Wednesday, 8 June .....	11:00 am – 6:00 pm
Thursday, 9 June .....	7:30 am – 7:30 pm
Friday, 10 June.....	6:45 am – 7:00 pm
Saturday, 11 June .....	7:30 am – 6:00 pm
Sunday, 12 June .....	7:30 am – 12:30 pm

## SPEAKER READY ROOM

*LOCATION: CAMBRIDGE COMPLEX*

Wednesday, 8 June .....	11:00 am – 6:00 pm
Thursday, 9 June .....	7:00 am – 6:00 pm
Friday, 10 June.....	7:00 am – 6:00 pm
Saturday, 11 June .....	7:00 am – 6:00 pm
Sunday, 12 June .....	7:00 am – 11:00 am



## Can Cone-Beam CT, together with new techniques and powerful applications change how you perform complex interventional oncology procedures?

Join GE Healthcare symposium at WCIO on

**June 11<sup>th</sup> from  
1:30 - 2:10 pm**

**Seaport Hotel Boston  
Commonwealth Complex  
(Lower Level)**

**Moderator  
Dr. Ahmed**

**MUNEER, MD, FSIR**



Chief, Division of Vascular and  
Interventional Radiology, Beth  
Israel Deconess Medical Center  
Boston, Massachusetts, USA



**Leveraging the Latest Guidance  
Technologies: Vascular Navigation /  
Needle Guidance**

**1:30 - 1:45 pm**

**Pr. Thierry DE BAERE, MD**

Chief of Services, Interventional Imagery,  
Gustave Roussy Villejuif, France



**Improving interventional oncology  
outcomes with combined TACE  
and RFA directed therapies**

**1:45 - 2:00 pm**

**Dr. Marcelo GUIMARAES, MD, FSIR**

Director, Vascular & Interventional Radiology Associate  
Professor of Radiology and Surgery, Medical University  
of South Carolina, USA

**2:00 - 2:10 pm**

**Q & A Discussion**



GE imagination at work

This event is not a part of the official  
WCIO program and has not been planned by the WCIO  
Program Committee.

# GENERAL INFORMATION

## POSTER HALL HOURS

LOCATION: COMMONWEALTH COMPLEX

Thursday, 9 June ..... 8:30 am – 8:00 pm

Friday, 10 June.....7:30 am – 8:00 pm

Saturday, 11 June .....7:30 am – 5:35 pm

## EXHIBIT HALL

LOCATION: COMMONWEALTH COMPLEX

Thursday, 9 June .....  
8:30 am – 9:00 am / 10:15 am – 10:25 am / 11:25 am – 11:55 am / 1:30 pm – 3:20 pm /  
3:50 pm – 4:05 pm / 5:05 pm – 5:20 pm / 6:15 pm – 8:00 pm

Friday, 10 June.....  
7:30 am – 8:00 am / 9:30 am – 10:00 am / 11:00 am – 11:30 am / 12:45 pm – 2:45 pm /  
3:45 pm – 4:00 pm / 5:00 pm – 5:10 pm / 6:30 pm – 8:00 pm

Saturday, 11 June .....  
7:30 am – 8:00 am / 9:30 am – 10:00 am / 11:30 am – 11:45 am / 12:45 pm – 2:50 pm /  
3:50 pm – 4:00 pm / 5:25 pm – 5:35 pm

## DOWNLOAD THE WCIO 2016 APP

Search “WCIO 2016” in the Apple App Store or Google Play Store.

### ON-SITE WIFI

**Username:** WCIO by Medtronic

**Password:** osteocool



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# CME INFORMATION

## Learning Objectives

- Incorporate new technologies to provide advanced appropriate therapies for the treatment of patients;
- Integrate multidisciplinary treatment options into a comprehensive patient care program; and
- Apply proven interventional techniques into current practice.







## Accreditation Statement

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

## Disclosure Policy

In accordance with the ACCME's Standards for Commercial Support of Continuing Medical Education, all faculty and planning partners must disclose any financial relationship(s) or other relationship(s) held within the past 12 months. We have implemented a mechanism to identify and resolve all conflicts of interest prior to delivering the educational activity to learners.

## SA-CME Qualification

This program has been approved for a total of three Self-Assessment CME (SA-CME) credits by the Society of Interventional Radiology (SIR) on 11 May, 2016. SIR is awarded Deemed Status by the American Board of Radiology (ABR). This educational activity meets the criteria for SA-CME toward the purpose of fulfilling requirements in the ABR Maintenance of Certification (MOC) Program. The following session(s) have been qualified for SA-CME:

HCC, 1.0 AMA PRA Category 1 Credits™

Primary Lung Cancer, 1.0 AMA PRA Category 1 Credits™

Renal, 1.0 AMA PRA Category 1 Credits™



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### **Commercial Support Acknowledgement**

This activity is supported by educational grants from Boston Scientific, BTG International Inc., Guebet LLC, Healthtronics, and Terumo Interventional Systems.

