



# GEST 2025

**MAY 15-18  
NEW YORK CITY**

GLOBAL EMBOLIZATION  
SYMPOSIUM & TECHNOLOGIES

## Wednesday, May 14, 2025

|                                |                                                                                                                                                                      |                                   |
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| 4:30 - 5:30 PM                 | <b>Vascular Pathway Education for Interventional Radiologists that Enables Them to Build their Practice</b><br><i>Supported by an educational grant from Guerbet</i> | Empire West Ballroom, 2nd Floor   |
| <b>Moderator: Marc Sapoval</b> |                                                                                                                                                                      |                                   |
|                                | PAE: Liquids vs particles/spheres                                                                                                                                    | Art Rastinehad                    |
|                                | HCC: TACE vs TARE in the rise of immunotherapy                                                                                                                       | Venkatesh Krishnasamy             |
|                                | GAE: Temporary vs permanent embolics for MSK embolization                                                                                                            | Marc Sapoval and Bedros Taslakian |

## Thursday, May 15, 2025

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|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 7:00 - 8:00 AM                                              | <b>Physicians in Training I: Intro to Trainee Program &amp; Case Competition I</b><br><i>Sponsored by Penumbra, Inc.</i> | Empire East Ballroom, 2nd Floor |
| <b>Judges: Claire Kaufman, Merve Ozen, Indravadan Patel</b> |                                                                                                                          |                                 |
| 7:00 - 7:11 AM                                              | Welcome and introduction                                                                                                 |                                 |
| 7:11 - 7:16 AM                                              | Type II Endoleak: Direct Percutaneous Embolization of the Aneurysmal Sac                                                 | Camille Cherrak                 |
| 7:16 - 7:18 AM                                              | Audience Q&A                                                                                                             |                                 |
| 7:18 - 7:23 AM                                              | Radiation Pneumonitis after 90Y Radioembolization - Addressing the Bat Signal                                            | Sandra Gad                      |
| 7:23 - 7:25 AM                                              | Audience Q&A                                                                                                             |                                 |
| 7:25 - 7:30 AM                                              | Use of Papyrus Covered Stent in setting of Traumatic Carotid-Cavernous Fistula                                           | Nikita Gidh                     |
| 7:30 - 7:32 AM                                              | Audience Q&A                                                                                                             |                                 |
| 7:32 - 7:37 AM                                              | Endovascular Treatment of a Ruptured Portal Vein Pseudoaneurysm Secondary to a Large Stomach Ulcer                       | Alex Hodson                     |
| 7:37 - 7:39 AM                                              | Audience Q&A                                                                                                             |                                 |
| 7:39 - 7:44 AM                                              | Narrow escape from death                                                                                                 | Farrukh Malik                   |
| 7:44 - 7:46 AM                                              | Audience Q&A                                                                                                             |                                 |
| 7:46 - 7:51 AM                                              | Percutaneous Creation of Choledochoduodenostomy for Complicated Bile Duct Obstruction                                    | Nick Meredith                   |
| 7:51 - 7:53 AM                                              | Audience Q&A                                                                                                             |                                 |
| 7:53 - 7:58 AM                                              | Endovascular Management of an Exceptionally Rare Type of Pulmonary Malinosis in an Adult Patient: A Case Report          | Youssef Raslan                  |
| 7:58 - 8:00 AM                                              | Audience Q&A                                                                                                             |                                 |

| 8:00 - 9:30 AM <b>Session I: Masterclass Coils</b>             |                                                                                   | Metro East Ballroom, 2nd Floor                                        |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <b>Moderators: Jafar Golzarian and Charles Ray</b>             |                                                                                   |                                                                       |
| <b>Demonstrators: Marc Sapoval, Gary Siskin, Anuj Malhotra</b> |                                                                                   |                                                                       |
| 8:00 - 8:10 AM                                                 | ABC of making coils                                                               | Dania Daye                                                            |
| 8:10 - 8:20 AM                                                 | Detachable and pushables: 5 mistakes to avoid when selecting micro-catheter/coils | Charles Ray                                                           |
| 8:20 - 8:30 AM                                                 | First and last coils are key: How I pick them                                     | Jean-Pierre Pelage                                                    |
| 8:30 - 9:30 AM                                                 | Demos with practical tips on usage and panel discussion                           | Speakers + William Rilling + Guy Johnson + Parag Patel + Ripal Gandhi |

