

Conference Program

16–19 May 2013
Hilton New York
New York, New York
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WCIO 2013

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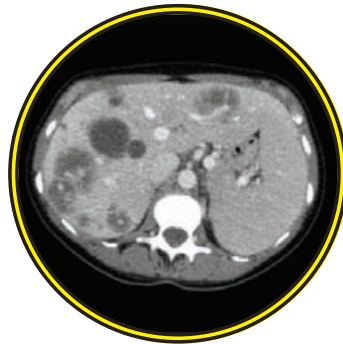
Successful embolization of hypervascular hepatic metastases from breast cancer using LCBeadM1™

Physician: Maureen P Kohi, MD

Location: UCSF Medical Center, San Francisco CA

Presentation:

- 56-year-old female patient with chemorefractory liver metastases from breast cancer. The patient's liver metastases had progressed on numerous chemotherapeutic regimens. She had disease involving the right and the left hepatic lobes.



Contrast-enhanced CT demonstrates multiple lesions in the right and left hepatic lobe representative of patient's metastatic disease



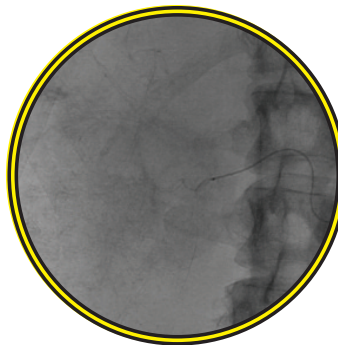
Common hepatic angiography demonstrates numerous lesions in the right and left hepatic lobes



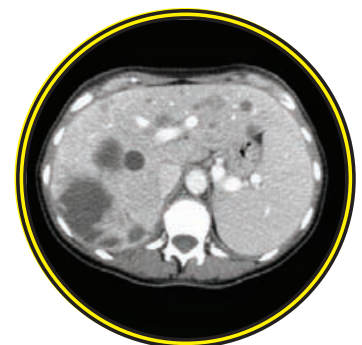
Selective angiogram of the right hepatic artery again demonstrates hypervascular lesions in the right hepatic lobe

Treatment:

- The patient underwent selective embolization of the right lobe followed by the left hepatic arterial branches supplying the tumors. The right lobe was treated first, as it had the bulk of the disease. Two weeks following treatment of the right lobe, the left lobe was treated. Each treatment session was performed with two vials of LCBeadM1™ 70-150 micron diameter beads.



Post embolization



Follow-up contrast-enhanced CT after one month demonstrates lack of contrast enhancement in the target lesions in the right and left lobe in addition to interval decrease in size

Outcome:

- Contrast-enhanced CT scan of the abdomen and pelvis was performed one month following the last treatment. This demonstrated interval decrease in the size of the target lesions in addition to decrease in their enhancement consistent with partial response.

Conclusion:

- Selective embolization of multiple bilateral hepatic metastatic lesions was performed using LCBeadM1™ with excellent treatment response.

Physician Profile

Maureen P Kohi, MD

UCSF Medical Center

Speciality: Interventional Radiology

Academic Appointments: Assistant Professor of Clinical Radiology, University of California, San Francisco

- **Medical School:** New York Medical College, Valhalla, NY
- **Internship:** Medicine, California Pacific Medical Center, SF, CA
- **Residency:** Radiology, University of California, San Francisco
- **Fellowship:** Interventional Radiology, University of California, San Francisco
- **Fellowship:** Women's Imaging, University of California, San Francisco

LCBead^{M1}

Product Number	Name	Description	Unit
VE020GS	LC Bead ^{M1} ™ embolization product	Black & Yellow Label Color, Size 70-150µm, Volume 2ml beads	1 vial

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Important Safety Information

LC Bead and LC Bead^{M1} Indications:

LC Bead and LC Bead^{M1} are intended to be used for the embolization of hypervascular tumors and arteriovenous malformations (AVMs).

Cautions:

- Do not use if the vial or packaging appear damaged
- Sterile and single use product. Do not reuse
- Select the size and quantity of LC Bead or LC Bead^{M1} microspheres appropriate for the pathology to be treated
- Ensure that LC Bead^{M1} is an appropriate size for the intended vasculature
- Monitor patients carefully for signs of non-target embolization such as hypoxia or CNS changes
- Consider upsizing LC Bead^{M1} if angiographic evidence of embolization does not appear quickly during delivery
- Embolization with LC Bead and LC Bead^{M1} microspheres should only be performed by physicians who have received appropriate interventional occlusion training in the region intended to be embolized

For instructions for use, please refer to www.biocompatibles.com/lcbead-ifu and www.biocompatibles.com/lcbeadm1-ifu

Potential Complications:

1. Undesirable reflux or passage of LC Bead or LC Bead^{M1} into normal arteries adjacent to the targeted lesion or through the lesion into other arteries or arterial beds, such as the internal carotid artery, pulmonary, or coronary circulations
2. Non-target embolization
3. Pulmonary embolization
4. Ischemia at an undesirable location
5. Capillary bed saturation and tissue damage
6. Ischemic stroke or Ischemic infarction
7. Vessel or lesion rupture and hemorrhage
8. Neurological deficits including cranial nerve palsies
9. Vasospasm
10. Death
11. Recanalization
12. Foreign body reactions necessitating medical intervention
13. Infection necessitating medical intervention
14. Clot formation at the tip of the catheter and subsequent dislodgement

Caution:

Federal (USA) law restricts this device to sale by or on order of a physician.