# ACKNOWLEDGMENTS

## Corporate Partners



## In-Training Scholarship Program Supporters



## WCIO Hands-on Workshop Participants



## Educational Grant Providers



Sponsors listed at time of print. For more information about the WCIO Corporate Partner program, please contact Beverlee Galstan at [bgalstan@wcioonline.org](mailto:bgalstan@wcioonline.org).



SEE MORE.  
REACH FURTHER.  
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Dosimetry from the Clinical Perspective, Why Dose Matters  
and Personalizing Treatment with TheraSphere®

.....

FACULTY

**Marnix Lam, MD, PhD**

*Professor of Nuclear Medicine  
Nuclear Medicine Physician  
University Medical Center Utrecht, Netherlands*

**Riad Salem, MD, MBA**

*Professor of Radiology, Hematology/Oncology and  
Organ Transplantation  
Northwestern University Feinberg School of Medicine,  
Chicago, IL*

This activity is open to all WCIO 2016 attendees, but is neither sponsored by, endorsed by nor a part of the official accredited scientific program of WCIO 2016.

**Humanitarian Device.**

TheraSphere® is authorized by Federal Law for use in radiation treatment or as a neoadjuvant to surgery or transplantation in patients with unresectable hepatocellular carcinoma (HCC) who can have placement of appropriately positioned hepatic arterial catheters. The device is also indicated for HCC patients with partial or branch portal vein thrombosis/occlusion, when clinical evaluation warrants the treatment. The effectiveness of this device for this use has not been demonstrated.<sup>1</sup>

**References:** 1. Package Insert – TheraSphere® Yttrium-90 Glass Microspheres – Rev. 13. Biocompatibles UK Ltd, a BTG International group company.



## EXTENDED VIEW FROM USERS OF LC BEAD LUMI™ IN COMBINATION WITH PHILIPS IMAGE GUIDANCE:

Discovery of Regions of Under-Treatment, Optimizing  
Patient Outcomes, and Initial Clinical Recommendations

Sponsored by BTG in partnership with Philips

.....

**FACULTY**

### Jeff Geschwind, MD

*Chair of the Department of Diagnostic Radiology  
Chief of Diagnostic Radiology  
Yale, New Haven, CT*

### Kevin Kim, MD

*Section Chief, Vascular and Interventional Radiology  
Vice Chairman, Department of Radiology and  
Biomedical Imaging  
Yale, New Haven, CT*

### Edward Kim, MD, FSIR

*Associate Professor of Radiology and Surgery  
Director of Interventional Oncology  
Division of Vascular and Interventional Radiology  
Icahn School of Medicine at Mount Sinai-New York, NY*

Imagine where we can go.



# WCIO 2017

BOSTON, MA | 8-11 JUNE

## Save the Date



# WCIO

Advancing Interventional Oncology

8-11 JUNE 2017

SEAPORT BOSTON HOTEL & WORLD TRADE CENTER  
BOSTON, MASSACHUSETTS

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# INDUSTRY SYMPOSIA

## THURSDAY, 9 JUNE

7:30 am – 8:15 am | *Amphitheater*

*Presented by NeuWave Medical (Invitation Only)*

### **Principles of Microwave Ablation**

Constantinos Sofocleous, MD, PhD, *Memorial Sloan Kettering Cancer Center*; Roger Williams, DO, *Radiology Associates*; David Breen, MD, MRCP, FRCR, *University Hospital of Southampton*; and Matthew Callstrom, MD, PhD, *Mayo Medical Foundation*

2:10 pm – 2:50 pm | *Commonwealth Complex*

*Presented by Medtronic*

### **New Frontiers in Ablative Therapies**

Philippe Pereira, MD, *SLK Clinics* and Jack Jennings, MD, *Washington University*

## FRIDAY, 10 JUNE

7:00 am – 7:45 am | *Amphitheater*

*Presented by BTG International*

### **Dosimetry from the Clinical Perspective – Why Dose Matters and Personalizing Treatment with TheraSphere®**

Marnix Lam, MD, PhD, *University Medical Center Utrecht* and Riad Salem, MD, MBA, *Northwestern Medicine*