| 9:30 - 10:00 AM | <b>Exhibits, ePosters and Refreshments Break</b> | Exhibit Hall, 2nd Floor |
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| 10:00 - 11:30 AM <b>Session II: Vanguard &amp; Honorary Lecture</b>         |                                                                          | Metro East Ballroom, 2nd Floor                           |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------|
| <b>Moderators: Jafar Golzarian, Marc Sapoval, Beau Toskich, Gary Siskin</b> |                                                                          |                                                          |
| 10:00 - 10:12 AM                                                            | Direct image guided percutaneous insertion of Y90 for HCC                | Malkhaz Mizandari                                        |
| 10:12 - 10:24 AM                                                            | Patient education: The next frontier                                     | Lakshmi Sundar                                           |
| 10:24 - 10:36 AM                                                            | Stem cell therapy in IR: The new frontier                                | David Prologo and Maede Rouzbahani                       |
| 10:36 - 10:46 AM                                                            | Panel discussion                                                         |                                                          |
| 10:46 - 11:01 AM                                                            | From clinical IR to industry executive positions: Round table discussion | James Benenati, John Kaufman, David Hahn, Keith Sterling |
| 11:01 - 11:05 AM                                                            | Introduction: GEST honorary lecture                                      | Jafar Golzarian and Marc Sapoval                         |
| 11:05 - 11:30 AM                                                            | Honorary lecture                                                         | Helene Vernhet Kovacsik                                  |

| 10:00 - 11:30 AM <b>Abstract Session I</b> |                                                                                                                          | New York West Ballroom, 3rd Floor |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 10:00 - 10:06                              | Analyzing Effects of Embolization in a Swine Model                                                                       | Erik Cressman                     |
| 10:06 - 10:09                              | Audience Q&A                                                                                                             |                                   |
| 10:09 - 10:15                              | Feasibility of Intra-Arterial Steroid Administration for Temporary Embolization                                          | Christopher Hesh                  |
| 10:15 - 10:18                              | Audience Q&A                                                                                                             |                                   |
| 10:18 - 10:24                              | In Vivo Rabbit Renal-Artery Model: Comparison of Radiological and Histological different Cyanoacrylates 'embolic effects | Romarc Loffroy                    |
| 10:24 - 10:27                              | Audience Q&A                                                                                                             |                                   |
| 10:27 - 10:33                              | Bronchial Artery Embolisation In Hemoptysis- Single Center Experience                                                    | Trupthi Das                       |
| 10:33 - 10:36                              | Audience Q&A                                                                                                             |                                   |
| 10:36 - 10:42                              | Initial Experience Using the Low-profile Braided Occluder Device for Pulmonary Arteriovenous Malformation Embolization   | Bryan Harris                      |
| 10:42 - 10:45                              | Audience Q&A                                                                                                             |                                   |
| 10:45 - 10:51                              | Foamed Sotradecol Embolotherapy of Venous Malformations: Clinical Outcomes in a Single Center                            | Eli Zettler                       |
| 10:51 - 10:54                              | Audience Q&A                                                                                                             |                                   |

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| 10:54 - 11:00 | Development of Software for the intra-procedural Assessment of Uterine Artery Embolization: beyond the Pruned Tree?     | Emanuele Barabino |
| 11:00 - 11:03 | Audience Q&A                                                                                                            |                   |
| 11:03 - 11:09 | Innovative Approach to Embolization of Pelvic Varices Using Endovaginal Guidance: Methodology and Preliminary Results   | Rayann Soueidan   |
| 11:09 - 11:12 | Audience Q&A                                                                                                            |                   |
| 11:12 - 11:18 | Effects of bladder contrast accumulation during uterine artery embolization on anatomy visualization and radiation dose | Chi Trinh         |
| 11:18 - 11:21 | Audience Q&A                                                                                                            |                   |

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| 12:00 - 1:00 PM | <b>Lunch Session Sponsored by Penumbra:</b><br><b>Mastering Embolization: The Latest in Innovation and Techniques with Ruby Large Volume Coils</b> | Empire East Ballroom, 2nd Floor |
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**Moderator: James Benenati**

**Speakers: Justin McWilliams, Parag Patel, Noor Ahmad**

Something BIG is coming. Join a panel of experts as they explore how the embolization landscape is evolving; from low-profile options to emerging solutions designed to address the needs of today's complex embolization cases. Whether managing high-flow vessels, navigating tortuous anatomy, or pushing the limits of packing density, this session will showcase real-world strategies using Penumbra's Ruby Embolization Platform. Join us to learn more!