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SCHEDULE AT-A-GLANCE


Wednesday, 15 May		
15:00 – 18:00	Board of Directors Meeting* <i>Hilton Board Room</i>	
18:00 – 20:00	Corporate Advisory Council Meeting* <i>Executive Lounge – 44th Floor</i>	
Thursday, 16 May		
6:30 – 8:00	Continental Breakfast <i>East Ballroom Foyer</i>	
6:30 – 18:00	Conference Registration <i>West Promenade</i>	
7:00 – 7:50	Industry Sponsored Symposium: DEFINE (No CME) <i>East Ballroom</i>	
8:00 – 8:15	Welcome <i>East Ballroom</i>	
8:15 – 9:45	Concurrent Session: Pre-Procedure Imaging: Guidance, Targeting, and Quantification <i>East Ballroom</i>	Concurrent Session: Abstract Presentations – Treatment of HCC <i>West Ballroom</i>
9:45 – 10:00	Refreshment Break <i>East Ballroom Foyer</i>	
10:00 – 12:00	Multidisciplinary State-of-the Art Session: HCC (Early Stage) <i>East Ballroom</i>	
12:00 – 13:30	Lunch <i>East Ballroom Foyer</i>	
12:00 – 12:45	Industry Sponsored Symposium: Siemens (No CME) <i>East Ballroom</i>	
12:45 – 13:30	Industry Sponsored Symposium: Guerbet (No CME) <i>East Ballroom</i>	
13:30 – 15:30	Multidisciplinary State-of-the-Art Session: HCC (Intermediate-advanced stage) <i>East Ballroom</i>	
15:30 – 16:00	Refreshment Break <i>East Ballroom Foyer</i>	
16:00 – 18:00	Concurrent Session: New Drugs/ New Carriers/New Devices <i>East Ballroom</i>	Concurrent Session: Global Evolution of IO <i>West Ballroom</i>
18:00 – 20:30	Exhibit and Poster Hall <i>Americas Hall</i>	
18:00 – 19:30	Welcome Reception <i>Americas Hall</i>	
19:30 – 21:00	Industry Sponsored Symposium: Onyx Pharmaceuticals and Bayer HealthCare (No CME) <i>Mercury</i>	
Friday, 17 May		
6:30 – 8:00	Continental Breakfast <i>East Ballroom Foyer</i>	
6:30 – 18:00	Conference Registration <i>West Promenade</i>	
7:00 – 8:30	Concurrent Workshop: Bone Tumor: Ablation and Consolidation <i>East Ballroom</i>	Concurrent Workshop: Y90 <i>West Ballroom</i>
8:30 – 9:15	Concurrent Session: HCC Tumor Board <i>East Ballroom</i>	
8:30 – 9:45	Concurrent Session: Abstract Presentations – Renal and Lung Cancer Interventions <i>West Ballroom</i>	
9:15 – 9:45	Live Case: Memorial Sloan-Kettering Cancer Center <i>East Ballroom</i>	
9:30 – 16:15	Exhibit & Poster Hall <i>Americas Hall</i>	
9:45 – 10:30	Refreshment Break <i>Americas Hall</i>	
10:30 – 12:00	Multidisciplinary State-of-the-Art Session: Biliary and Pancreatic Malignancies <i>East Ballroom</i>	
12:00 – 12:30	Biliary and Pancreatic Tumor Board <i>East Ballroom</i>	
12:30 – 14:00	Exhibit Hall Lunch <i>Americas Hall</i>	
13:00 – 14:00	Industry Sponsored Symposium: GE Healthcare (No CME) <i>East Ballroom</i>	
14:00 – 15:00	Frontiers & Controversies: Neuroendocrine Tumors <i>East Ballroom</i>	
14:00 – 15:30	Fellows' Program – Exhibitor Time <i>Americas Hall</i>	
15:00 – 15:30	Neuroendocrine Tumor Board <i>East Ballroom</i>	
15:30 – 16:15	Refreshment Break <i>Americas Hall</i>	
16:15 – 17:30	Concurrent Session: Multidisciplinary State-of-the-Art Session: Lung Cancer <i>East Ballroom</i>	
16:15 – 17:45	Concurrent Session: Abstract Presentations – Tumor Ablation and Ablation Science <i>West Ballroom</i>	
17:00 – 18:00	International Reception <i>Mercury Rotunda</i>	
17:30 – 18:00	Lung Cancer: Tumor Board <i>East Ballroom</i>	
18:00 – 19:30	Fellows' Symposium <i>East Ballroom</i>	

*Invitation only

Saturday, 18 May		
6:30 – 8:00	Continental Breakfast <i>East Ballroom Foyer</i>	
6:30 – 14:00	Conference Registration <i>West Promenade</i>	
7:00 – 8:30	Concurrent Workshop: What's New in Ablation Devices (Hands-On) <i>Mercury</i>	
7:00 – 8:30	Concurrent Workshop: Drug-Eluting Beads <i>East Ballroom</i>	
8:30 – 10:15	Concurrent Session: Colorectal Liver Metastases <i>East Ballroom</i>	Concurrent Session: Abstract Presentations – Treatment of Hepatic Metastases, MSK Interventions <i>West Ballroom</i>
9:00 – 17:30	The Collaborative IO Team: A Symposium from the Nursing Perspective	
10:00 – 12:00	Exhibit and Poster Hall <i>Americas Hall</i>	
10:15 – 11:00	Refreshment Break <i>Americas Hall</i>	
11:00 – 12:00	Tumor Board: Metastatic Disease <i>East Ballroom</i>	
12:00 – 12:30	Live Case – Northwestern University <i>East Ballroom</i>	
12:30 – 14:00	Exhibit Hall Lunch <i>Americas Hall</i>	
13:00 – 14:00	Industry Sponsored Symposium: Biocompatibles, Inc. a BTG International Group Company (No CME) <i>East Ballroom</i>	
14:00 – 15:15	Multidisciplinary State-of-the-Art: Renal Cancer <i>East Ballroom</i>	
15:15 – 16:00	Poster Presentations <i>Americas Hall</i>	
16:00 – 17:00	Concurrent Session: Changing Regulatory Pathways for Approval in IO <i>East Ballroom</i>	
16:00 – 17:30	Concurrent Session: Abstract Presentations – Imaging in IO, Guidance and Targeting, Cutting Edge Translational Science <i>West Ballroom</i>	
17:00 – 18:00	Multidisciplinary State-of-the-Art Session: Bone Cancer <i>East Ballroom</i>	
18:00 – 19:00	IRE: Where Do We Stand? <i>East Ballroom</i>	
Sunday, 19 May		
6:30 – 8:00	Continental Breakfast <i>East Ballroom Foyer</i>	
6:30 – 12:00	Conference Registration <i>West Promenade</i>	
7:00 – 8:00	Palliative Care Workshop <i>East Ballroom</i>	
8:00 – 9:30	Kidney and Lung Ablation Workshop <i>East Ballroom</i>	
9:30 – 12:00	"How I Do It" – Top 10 Clinical Pearls <i>East Ballroom</i>	

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GENERAL INFORMATION

Registration

West Promenade

Thursday, 16 May	6:30 – 18:00
Friday, 17 May	6:30 – 18:00
Saturday, 18 May.....	6:30 – 14:00
Sunday, 19 May.....	6:30 – 12:00

Exhibit Hall

Americas Hall

Thursday, 16 May	18:00 – 20:30
Friday, 17 May	9:30 – 16:15
Saturday, 18 May.....	10:00 – 14:00

Speaker Ready Room

Midtown Suite

Thursday, 16 May	6:30 – 18:00
Friday, 17 May	6:30 – 18:00
Saturday, 18 May.....	6:30 – 18:00
Sunday, 19 May.....	6:30 – 12:00

Posters

Americas Hall

Thursday, 16 May	18:00 – 20:30
Friday, 17 May	9:30 – 16:15
Saturday, 18 May.....	10:00 – 16:00

WCIO would like to thank all those who participated in the abstract review process. Your diligent work is recognized as a valuable contribution to the success of WCIO 2013.

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DEAR COLLEAGUES,

We are pleased to welcome you to **WCIO 2013** at the Hilton New York in the heart of New York City. WCIO 2013 is the leading scientific interventional oncology (IO) conference for an international audience of healthcare professionals in the field.