12:45 pm – 1:25 pm | *Commonwealth Complex*

*Presented by BTG International*

### **An Extended View from Users of LC Bead LUMI™ in Combination with Philips Image Guidance: Discovery of Regions of Under-Treatment, Optimizing Patient Outcomes, and Initial Clinical Recommendations**

Edward Kim, MD, FSIR, *Icahn School of Medicine at Mount Sinai-New York*; Kevin Kim, MD, *Yale School of Medicine*; and Jeff Geschwind, MD, *Yale School of Medicine*



## FRIDAY, 10 JUNE

1:30 pm – 2:10 pm | *Commonwealth Complex*

*Presented by NeuWave Medical*

### **The Latest Advances in Ablation**

Constantinos Sofocleous, MD, PhD, *Memorial Sloan Kettering Cancer Center*; David Lu, MD, *Ronald Reagan University, UCLA Medical Center*; Roger Williams, DO, *Quantum Radiology*; and Louis Hinshaw, MD, FSAR, *University of Wisconsin Department of Radiology*

## SATURDAY, 11 JUNE

1:30 pm – 2:10 pm | *Commonwealth Complex*

*Presented by GE Healthcare*

### **Navigating Complex IO Procedures with New Guidance Technologies & Techniques**

Ahmed Muneeb, MD, FSIR, *Beth Israel Deconess Medical Center*; Thierry de Baère, MD, *Gustave Roussy Cancer Campus Grand Paris*; and Marcelo Guimaraes, MD, *Medical University of South Carolina*



Connect with @WCIO on Twitter and share your experience at the conference via social media using **#WCIO2016**.

# SCIENTIFIC PROGRAM

## WEDNESDAY, 8 JUNE

1:00 pm – 6:00 pm | *Amphitheater*

**Early Career Program, Part 1**

## THURSDAY, 9 JUNE

7:30 am – 8:15 am | *Amphitheater*

**Early Career Industry Symposium presented by NeuWave Medical:  
Principles of Microwave Ablation (*Invitation Only*)**

9:00 am – 10:15 am | *Commonwealth Complex*

**HCC (*Eligible for 1 SA-CME Credit*)**

10:25 am – 11:25 am | *Commonwealth Complex*

**Molecular Pathways in IO**

11:55 am – 1:25 pm | *Amphitheater*

**MSK**

11:55 am – 1:25 pm | *Commonwealth Complex*

**Y90 from A-Z: Mini Course**

1:30 pm – 2:10 pm | *Commonwealth Complex*

*Supported by Educational Grants from BTG and Sirtex*

**Outcomes of Y90 for HCC and Liver Metastases**

2:10 pm – 2:50 pm | *Commonwealth Complex*

*Presented by Medtronic*

**Industry Symposium: New Frontiers in Ablative Therapies**

3:20 pm – 3:50 pm | *Commonwealth Complex*

**Why Are We Here?**

4:05 pm – 5:05 pm | *Commonwealth Complex*

**WCIO Welcomes Radiation Oncology: Synergistic Pathways**

4:05 pm – 5:05 pm | *Amphitheater*

**Asia Meets WCIO: How We Treat Primary Liver Cancer in Asia**

5:20 pm – 6:20 pm | *Commonwealth Complex*

**Future Trends in IO Treatments**

5:20 pm – 6:20 pm | *Amphitheater*

**WCIO Around the World Liver Tumor Board**

6:15 pm – 8:00 pm | *Commonwealth Complex*

**WCIO Around the World**

7:00 pm – 8:30 pm | *Amphitheater*

**Early Career Program, Part 2**

## FRIDAY, 10 JUNE

7:00 am – 7:45 am | *Amphitheater*

*Presented by BTG International*

**Industry Symposium: Dosimetry from the Clinical Perspective – Why Dose Matters and Personalizing Treatment with TheraSphere®**

8:00 am – 9:30 am | *Cityview Ballroom*

**Hands-on Workshop: Ablative Therapies 101**

8:00 am – 9:30 am | *Amphitheater*

**Abstract Presentations: Lung, Kidney, Prostate, and Bone**

10:00 am – 11:00 am | *Commonwealth Complex*

**Systemic Effects of IO Therapy**

11:30 am – 12:30 pm | *Commonwealth Complex*

**Primary Lung Cancer (Eligible for 1 SA-CME Credit)**

11:30 am – 12:30 pm | *Amphitheater*

**Most Influential Publications of 2015-2016**

12:45 pm – 1:25 pm | *Commonwealth Complex*

*Presented by BTG International*

**Industry Symposium: An Extended View from Users of LC Bead LUMI™ in Combination with Philips Image Guidance: Discovery of Regions of Under-Treatment, Optimizing Patient Outcomes, and Initial Clinical Recommendations**