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| 12:00 - 1:00 PM | <b>Lunch Session Sponsored by Guerbet:</b><br><b>Lipiodol's Multifaceted Role in HCC Management: Enhancing Visualization for Precision Therapy</b> | Empire West Ballroom, 2nd Floor |
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**Speakers: Venkatesh Krishnasamy, Zachary Berman, Resmi Charalel**

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| 12:00 - 1:00 PM | <b>Lunch Session Sponsored by Asahi:</b><br><b>Embolization Mastery: Building Your Practice, Perfecting MSK, and Unlocking TAME</b> | New York West Ballroom, 3rd Floor |
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**Moderator: Jafar Golzarian**

From Concept to Clinic: How I built my practice

Osman Ahmed

Precision in MSK: Why Distal Embolization Matters

Florian Fleckenstein

A Game Changer in Sports Medicine: MSK Embolization Across the Performance Spectrum

Yuji Okuno

This session offers an expert-led guide to mastering embolization in the world of musculoskeletal pain management. Gain valuable insights on building a thriving practice, followed by a deep dive into why distal embolization is essential in MSK procedures. The session will also explore TAME, a game-changing technique for treating pain. Get ready for actionable strategies to improve both your clinical skills and practice management.

| 1:00 - 2:30 PM                                                 | Session III: Masterclass Plugs and Stent Grafts: Prepare your way to Better Outcomes                              | Metro East Ballroom, 2nd Floor                                                                        |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Moderator: Jafar Golzarian and Parag Patel</b>              |                                                                                                                   |                                                                                                       |
| <b>Demonstrators: Marc Sapoval, Gary Siskin, Anuj Malhotra</b> |                                                                                                                   |                                                                                                       |
| 1:00 - 1:10 PM                                                 | When do I use as a primary intention: Why                                                                         | Brian Funaki                                                                                          |
| 1:10 - 1:20 PM                                                 | Flow diverters and stent grafts in embolotherapy                                                                  | Masato Yamaguchi                                                                                      |
| 1:20 - 2:30 PM                                                 | Demos with practical tips on usage and panel discussion:<br>The ones I have on the shelf<br>How I close high flow | Hicham Abada, Bulent Arslan,<br>Justin McWilliams, Brian Funaki,<br>Vivian Bishay, Jean-Pierre Pelage |

| 1:00 - 2:30 PM | Learn From the Expert: PAE                               | Lenox Ballroom, 2nd Floor                  |
|----------------|----------------------------------------------------------|--------------------------------------------|
| Station 1      | Patient work up pre-PAE                                  | Karim Abd El Tawab and<br>Attila Kovacs    |
| Station 2      | Anatomy slide review                                     | Nassir Rostambeigi                         |
| Station 3      | Tips and tricks for complex cases                        | Justin McWilliams and<br>Bora Peynircioglu |
| Station 4      | Review of catheters wires and embolics                   | Nainesh Parikh and Shivank Bhatia          |
| Station 5      | Post PAE management: Medications and MX of complications | Mohamad Shaker and Tiago Bilhim            |

| 1:00 - 2:12 PM | Abstract Session II                                                                                                      | New York West Ballroom, 3rd Floor |
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| 1:00 - 1:06    | Evaluation of Clinical Outcomes post PAE with NBCA in BPH using the Prostate Artery Embolization Grading System (PAEGS)  | Ramita Gowda                      |
| 1:06 - 1:09    | Audience Q&A                                                                                                             |                                   |
| 1:09 - 1:15    | Outcomes of Prostate Artery Embolization Using Low-Dose Settings                                                         | Maxwell Edelheit                  |
| 1:15 - 1:18    | Audience Q&A                                                                                                             |                                   |
| 1:18 - 1:24    | Outcomes of prostate artery embolization in the setting of benign prostate hyperplasia in poor surgical candidates       | Matthew Laffey                    |
| 1:24 - 1:27    | Audience Q&A                                                                                                             |                                   |
| 1:27 - 1:33    | Transarterial and Venous Embolization with alpha-Hexyl Cyanoacrylate MagicGlue®: Short-Term Safety and Efficacy Outcomes | Romarc Loffroy                    |
| 1:33 - 1:36    | Audience Q&A                                                                                                             |                                   |
| 1:36 - 1:42    | Prostatic Artery Embolization Outcomes in Standard vs. Non-Standard Anatomy: A Comparative Study                         | Delmarie Rivera Rodriguez         |
| 1:42 - 1:45    | Audience Q&A                                                                                                             |                                   |
| 1:45 - 1:51    | Benign Prostatic Hyperplasia and Internal Hemorrhoids as Comorbid Conditions                                             | Jonathon Schutt                   |
| 1:51 - 1:54    | Audience Q&A                                                                                                             |                                   |
| 1:54 - 2:00    | Leveraging Large Language Models for Patient-Centered Care: A Proof of Concept Study on a DVT Management Database        | Krishnaveni Parvataneni           |
| 2:00 - 2:03    | Audience Q&A                                                                                                             |                                   |
| 2:03 - 2:09    | Prostate Artery Embolization with nBCA Glue: Six-Month Outcomes in Prostate Volume and Median Lobe Reduction             | Ramita Gowda                      |
| 2:09 - 2:12    | Audience Q&A                                                                                                             |                                   |