Over the course of the next four days we will gather to promote meaningful dialogue on available and emerging therapies in Radiology, Medical Oncology, Surgical Oncology, Interventional Oncology, Hepatology, and Radiation Oncology. In keeping with the innovative nature of IO, WCIO 2013 is pleased to introduce a series of progressive symposia including *Global Evolution of IO*, *Changing Regulatory Pathways for Approval in IO*, and a *Kidney and Lung Ablation Workshop*. We also encourage attendees to take part in discussions on key topics including Metastatic Disease. There will be additional tumor boards, live cases, a special topics plenary session, and a variety of stimulating workshops.

New this year, WCIO is pleased to introduce a unique educational program designed exclusively for nurses involved in IO. This program will run simultaneously with Saturday's program and give nurses the opportunity to expand their knowledge of the field and learn about best practices from a faculty comprised of leaders in the field.

WCIO 2013 is a truly unique conference developed by an international team of experts from multiple specialties, to further the goal of cross-disciplinary collaboration and education. This is your opportunity to explore new agents, delivery systems, and potential synergies. You will be sure to bring back new insights and strategies for the fight against cancer to your institution.

Welcome to New York City! We're happy you're here.

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CONTINUING MEDICAL EDUCATION (CME) INFORMATION

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.

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.

LEARNING OBJECTIVES

Upon completion of the conference, attendees will be able to:

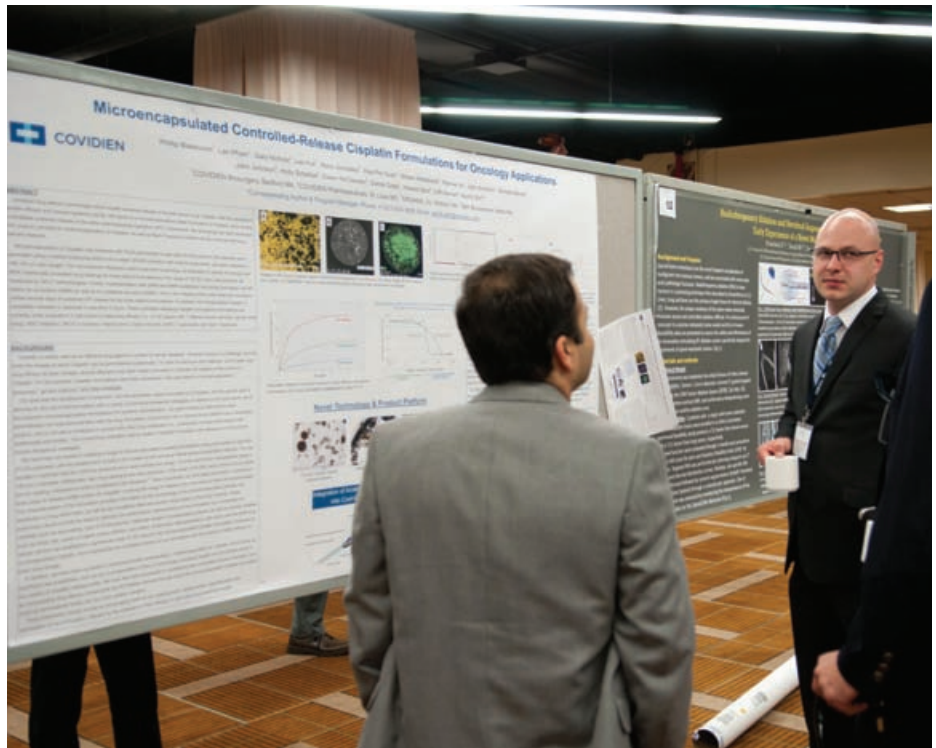
- Utilize new technologies presented to help select the appropriate therapies in the treatment of patients;
- Integrate multi-disciplinary treatment options into a comprehensive patient care program; and
- Apply proven international techniques into current practice.

ADDITIONAL CREDITS

The American Academy of Physician Assistant (AAPA) accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by the ACCME. Physician assistants may receive a maximum of 35.5 hours of Category 1 credit for completing this program.

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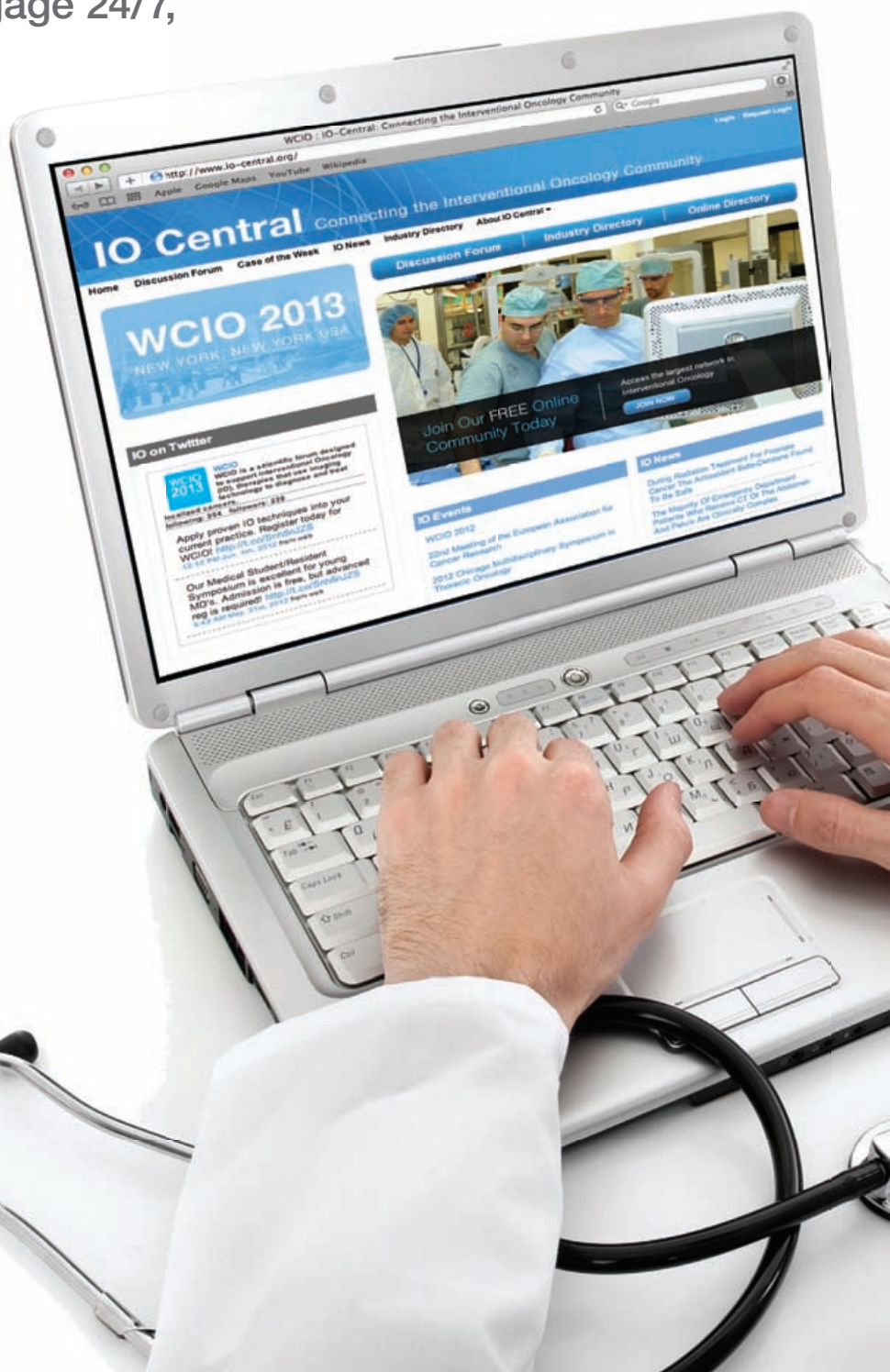
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Sponsors, exhibitors, and corporate sponsors listed are as of April 30, 2013. For more information about the WCIO Corporate Partner program, please contact Beverlee Galstan at bgalstan@wcioonline.org.