# SCIENTIFIC PROGRAM

1:30 pm – 2:10 pm | *Commonwealth Complex*

*Presented by NeuWave Medical*

**Industry Symposium: The Latest Advances in Ablation**

2:45 pm – 3:45 pm | *Commonwealth Complex*

**HCC Tumor Board**

4:00 pm – 5:00 pm | *Commonwealth Complex*

**Biomarkers and Advances in Imaging**

4:00 pm – 5:00 pm | *Amphitheater*

**Lung Metastases Tumor Board**

5:10 pm – 6:40 pm | *Cityview Ballroom*

**Workshop: “How I Do It” Videos**

5:10 pm – 6:40 pm | *Amphitheater*

**Abstract Presentations: Basic Science, Spine, and Cryo**

6:30 pm – 8:00 pm | *Amphitheater*

**Poster Presentation Reception**

## SATURDAY, 11 JUNE

8:00 am – 9:30 am | *Cityview Ballroom*

**Workshop: Transcatheter Hepatic Oncologic Therapies**

8:00 am – 9:30 am | *Amphitheater*

**Abstract Presentations: New Technologies**

10:00 am – 11:30 am | *Commonwealth Complex*

**Metastatic Colorectal Cancer**

11:45 am – 12:45 pm | *Commonwealth Complex*

**Renal (Eligible for 1 SA-CME Credit)**

11:45 am – 12:45 pm | *Amphitheater*

**Intrahepatic Cholangiocarcinoma**

12:45 pm – 1:30 pm | *Commonwealth Complex*

*Supported by an Educational Grant from Guerbet*

**Frontiers in Interventional Oncology**

1:30 pm – 2:10 pm | *Commonwealth Complex*

*Presented by GE Healthcare*

**Industry Symposium: Navigating Complex IO Procedures with New Guidance Technologies & Techniques**

2:50 pm – 3:50 pm | *Commonwealth Complex*

**HCC: Evidence-Based Debates**

4:00 pm – 4:30 pm | *Commonwealth Complex*

**Renal Tumor Board**

4:00 pm – 5:20 pm | *Amphitheater*

**Palliative Care**

4:45 pm – 5:25 pm | *Commonwealth Complex*

**Post IO Imaging Advances**

5:35 pm – 7:05 pm | *Cityview Ballroom*

**Hands-on Workshop: Musculoskeletal & Palliative Care Interventions**

5:35 pm – 7:05 pm | *Amphitheater*

**Abstract Presentation: HCC Treatments and Outcomes**

7:00 pm – 8:30 pm | *Skyline Ballroom*

**Corporate Advisory Council (*Invitation Only*)**

## **SUNDAY, 12 JUNE**

8:00 am – 9:30 am | *Cityview Ballroom*

**Hands-on Workshop: Improving Outcomes with Intraprocedural Tumor Targeting and Monitoring**

8:00 am – 9:30 am | *Amphitheater*

**Abstract Presentations: HCC, Imaging, and Monitoring**

9:45 am – 11:00 am | *Commonwealth Complex*

**Metastatic Colorectal Tumor Board**

11:15 am – 12:35 pm | *Commonwealth Complex*

**My Five Most Valuable Pearls**

# NETWORKING OPPORTUNITIES & SOCIAL EVENTS

## IO AROUND THE WORLD

Thursday, 9 June 2016

6:15 pm – 8:00 pm

*Commonwealth Complex*

Connect with IO thought leaders at a networking reception as we kick off the scientific conference.



### Poster Reception

Friday, 10 June 2016

6:30 pm – 8:00 pm

*Commonwealth Complex*

Get the opportunity to speak with poster presenters during this interactive networking event. Make sure to stay until the end to hear Dr. Matthew Callstrom present the best posters.



### WCIO On Demand

Share WCIO 2016 sessions with your colleagues using on demand web access. Purchase at the registration desk for a discounted price of \$100.

### Participate and Engage at WCIO

Interact with our expert speakers and engage in real-time during select education sessions using the WCIO 2016 app. Participate in audience polling, send questions to the session moderators, and complete session evaluations from your mobile device.



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interview with  
David L. Lacey



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“MIYABI Angio-CT’s overall better targeting capabilities provide me with an extra level of safety and confidence.”

**David L. Lacey, MD**

Department of Interventional Radiology,  
Iowa Methodist Hospital, Des Moines, Iowa, USA

MIYABI Angio-CT is a customized solution and not commercially available in all countries. Due to regulatory reasons, future availability cannot be guaranteed. Please contact your local Siemens organization for further details.

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