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| 3:30 - 3:00 PM | <b>Exhibits, ePosters and Refreshments Break</b> | Exhibit Hall, 2nd Floor |
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| 3:00 - 4:20 PM | <b>Session IV: Vascular Malformations</b> | Metro East Ballroom, 2nd Floor |
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| <b>Moderators: Shellie Josephs and Josee Dubois</b> |                                                          |                         |
| 3:00 - 3:30 PM                                      | How and when to treat veins in overgrowth spectrum       |                         |
| 3:00 - 3:10 PM                                      | Adult perspective                                        | Bora Peynircioglu       |
| 3:10 - 3:20 PM                                      | Children perspective                                     | Ahmad Alomari           |
| 3:20 - 3:30 PM                                      | How to choice the best agent: Venaseal glue, glue, coils | Gilles Soulez           |
| 3:30 - 3:40 PM                                      | Hand and feet AVM treatment: Intra arterial approach     | Helene Vernhet Kovacsik |
| 3:40 - 3:50 PM                                      | AVM: Trans arterial bleomycin                            | Manraj Heran            |
| 3:50 - 4:00 PM                                      | Bleomycin: Side effects                                  | Josee Dubois            |
| 4:00 - 4:20 PM                                      | Panel discussion                                         |                         |

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| 3:00 - 4:20 PM | <b>Session V: HCC I</b> | Empire East Ballroom, 2nd Floor |
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| <b>Moderators: Robert Lewandowski and Beau Toskich</b> |                                                                            |                    |
| 3:00 - 3:10 PM                                         | What does the next BCLC treatment paradigm look like                       | Robert Lewandowski |
| 3:10 - 3:20 PM                                         | All about transplant: Best methods for bridging and down-staging           | Sarah White        |
| 3:20 - 3:30 PM                                         | Competing for the cure: What modality what patient                         | Beau Toskich       |
| 3:30 - 3:40 PM                                         | Positive studies: Moving forward by combining local and systemic therapies | Riad Salem         |
| 3:40 - 3:50 PM                                         | All about IO current knowledge and future opportunities                    | Koichiro Yamakado  |
| 3:50 - 4:20 PM                                         | Panel discussion                                                           |                    |

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| 3:00 - 4:30 PM | <b>Hands-on Workshop: Coils and Plugs</b> | Lenox Ballroom, 2nd Floor |
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| <b>Faculty: Venkatesh Krishnasamy, Jon Davidson, Anuj Malhotra, Osman Ahmed, Keith Quencer, Nassir Rostambeigi</b> |                             |  |
| Station 1                                                                                                          | Boston Scientific           |  |
| Station 2                                                                                                          | Balt                        |  |
| Station 3                                                                                                          | Medtronic                   |  |
| Station 4                                                                                                          | Okami Medical               |  |
| Station 5                                                                                                          | Cook Medical                |  |
| Station 6                                                                                                          | Merit Medical Systems, Inc. |  |
| Station 7                                                                                                          | Terumo Medical              |  |
| Station 8                                                                                                          | Penumbra, Inc.              |  |

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| 3:00 - 4:03 PM | <b>Abstract Session III</b> | New York West Ballroom, 3rd Floor |
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| 3:00 - 3:06 | Eleven-Year Experience of Arterial Embolization for Acute Gastrointestinal Bleeding: Outcomes and Predictors of Success | Ashley Barry |
| 3:06 - 3:09 | Audience Q&A                                                                                                            |              |
| 3:09 - 3:15 | Efficacy and Safety of Tantalum-Loaded Obsidio Conformable Embolic (Ta-OCE) in Upper Gastrointestinal Bleeding          | Sandra Gad   |
| 3:15 - 3:18 | Audience Q&A                                                                                                            |              |
| 3:18 - 3:24 | A Novel Approach to Hemorrhage Control using the LOBO Device                                                            | Austin Evans |
| 3:24 - 3:27 | Audience Q&A                                                                                                            |              |

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| 3:27 - 3:33 | Same-Day Percutaneous Kyphoplasty Is Associated with Reduced Risk of Subsequent Thoracic Vertebral Compression Fracture | Abhisri Ramesh    |
| 3:33 - 3:36 | Audience Q&A                                                                                                            |                   |
| 3:36 - 3:42 | A Retrospective Study of Image-Guided Gastrostomy Tube Insertion with and without Gastropexy. Single Center Experience  | Bashar Babkour    |
| 3:42 - 3:45 | Audience Q&A                                                                                                            |                   |
| 3:45 - 3:51 | Regional Disparities in Interventional Radiologist and Public Awareness: A U.S. Perspective                             | Eric Cyphers      |
| 3:51 - 3:54 | Audience Q&A                                                                                                            |                   |
| 3:54 - 4:00 | Percutaneous intra-ductal RFA and stent implantation – the novel approach to inoperable pancreatic cancer management    | Malkhaz Mizandari |
| 4:00 - 4:03 | Audience Q&A                                                                                                            |                   |