INDUSTRY SYMPOSIA INFORMATION

Thursday, 16 May

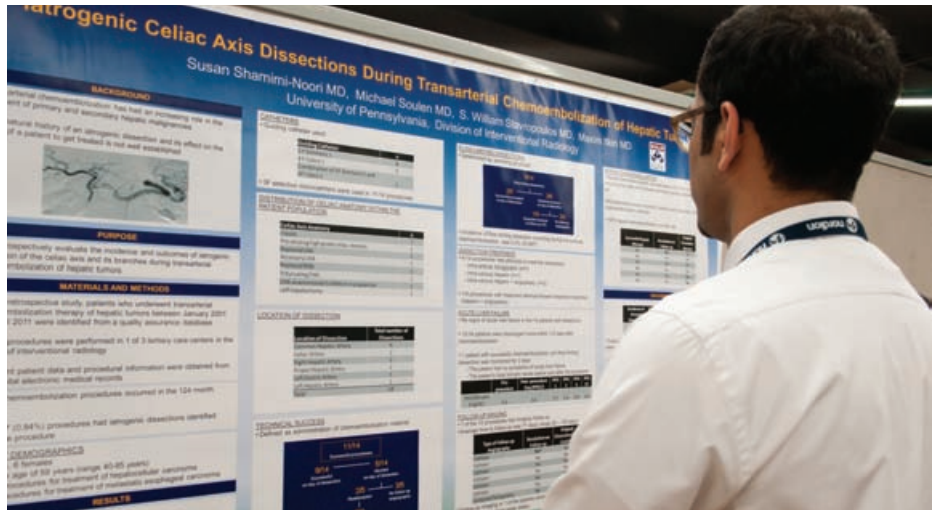
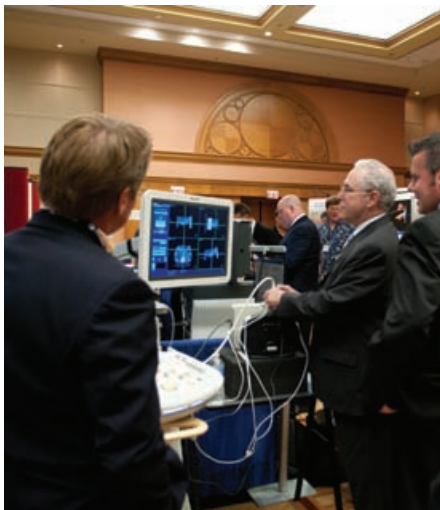
- 7:00 – 7:50..... Industry Symposium presented by DFINE
East Ballroom
- 12:00 – 12:45..... Industry Symposium presented by Siemens
East Ballroom
- 12:45 – 13:30..... Industry Symposium presented by Guerbet
East Ballroom
- 19:30 – 21:00..... Industry Symposium presented by Onyx Pharmaceuticals
and Bayer HealthCare
Mercury

Friday, 17 May

- 13:00 – 14:00..... Industry Symposium presented by GE Healthcare
East Ballroom

Saturday, 18 May

- 13:00 – 14:00..... Industry Symposium presented by Biocompatibles, Inc.
a BTG International Group Company
East Ballroom



CONFERENCE PROGRAM

Wednesday, 15 May 2013

- 15:00 – 18:00** **Board of Directors Meeting***
Hilton Board Room
- 18:00 – 20:00** **Corporate Advisory Council Meeting***
Executive Lounge – 44th Floor

Thursday, 16 May 2013

- 6:30 – 8:00** **Continental Breakfast**
East Ballroom Foyer
- 6:30 – 18:00** **Conference Registration**
West Promenade
- 7:00 – 7:50** **Industry Sponsored Symposium: DFINE (No CME)**
East Ballroom
- 8:00 – 8:15** **Welcome**
East Ballroom
-
- 8:15 – 9:45** **Concurrent Session: Pre-Procedure Imaging: Guidance, Targeting, and Quantification**
East Ballroom
- Moderators: Thierry de Baere, MD and Bradford Wood, MD
- 8:15– 8:30 Vascular Navigation and Quantification of Treatment Delivery
Dan Sze, MD, PhD
- 8:30 – 8:45 Cone Beam CT or MDCT for Needle Guidance
Frederic Deschamps, MD
- 8:45 – 9:00 US Fusion Imaging and Needle Guidance
Luigi Solbiati, MD
- 9:00 – 9:15 PET CT Guidance
Constantinos Sofocleous, MD, PhD
- 9:15 – 9:30 Customizing the Ablation Strategy with Robotic Assistance
Laura Crocetti, MD, PhD
- 9:30 – 9:45 Featured Abstract – LI-RADS: Initial Experience in Multidisciplinary HCC Tumor Board

-
- 8:15 – 9:45** **Concurrent Session: Abstract Presentations – Treatment of HCC**
West Ballroom

-
- 9:45 – 10:00** **Refreshment Break**
East Ballroom Foyer

-
- 10:00 – 12:00** **Multidisciplinary State-of-the Art Session: HCC (Early Stage)**
East Ballroom
- Moderators: Yuman Fong, MD and Riccardo A. Lencioni, MD, PhD
- 10:00 – 10:15 Staging and Triage
Josep M. Llovet, MD
- 10:15 – 10:30 Selection Criteria for Surgical Resection
Yuman Fong, MD
- 10:30 – 10:45 Selection Criteria for Transplantation
Myron Schwartz, MD
- 10:45 – 11:00 Locoregional Treatment on the Waiting List
David S.K. Lu, MD
- 11:00 – 11:15 Advances in Image-Guided Ablation
Riccardo A. Lencioni, MD, PhD
- 11:15 – 11:30 Featured Abstract – Comparative Study of Staging Systems for Hepatocellular Carcinoma in 428 Patients Treated with Radioembolization
- 11:30 – 12:00 Discussion