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| 4:30 - 5:30 PM                                      | <b>Session VI: GI bleed</b>                                                                                 | Metro East Ballroom, 2nd Floor |
| <b>Moderators: Romaric Loffroy and Brian Funaki</b> |                                                                                                             |                                |
| 4:30 - 4:40 PM                                      | When to refer to IR: Review of guidelines and best practice                                                 | Ripal Gandhi                   |
| 4:40 - 4:50 PM                                      | Upper and lower GI bleeding: Highlights on best embolic agents                                              | Brian Funaki                   |
| 4:50 - 5:00 PM                                      | Prophylactic embolization after endoscopy to reduce rebleeding                                              | Bulent Arslan                  |
| 5:00 - 5:10 PM                                      | Pancreatic-Duodenal Aneurysm (PDA): Natural history and role of embolization                                | Rahul Patel                    |
| 5:10 - 5:30 PM                                      | Panel discussion: Role of cyanoacrylates, CBCT imaging, Variceal bleeding approach, Emborrhoid perspectives |                                |

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| 4:30 - 5:30 PM                                     | <b>Session VII: HCC and Beyond</b>                      | Empire East Ballroom, 2nd Floor |
| <b>Moderator: John Fritz Angle and Nora Tabori</b> |                                                         |                                 |
| 4:30 - 4:40 PM                                     | Best approach: Treating HCC > 3 cm                      | Ed Kim                          |
| 4:40 - 4:50 PM                                     | Best approach: Treating HCC 3-5 cm                      | Claire Kaufman                  |
| 4:50 - 5:00 PM                                     | Best approach: Treating HCC > 5 cm                      | Anuj Malhotra                   |
| 5:00 - 5:10 PM                                     | Can IR help to get more patients with ICCa to resection | Nora Tabori                     |
| 5:10 - 5:20 PM                                     | Benign masses (FNH adenoma hemangioma)                  | John Fritz Angle                |
| 5:20 - 5:30 PM                                     | Panel discussion                                        |                                 |

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| 5:30 - 6:30 PM                                  | <b>Session VIII: TARE Dosimetry</b>                                             | Metro East Ballroom, 2nd Floor |
| <b>Moderators: Shamar Young and Nima Kokabi</b> |                                                                                 |                                |
| 5:30 - 5:40 PM                                  | Hi five: Five most important dosimetry articles published in the last year      | Nima Kokabi                    |
| 5:40 - 5:50 PM                                  | Advanced dosimetry the next frontier: Thinking beyond the dose distribution     | Shamar Young                   |
| 5:50 - 6:00 PM                                  | Selective deliveries to treat non-HCC's: How I do it                            | Asad Baig                      |
| 6:00 - 6:10 PM                                  | Dosing for large HCC's: How I do it                                             | Greg Woodhead                  |
| 6:10 - 6:15 PM                                  | Debate: Not having access to dosimetry software means your sub-standard of care | Zach Berman                    |
| 6:15 - 6:20 PM                                  | Debate: Dosimetry software is a nice not a must                                 | Nadine Abi-Jaoudeh             |
| 6:20 - 6:30 PM                                  | Panel discussion                                                                |                                |

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| 5:30 - 6:30 PM                                                   | <b>Hands-on Workshop: Radial</b> | Lenox Ballroom, 2nd Floor |
| <b>Faculty: Shivank Bhatia, Marcelo Guimaraes, Anuj Malhotra</b> |                                  |                           |
| Station 3                                                        | Merit Medical Systems, Inc.      |                           |
| Station 7                                                        | Terumo Medical                   |                           |

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| 6:30 - 8:00 PM                                                                                                                                                                                                                | <b>Physicians in Training Event Sponsored by Cook Medical:<br/>Cook's Big Trivia Night</b> | Empire West Ballroom, 2nd Floor |
| Join us for Cook Medical's Big Trivia Night! Enjoy an evening filled with great food, interactive hands-on stations, product showcases, and a spirited team trivia competition. Do you have what it takes to come out on top? |                                                                                            |                                 |

## Friday, May 16, 2025

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| 7:00 - 8:00 AM                                              | <b>Physicians in Training II: Case Competition II</b><br><i>Sponsored by Penumbra, Inc.</i>                             | Empire East Ballroom, 2nd Floor       |
| <b>Judges: Claire Kaufman, Merve Ozen, Indravadan Patel</b> |                                                                                                                         |                                       |
| 7:00 - 7:04 AM                                              | Day 2 welcome                                                                                                           |                                       |
| 7:04 - 7:09 AM                                              | Triple Threat: Endovascular Management of Concomitant Ischemic Stroke, Myocardial Infarction, and Pulmonary Embolism    | Ryan Nolan                            |
| 7:09 - 7:11 AM                                              | Audience Q&A                                                                                                            |                                       |
| 7:11 - 7:16 AM                                              | Cryoablation for recurrent forearm myxofibrosarcoma                                                                     | Milin Patel                           |
| 7:16 - 7:18 AM                                              | Audience Q&A                                                                                                            |                                       |
| 7:18 - 7:23 AM                                              | Percutaneous Nerve Block and Cryoablation for Pain Management in Sickle Cell-Related Avascular Necrosis                 | Abinaya Ramakrishnan                  |
| 7:23 - 7:25 AM                                              | Audience Q&A                                                                                                            |                                       |
| 7:25 - 7:30 AM                                              | Percutaneous CT-guided trans-gastric embolization of mesenteric pseudoaneurysm in the setting of occluded celiac artery | Zach Smith de la Cuesta               |
| 7:30 - 7:32 AM                                              | Audience Q&A                                                                                                            |                                       |
| 7:32 - 7:37 AM                                              | Fluoroscopic and TTE-Guided Large-Bore Mechanical Thrombectomy for Clot-in-Transit in a Massive Pulmonary Embolism      | Mohamed Soumakieh                     |
| 7:37 - 7:39 AM                                              | Audience Q&A                                                                                                            |                                       |
| 7:39 - 7:44 AM                                              | Endovascular Management of a Large Ruptured Internal Iliac Artery Aneurysm Complicated by Venous Thromboembolism        | Ryo Takeshita                         |
| 7:44 - 7:46 AM                                              | Audience Q&A                                                                                                            |                                       |
| 7:46 - 7:51 AM                                              | Case Report: Osteitis Pubis Managed with Transcatheter Arterial Micro-Embolization                                      | Jia Cheng Yuan                        |
| 7:51 - 7:53 AM                                              | Audience Q&A                                                                                                            |                                       |
| 7:53 - 7:58 AM                                              | Pulmonary artery mycotic pseudoaneurysm ethanol:n-BCA:Lipiodol embolization with preservation of distal patency         | Vellia Zhou                           |
| 7:58 - 8:00 AM                                              | Audience Q&A                                                                                                            | Shamar Young, Nima Kokabi, Marnix Lam |



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| 8:00 - 9:30 AM | <b>Session IX: Masterclass IO Vascular: Master your way out of Mystery: Emulate the Masters</b> | Metro East Ballroom, 2nd Floor |
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| <b>Moderators: Kamran Ahrar, Robert Lewandowski, Brad Wood</b> |                                                                                                         |                                              |
| 8:00 - 8:05 AM                                                 | Radiation segmentectomy: How I do it                                                                    | Nora Tabori                                  |
| 8:05 - 8:10 AM                                                 | Radiation lobectomy: How I do it                                                                        | Beau Toskich                                 |
| 8:10 - 8:25 AM                                                 | Masterclass demonstration: Y90 devices                                                                  | Shamar Young, Nima Kokabi, Marnix Lam        |
| 8:25 - 8:45 AM                                                 | Panel discussion: Radioembolization technical aspects, dosimetry, newer devices                         | Speakers + Roberto Iezzi, Nadine Abi-Jaoudeh |
| 8:45 - 8:50 AM                                                 | Optimizing C-TACE for HCC                                                                               | Shiro Miyayama                               |
| 8:50 - 8:55 AM                                                 | Why C-TACE + ablation for HCC?                                                                          | Roberto Iezzi                                |
| 8:55 - 9:00 AM                                                 | DEB-TACE: Update on applications and use in 2025                                                        | Raj Narayanan                                |
| 9:00 - 9:15 AM                                                 | Masterclass demonstration: C-TACE Prep                                                                  | Toshihiro Tanaka                             |
| 9:15 - 9:30 AM                                                 | Panel discussion: HCC C-TACE vs ablation vs Y90, clinical decision making, what modality for what stage | Speakers + Nadine Abi-Jaoudeh                |

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| 8:00 - 9:30 AM | <b>Physicians in Training III: Ops: Case Based Discussion When Things Go South in the IR Suite</b> | Empire East Ballroom, 2nd Floor |
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| <b>Moderators: Merve Ozen and Claire Kaufman</b> |                                                              |                |
| 8:00 - 8:10 AM                                   | Should I even have done that case?                           | Keith Quencer  |
| 8:10 - 8:20 AM                                   | Am I going to be sued for this?: Malpractice                 | Nariman Nezami |
| 8:20 - 8:30 AM                                   | Bailouts: Help from other specialties                        | Claire Kaufman |
| 8:30 - 8:40 AM                                   | What I have learned over the years when something goes wrong | Amy Taylor     |
| 8:40 - 8:50 AM                                   | Last minute saves: Turning around the disaster               | Sanjeeva Kalva |
| 8:50 - 9:00 AM                                   | Panel discussion                                             |                |
| 9:00 - 9:30 AM                                   | Coil-off sponsored by Penumbra, Inc.                         |                |