-
- 12:00 – 13:30** **Lunch**
East Ballroom Foyer
- 12:00 – 12:45** **Industry Sponsored Symposium: Siemens (No CME)**
East Ballroom
- 12:45 – 13:30** **Industry Sponsored Symposium: Guerbet (No CME)**
East Ballroom

-
- 13:30 – 15:30** **Multidisciplinary State-of-the-Art Session: HCC (Intermediate-advanced stage)**
East Ballroom
- Moderators: J.F. Geschwind, MD and Josep M. Llovet, MD
- 13:30 – 13:45 Systemically-Active Drugs
Ghassari Abou Alfa, MD
- 13:45 – 14:15 Conventional TACE
Michael C. Soulen, MD
- 14:15 – 14:30 Drug-Eluting Beads
J.F. Geschwind, MD
- 14:30 – 14:45 Radioembolization with Y90
Riad Salem, MD, MBA
- 14:45 – 15:00 Combining Locoregional and Systemic Treatments
Riccardo A. Lencioni, MD, PhD
- 15:00 – 15:15 The Advisory Board Report
Jason Doran
- 15:15 – 15:30 Discussion

*Invitation Only

15:30 – 16:00	Refreshment Break <i>East Ballroom Foyer</i>
16:00 – 18:00	Concurrent Session: New Drugs/New Carriers/New Devices <i>East Ballroom</i> Moderator: Fred Lee, MD
16:00 – 16:15	Tumor Metabolism Inhibitors J.F. Geschwind, MD
16:15 – 16:30	Oncolytic Viral Therapy David Kirn, MD
16:30 – 16:45	Thermally Sensitive Drug Carriers Ronnie T.P. Poon, MD, PhD
16:45 – 17:00	Chemosaturation Bradford Wood, MD
17:00 – 17:15	Novel Drug-Eluting Embolic Platforms Alban Denys, MD
17:15 – 17:30	IRE: Lessons from the Lab S. Nahum Goldberg, MD
17:30 – 17:45	Advances in Thermal Ablation Min Woo Lee, MD
17:45 – 18:00	Update on Current Compliance Environment Jeffrey Klimaski
16:00 – 18:00	Concurrent Session: Global Evolution of IO <i>West Ballroom</i> Moderators: Riccardo A. Lencioni, MD, PhD and Michael C. Soulen, MD
16:00 – 16:15	Australia David Boshell, MD
16:15 – 16:30	Argentina Riccardo D. Garcia-Monaco, MD, PhD
16:30 – 16:45	Brazil Rony Avritscher, MD
16:45 – 17:00	India Sanjiv Sharma, MD
17:00 – 17:15	China Ren Jie Yang, MD, PhD
17:15 – 17:30	Eastern Europe Vlastimil Válek, MD, PhD, MBA
17:30 – 17:45	Middle East Ahmed Eldorri, MD
17:45 – 18:00	Panel Discussion
18:00 – 20:30	Exhibit and Poster Hall <i>Americas Hall</i>
18:00 – 19:30	Welcome Reception <i>Americas Hall</i>
19:30 – 21:00	Industry Sponsored Symposium: Onyx Pharmaceuticals and Bayer HealthCare (No CME) <i>Mercury</i>

Friday, 17 May

6:30 – 8:00	Continental Breakfast <i>East Ballroom Foyer</i>
6:30 – 18:00	Conference Registration <i>West Promenade</i>
7:00 – 8:30	Concurrent Workshop: Bone Tumor: Ablation and Consolidation <i>East Ballroom</i> Speakers: Frederic Deschamps, MD, Afshin Gangi, MD, and Sean M. Tutton, MD
7:00 – 8:30	Concurrent Workshop: Y90 West Ballroom Speakers: David Boshell, MD, MBBS, Tobias Jakobs, MD and Robert Lewandowski, MD
8:30 – 9:15	Concurrent Session: HCC Tumor Board <i>East Ballroom</i> Moderators: William S. Rilling, MD and Constantinos T. Sofocleous, MD, PhD Panel: Laura Crocetti, MD, PhD, Thierry de Baere, Yuman Fong, MD, MD, J.F. Geschwind, MD, Riad Salem, MD, MBA and Myron Schwatz, MD
9:15 – 9:45	Live Case: Memorial Sloan-Kettering Cancer Center <i>East Ballroom</i>
8:30 – 9:45	Concurrent Session: Abstract Presentations – Renal and Lung Cancer Interventions <i>West Ballroom</i>
9:30 – 16:15	Exhibit & Poster Hall <i>Americas Hall</i>
9:45 – 10:30	Refreshment Break <i>Americas Hall</i>

CONFERENCE PROGRAM

10:30 – 12:00 **Multidisciplinary State-of-the-Art Session: Biliary and Pancreatic Malignancies**
East Ballroom

Moderators: William S. Rilling, MD and Luigi Solbiati, MD

10:30 – 10:45 Classification of CCC
Tim Pawlik, MD, MPH

10:45 – 11:00 Biliary Strictures
Vlastimil Válek, MD, PhD, MBA

11:00 – 11:15 Interventional Treatment of ICC
Michael C. Soulen, MD

11:15 – 11:30 Advanced Surgical Techniques for Pancreatic Cancer
Douglas B. Evans, MD

11:30 – 11:45 Pancreatic IRE
Govindarajan Narayanan, MD

11:45 – 12:00 Pancreatic HIFU
Franco Orsi, MD

12:00 – 12:30 **Biliary and Pancreatic Tumor Board**
East Ballroom

Moderator: George Getrajdman, MD

Panel: Douglas B. Evans, MD, Govindarajan Narayanan, MD, Franco Orsi, MD, Tim Pawlik, MD, MPH, and Michael C. Soulen, MD

12:30 – 14:00 **Exhibit Hall Lunch**
America's Hall

13:00 – 14:00 **Industry Sponsored Symposium: GE Healthcare (No CME)**
East Ballroom

14:00 – 15:00 **Frontiers & Controversies: Neuroendocrine Tumors**
East Ballroom

Moderators: Thierry de Baere, MD and Michael C. Soulen, MD

14:00 – 14:15 Systemic Therapies: CapTem, Small Molecules and Beyond
Diane Reidy-Lagunes, MD

14:15 – 14:30 Surgery for Metastatic NET: When to be Aggressive?
Eric Liu, MD

14:30 – 2:45 Advances in Radionuclide Imaging and Therapy
Marnix Lam, MD, PhD

14:45 – 15:00 Liver-Directed Therapies
Tobias Jakobs, MD

14:00 – 15:30 **Fellows' Program—Exhibitor Time**
Americas Hall

15:00 – 15:30 **Neuroendocrine: Tumor Board**
East Ballroom

Moderators: Thierry de Baere, MD and Michael C. Soulen, MD

Panel: Tobias Jakobs, MD, Marnix Lam, MD and Eric Liu, MD, Diane Reidy-Lagunes, MD

15:30 – 16:15 **Refreshment Break**
Americas Hall

16:15 – 17:30 **Concurrent Session: Multidisciplinary State-of-the-Art Session: Lung Cancer**
East Ballroom