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| 9:30 - 10:00 AM | <b>Exhibits, ePosters and Refreshments Break</b> | Exhibit Hall, 2nd Floor |
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| 10:00 - 11:30 AM | <b>Session X: PAE</b> | Metro East Ballroom, 2nd Floor |
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|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>Moderators: Shivank Bhatia and Marc Sapoval</b> |                                                                                                                                                                                                                                                                                                            |                     |
| 10:00 - 10:10 AM                                   | PAE data update, including cost effectiveness                                                                                                                                                                                                                                                              | Marc Sapoval        |
| 10:10 - 10:20 AM                                   | Are surgical/MIST approach real competitors                                                                                                                                                                                                                                                                | Tim McClure         |
| 10:20 - 10:30 AM                                   | LUTS: Optimizing patient selection for PAE (when to say no to PAE)                                                                                                                                                                                                                                         | Shivank Bhatia      |
| 10:30 - 10:40 AM                                   | PAE: Relevant anatomy and technique for consistent results                                                                                                                                                                                                                                                 | Tiago Bilhim        |
| 10:40 - 10:50 AM                                   | Optimizing pre-op and intra-operative imaging                                                                                                                                                                                                                                                              | Francesco Carnevale |
| 10:50 - 11:00 AM                                   | Practice development: Tips and tricks                                                                                                                                                                                                                                                                      | Mohamad Shaker      |
| 11:00 - 11:10 AM                                   | Debate: Liquid Embolics for PAE                                                                                                                                                                                                                                                                            |                     |
| 11:00 - 11:05 AM                                   | Pro                                                                                                                                                                                                                                                                                                        | Romarc Loffroy      |
| 11:05 - 11:10 AM                                   | Con                                                                                                                                                                                                                                                                                                        | Clare Bent          |
| 11:10 - 11:30 AM                                   | Panel discussion <ul style="list-style-type: none"> <li>Contracting with the payers</li> <li>Do we need a contract with a hospital as a back-up ?</li> <li>Material selection</li> <li>C-arm of Fixed angiosuite?</li> <li>How to ensure good practice rules</li> <li>Marketing Tips and Tricks</li> </ul> |                     |



| 10:00 - 11:30 AM <b>Session XI: OEIS</b>                              |                                                            | Empire East Ballroom, 2nd Floor         |
|-----------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------|
| <b>Moderators: Jafar Golzarian, Jerry Niedzwiecki, Bret Wiechmann</b> |                                                            |                                         |
| 10:00 - 10:10 AM                                                      | Office based lab (OBL): Where to start                     | Aaron Kovaleski                         |
| 10:10 - 10:20 AM                                                      | What types of embolization procedures are ideal for an OBL | Charles Nutting                         |
| 10:20 - 10:30 AM                                                      | OEIS registries for embolization                           | Jerry Niedzwiecki                       |
| 10:30 - 10:40 AM                                                      | How to negotiate with the payors                           | Deepak Sudheendra                       |
| 10:40 - 10:50 AM                                                      | Digital marketing                                          | Christopher Goettl                      |
| 10:50 - 11:00 AM                                                      | Staffing and management                                    | Bret Wiechmann                          |
| 11:00 - 11:30 AM                                                      | Panel discussion                                           | Speakers + Justin Lesh,<br>Chas Sanders |

| 10:00 - 11:12 AM <b>Abstract Session IV</b> |                                                                                                                         | New York West Ballroom, 3rd Floor |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 10:00 - 10:06                               | Curative intent in small HCCs a comparison of locoregional treatment methods.                                           | Shamar Young                      |
| 10:06 - 10:09                               | Audience Q&A                                                                                                            |                                   |
| 10:09 - 10:15                               | Debiri Chemoembolisation Protocol In Hepatic Metastasis From Colorectal Malignancy- A Single Centric Experience         | Trupthi Das                       |
| 10:15 - 10:18                               | Audience Q&A                                                                                                            |                                   |
| 10:18 - 10:24                               | Dose-Survival and Dose-Response Relationship for Radioembolization in Patients with Liver Metastases from Breast Cancer | Betul Uzunoglu                    |
| 10:24 - 10:27                               | Audience Q&A                                                                                                            |                                   |
| 10:27 - 10:33                               | Enterobiliary fistulas after transarterial radioembolization (TARE): Myth or Reality?                                   | Shamar Young                      |
| 10:33 - 10:36                               | Audience Q&A                                                                                                            |                                   |
| 10:36 - 10:42                               | Primary Hepatocellular Carcinoma Treatment Outcomes After TACE vs TARE with Y90-resin                                   | Claire White-Dzuro                |
| 10:42 - 10:45                               | Audience Q&A                                                                                                            |                                   |
| 10:45 - 10:51                               | Efficacy and safety of percutaneous thrombin injection for non-femoral artery pseudoaneurysms                           | Hiba Abduljawad                   |
| 10:51 - 10:54                               | Audience Q&A                                                                                                            |                                   |
| 10:54 - 11:00                               | Immediate Recoil After Percutaneous Balloon Angioplasty of Below Knee Arteries in Patients With Critical Limb Ischemia  | Farrukh Malik                     |
| 11:00 - 11:03                               | Audience Q&A                                                                                                            |                                   |
| 11:03 - 11:09                               | Demographic and Clinical Variables Influencing Elective vs. Nonelective Treatment in PAD                                | Aarya Nehe                        |
| 11:09 - 11:12                               | Audience Q&A                                                                                                            |                                   |