Moderators: Thierry de Baere, MD and Damian Dupuy, MD

16:15 – 16:30 Triage: Is Resection Always Best?
Robert J. Downey, MD

16:30 – 17:00 SBRT of NSCLC
Robert Timmerman, MD

17:00 – 17:15 Ablation: When and How?
Damian E. Dupuy, MD

17:15 – 17:30 Local Treatment in the Management of Oligometastatic Disease
Stephen Solomon, MD

17:30 – 18:00 **Lung Cancer: Tumor Board**
East Ballroom

Moderator: Thierry de Baere, MD

Panel: Damian E. Dupuy, MD, Stephen Solomon, MD and Robert Timmerman, MD

16:15 – 17:45 **Concurrent Session: Abstract Presentations – Tumor Ablation and Ablation Science**
West Ballroom

17:00 – 18:00 **International Reception**
Mercury Rotunda

18:00 – 19:30 **Fellows' Symposium**
East Ballroom

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Saturday, 18 May

6:30 – 8:00	Continental Breakfast <i>East Ballroom Foyer</i>	12:00 – 12:30	Live Case – Northwestern University <i>East Ballroom</i>
6:30 – 14:00	Conference Registration <i>West Promenade</i>	12:30 – 14:00	Exhibit Hall Lunch <i>Americas Hall</i>
7:00 – 8:30	Concurrent Workshop: Drug-Eluting Beads <i>East Ballroom</i> Speakers: James Caridi, MD, Ricardo Daniel Garcia-Monaco, MD, PhD, Hyun S. “Kevin” Kim, MD	13:00 – 14:00	Industry Sponsored Symposium: Biocompatibles, Inc. a BTG International Group Company (No CME) <i>East Ballroom</i>
7:00 – 8:30	Concurrent Workshop: What’s New in Ablation Devices (Hands-On) <i>Mercury</i> Thierry DeBaere, MD and Stephen Solomon, MD	14:00 – 15:15	Multidisciplinary State-of-the-Art: Renal Cancer <i>East Ballroom</i> Moderators: Daniel B. Brown, MD and Hyun S. “Kevin” Kim, MD
8:30 – 10:15	Concurrent Session: Colorectal Liver Metastases <i>East Ballroom</i> Moderators: David C. Madoff, MD and Govindarajan Narayanan, MD	14:00 – 14:15	Surgical Management of Small Renal Cancer David C. Madoff, MD
8:30 – 8:45	Surgery is the Gold Standard and Cannot be Replaced by Ablation Michael D’Angelica, MD	14:15 – 14:30	How to Ablate Small RCC: RFA Christos Georgiades, MD, PhD
8:45 – 9:00	Ablation is Safer and Should Replace Surgery for Selected Patients Constantinos T. Sofocleous, MD, PhD	14:30 – 14:45	How to Ablate Small RCC: Cryo Shaun Samuels, MD
9:00 – 9:15	How Locoregional Therapies Can Maximize the Therapeutic Effects of Chemotherapy James P. Thomas, MD, PhD	14:45 – 15:00	How to Ablate RCC Beyond 3 cm Debra Gervais, MD
9:15 – 9:30	Drug-Eluting Beads Govindarajan Narayanan, MD	15:00 – 15:15	Current MWA Technology in RCC Ablation Fred Lee, MD
9:30 – 9:45	Radioembolization with Y90 William S. Rilling, MD	15:15 – 16:00	Poster Presentations <i>Americas Hall</i>
9:45 – 10:00	Multimodality Management of the Disease Daniel B. Brown, MD	16:00 – 17:00	Concurrent Session: Changing Regulatory Pathways for Approval in IO <i>East Ballroom</i> Moderators: J.F. Geschwind, MD and Riccardo A. Lencioni, MD, PhD
10:00 – 10:15	Discussion	16:00 – 16:15	Drugs: From Lab to Clinic J.F. Geschwind, MD
8:30 – 10:15	Concurrent Session: Abstract Presentations - Treatment of Hepatic Metastases, MSK Interventions <i>West Ballroom</i>	16:15 – 16:30	Devices: From Lab to Clinic Francis Facchini, MD
10:00 – 16:00	Exhibit and Poster Hall <i>Americas Hall</i>	16:30 – 16:45	Imaging in IO Development Rick Pratt, MD
10:15 – 11:00	Refreshment Break <i>Americas Hall</i>	16:45 – 17:00	Discussion
11:00 – 12:00	Tumor Board: Metastatic Disease <i>East Ballroom</i> Moderators: Riad Salem, MD, MBA and Constantinos T. Sofocleous, MD, PhD Panelists: Michael D’Angelica, MD, Tobias Jakobs, MD, David C. Madoff, MD, Luigi Solbiati, MD, James P. Thomas, MD, PhD, and Joshua L. Weintraub, MD	16:00 – 17:30	Concurrent Session: Abstract Presentations - Imaging in IO, Guidance and Targeting, Cutting Edge Translational Science <i>West Ballroom</i>

CONFERENCE PROGRAM

17:00 – 18:00 **Multidisciplinary State-of-the-Art Session: Bone Cancer**
East Ballroom

Moderators: Michael Brunner, MD and Joshua L. Weintraub, MD

17:00 – 17:15 Ablation for Pain Palliation
Afshin Gangi, MD

17:15 – 17:30 Cementoplasty for Pain Palliation
Sean M. Tutton, MD

17:30 – 17:45 Orthopedic Hardware Development in Cancer Patients
Frederic Deschamps, MD

17:45 – 18:00 Bone Ablation as a Curative Treatment
A. Nicholas Kurup, MD

18:00 – 19:00 IRE: Where Do We Stand?
East Ballroom

Sunday, 19 May

6:30 – 8:00 Continental Breakfast
East Ballroom Foyer

6:30 – 12:00 Conference Registration
West Promenade

7:00 – 8:00 Palliative Care Workshop
East Ballroom

Speakers: George Getradjam, MD, Michael C. Soulen, MD, and Ashraf Thabet, MD

8:00 – 9:30 Kidney and Lung Ablation Workshop
East Ballroom

Speakers: Christos Georgiades, MD, PhD, Fred Lee, MD and Robert Suh, MD

9:30 – 12:00 “How I Do It” – Top 10 Clinical Pearls
East Ballroom

Moderators: Riccardo A. Lencioni, MD, PhD and Riad Salem, MD, MBA

9:30 – 9:45 Lung Ablation
Stephen Solomon, MD

9:45 – 10:00 Liver Ablation: HCC
Gerald Dodd, MD

10:00 – 10:15 Liver Ablation: Metastases
Constantinos T. Sofocleous, MD, PhD

10:15 – 10:30 Renal Ablation
Debra Gervais, MD

10:30 – 10:45 TACE
Yasuaki Arai, MD

10:45 – 11:00 Drug-Eluting Beads: HCC
Katerina Malagari, MD, PhD

11:00 – 11:15 Drug-Eluting Beads: Metastases
Govindarajan Narayanan, MD

11:15 – 11:30 Radioembolization: HCC
Riad Salem, MD, MBA

11:30 – 11:45 Radioembolization: Metastases
William S. Rilling, MD

11:45 – 12:00 Portal Vein Embolization
David C. Madoff, MD

12:00 – 12:15 Hepatic Arterial Port Placement
Thierry de Baere, MD

12:15 – 12:30 Clinical Management of the Oncology Patient: General Principals
Michael C. Soulen, MD

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THE COLLABORATIVE IO: A SYMPOSIUM FROM THE NURSING PERSPECTIVE

SATURDAY, 18 MAY 2013

CNE Information

Accreditation Statement

This activity has been submitted to the Oncology Nursing Society for approval to award contact hours. ONS is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's COA.

Nursing Program Learning Objectives

Upon completion of the course the attendees will be able to:

- Identify the oncology population who are able to undergo IRE
- Explain the preparation and post-procedure nursing management of patients who have undergone IRE ablation
- Recognize side effects and potential complications following IRE Ablation
- Describe post-embolization symptoms and management including: pain, fevers, nausea/vomiting, malaise
- Identify evidence-based regimens for antibiotic prophylaxis and treatment of hypertension
- Discuss the differences between radioembolization, bland embolization and chemoembolization
- Describe different types of ablations
- Identify the most common post-procedural symptoms and management techniques
- Discuss post-procedural vs. post-anesthesia monitoring
- Propose strategies for assessing and managing vascular access device complications

9:00 – 10:30	Clinical Management of Patients Undergoing Percutaneous Ablation with Irreversible Electroporation (IRE) <i>Mercury Ballroom</i> Speaker: Evelyn Perez-Rojas, MBA, ACNP-BC, OCN
10:30 – 11:00	Break <i>Americas Hall</i>
11:00 – 12:30	Post Embolization Syndrome: Symptoms and Management <i>Mercury Ballroom</i> Speakers: Ginna Deitrick, MSN, CRNP, AOCNP, Deborah Fleischer, BSN, RN, MA, ACNP-BC, Nicole Kowalewski, MSN, BSN, RN, ACNP-BC, and Diana VanHouten, MSN, CRNP, CCRN
12:30 – 14:00	Lunch <i>Mercury Ballroom Rotunda</i>
14:00 – 15:30	Vascular Access: Device Selection, Management and Troubleshooting <i>Mercury Ballroom</i> Speaker: Gail M. Egan, MS, ANP
15:30 – 16:00	Break <i>Americas Hall</i>
16:00 – 17:30	Ablation 101 and Post-Procedure Management <i>Mercury Ballroom</i> Speakers: Deborah Fleischer, BSN, RN, MA, ACNP-BC, Nicole Kowalewski, MSN, BSN, RN, ACNP-BC, Shannon Maier, BSN, RN, Evelyn Perez-Rojas, MBA, ACNP-BC, OCN, Deepak Sudheendra, MD

Nursing Faculty

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Philadelphia, Pennsylvania, USA

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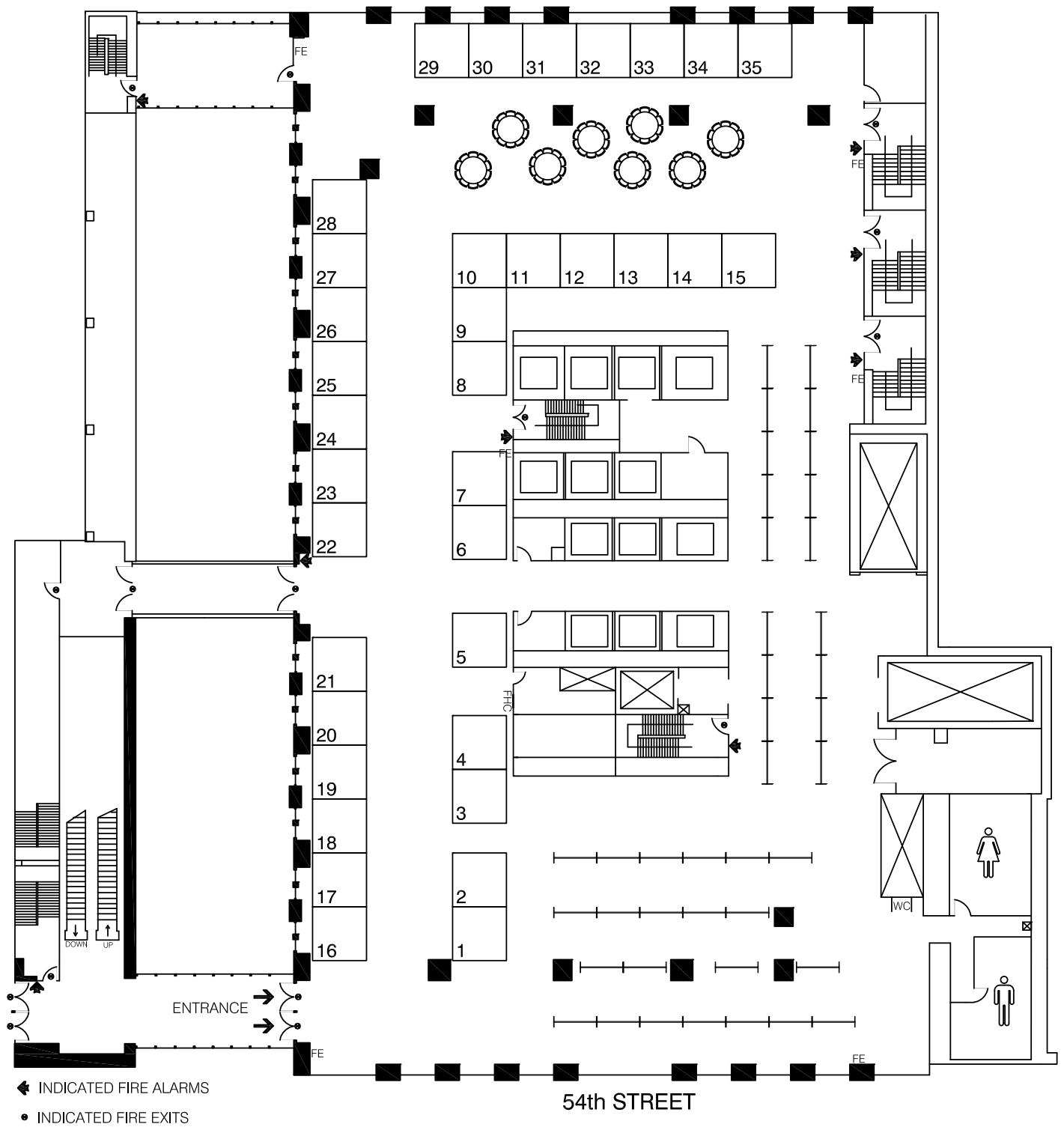
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Deepak Sudheendra, MD
Hospital of University of Pennsylvania
Philadelphia, Pennsylvania, USA

Diana VanHouten, MSN, CRNP, CCRN
Hospital of University of Pennsylvania
Philadelphia, Pennsylvania, USA

EXHIBIT HALL MAP

16



- ← INDICATED FIRE ALARMS
- INDICATED FIRE EXITS

54th STREET

EXHIBITORS

AngioDynamics

Booth 23

www.angiodynamics.com
100 Dennis Drive
Reading, Pennsylvania 19606 USA

Angiotech

Booth 8

www.angio.com
14 Plaza Drive
Latham, New York 12110 USA

Bard Peripheral Vascular

Booth 9

www.crbard.com
1415 West 3rd Street
Tempe, Arizona 85281 USA

Bayer HealthCare

Booth 26

www.healthcare.bayer.com

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Booth 15

www.baylismedical.com
5959 Route Trans-Canada
St-Laurent, Qc H4T1A1, Canada

Biocompatibles, Inc.

Booth 3

www.biocompatibles.com
115 Hurley Road, Building 3
Oxford, Connecticut 06488 USA

Boston Scientific

Booth 11

www.bostonscientific.com

BSD Medical Corporation

Booth 21

www.bsdlmc.com
2188 West 2200 South
Salt Lake City, Utah 84119 USA

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1500 Waukegan Road
McGaw Park, Illinois 60085 USA

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www.celonova.com
18615 Tuscany Stone, Suite 100
San Antonio, Texas 48258 USA

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750 Daniels Way
Bloomington, Indiana 47404 USA

Covidien

Booth 31

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5920 Longbow Drive
Boulder, Colorado 80301 USA

Delcath Systems Inc

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810 7th Avenue, Suite 3500
New York, New York 10019 USA

DFINE

Booth 5

www.dfineinc.com
3047 Orchard Parkway
San Jose, California 95134 USA

Endocare, Inc.

Booth 20

www.heathtronics.com
9825 Spectrum Drive, Building 3
Austin, Texas 78717 USA

Esaote North America, Inc

Booth 6

www.esaoteusa.com
8000 Castleway Drive
Indianapolis, Indiana 46250 USA

Galil Medical

Booth 28

www.galilmedical.com
4364 Round Lake Road West
Arden Hills, Minnesota 55112 USA

GE Healthcare

Booth 32

www.gehealthcare.com
9900 W Innovation Drive
Wauwatosa, Wisconsin 53202 USA

Guerbet LLC

Booth 22

www.guerbet-group.com
1185 West 2nd Street
Bloomington, Indiana 47403 USA

INTIO Inc.

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Broomfield, Colorado 80021 USA

Merit Medical

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South Jordan, Utah 84095 USA

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Booth 17

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Onyx Pharmaceuticals

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www.onyx.com
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Perfint Healthcare Corporation

Booth 25

www.perfinttech.com
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Florence, Oregon 97439 USA

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Bethell, Washington 98021 USA

Sirtex Medical Inc.

Booth 1

www.sirtex.com
300 Unicorn Park Drive
Woburn, Massachusetts 01801 USA

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8601 Turnpike Drive, Suite 206
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Booth 27

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END ABSTRACTS



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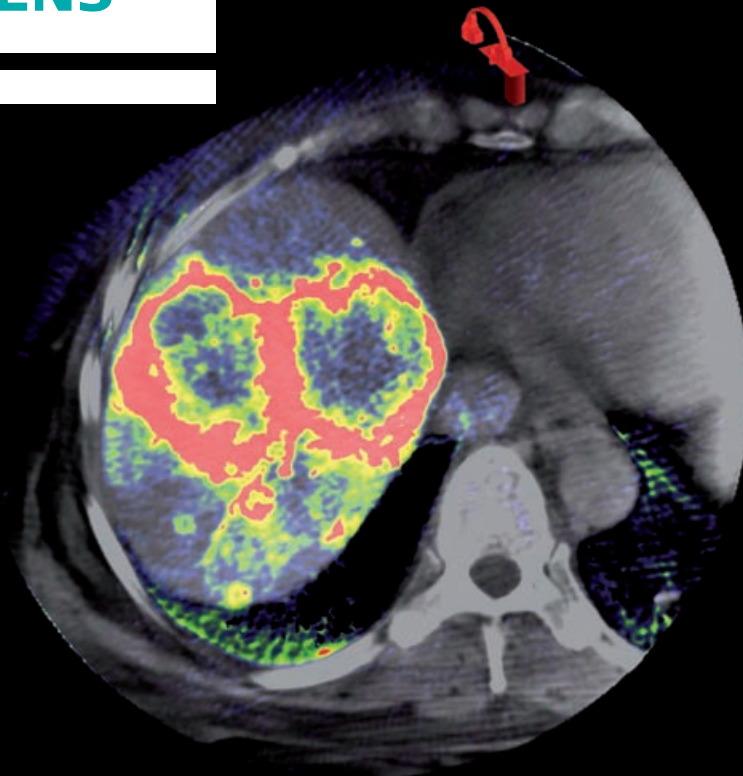
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Answer for life.

TheraSphere®

For HCC patients with or without partial or branch PVT.

TheraSphere® Glass Y-90 Microspheres Give Patients a Clear Advantage



TheraSphere® has a clear advantage because it is a powerful^a, well-tolerated yttrium-90 glass microsphere therapy for transarterial radioembolization (TARE) in hepatocellular carcinoma (HCC).

Outcomes in HCC

- Two independent studies reported median survival rates of 17.2 months in Child-Pugh A hepatocellular carcinoma (HCC) cirrhotic patients with various tumor characteristics (N=291, N=108)^{1,2}
- WHO and EASL response rates were 42% and 57%, respectively (N=273)¹
- 58% of TheraSphere patients were downstaged³

Easy on patients

- The majority of adverse events were mild to moderate in severity⁴ and were manageable or resolved over time²
- No ulcers or pulmonary toxicities were reported in two large independent studies (N=291, N=108)^{1,2}
- Administered as an outpatient treatment

For more information, visit www.TheraSphere.com

a - refers to high specific activity

References: 1. Salem R, Lewandowski RJ, Mulcahy MF, et al. Radioembolization for hepatocellular carcinoma using yttrium-90 microspheres: a comprehensive report for long-term outcomes. *Gastroenterology*. 2010;138:52-64. 2. Hilgard P, Hamami M, Fouly AE, et al. Radioembolization with yttrium-90 glass microspheres in hepatocellular carcinoma: European experience on safety and long-term survival. *Hepatology*. 2010;52:1741-1749. 3. Lewandowski RJ, Kulik LM, Riaz A, et al. A comparative analysis of transarterial downstaging for hepatocellular carcinoma: chemoembolization versus radioembolization. *Am J Transplant*. 2009;9:1920-1928. 4. TheraSphere® [US package insert]. Ottawa, ON: Nordion (Canada) Inc.;2011.

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