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| 12:00 - 1:00 PM | <b>Lunch Session Sponsored by Medtronic:<br/>Patient-Centric Precision: Tailoring Embolization<br/>Strategies for Diverse Pathologies</b> | Empire East Ballroom, 2nd Floor |
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**Moderator: Dania Daye**

**Speakers: Osman Ahmed and Jose Urbano**

Please join this group of experts for interactive presentations and discussion around embolization procedure best practices. The panel will discuss device selection and treatment strategies for embolization within pelvic pathologies, hemorrhage, and more.

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| 12:00 - 1:00 PM | <b>Lunch Session Sponsored by Boston Scientific:<br/>Next Generation Embolization: Clinical Experience with<br/>Obsidio Conformable Embolic</b> | Empire West Ballroom, 2nd Floor |
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**Moderator: Abhishek Kumar**

**Speakers: Merve Ozen, Nariman Nezami, Mikin Patel**

|                 |                                                                                                                                                                   |                                      |
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| 12:00 - 1:00 PM | <b>Lunch Session Sponsored by Sirtex:<br/>IR Toolbox in Action: Lava® Liquid Embolic System and<br/>SIR-Spheres® Y-90 resin microspheres in Clinical Practice</b> | New York West Ballroom,<br>3rd Floor |
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**Speakers: Asad Baig and Guillermo Gonzalez-Araiza**

|                |                                                                     |                                |
|----------------|---------------------------------------------------------------------|--------------------------------|
| 1:00 - 2:30 PM | <b>Session XII: Masterclass Particles, Resorbables, and Visible</b> | Metro East Ballroom, 2nd Floor |
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**Moderators: Lindsay Machan and Miyuki Sone**

**Demonstrators: Marc Sapoval, Gary Siskin, Anuj Malhotra**

|                |                                                                      |                                                                           |
|----------------|----------------------------------------------------------------------|---------------------------------------------------------------------------|
| 1:00 - 1:10 PM | Resorbable agents                                                    | Jafar Golzarian                                                           |
| 1:10 - 1:20 PM | Organic & green: environmentally friendly particles                  | Vincent Vidal                                                             |
| 1:20 - 1:30 PM | Patients want to choose: Results from a survey                       | Pavan Najran                                                              |
| 1:30 - 1:40 PM | Are permanent spheres challenged by new developments (PAE, GAE, UFE) | James Spies                                                               |
| 1:40 - 2:30 PM | Masterclass demonstration and panel discussion (endpoint video)      | Speakers + Clare Bent,<br>Man-Deuk Kim, Mark Little,<br>Marcelo Guimaraes |

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| 1:00 - 2:30 PM | <b>Learn From the Expert: Lymphatic</b> | Lenox Ballroom, 2nd Floor |
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| Station 1 | Hands on lymph node access                                | Maxim Itkin                  |
| Station 2 | Hands on TD access                                        | Gregory Nadolski             |
| Station 3 | Non-traumatic chylothorax algorithm and interactive cases | Saebeom Hur                  |
| Station 4 | Chylous ascites algorithm and interactive cases           | Deborah Rabinowitz           |
| Station 5 | Lymphocele treatment interactive cases                    | Jinoo Kim and Masanori Inoue |

| 1:00 - 2:21 PM | Abstract Session V                                                                                                       | New York West Ballroom, 3rd Floor |
|----------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 1:00 - 1:06    | Outcomes of Yttrium-90 Radiation Segmentectomy with Resin Microspheres vs Microwave Ablation for Early Primary HCC       | Omar Abdalla                      |
| 1:06 - 1:09    | Audience Q&A                                                                                                             |                                   |
| 1:09 - 1:15    | Building A Community Hospital Y90 Program: Results From The First 100 Patients                                           | Keith Chan                        |
| 1:15 - 1:18    | Audience Q&A                                                                                                             |                                   |
| 1:18 - 1:24    | Safety of Transarterial Radioembolization Using Yttrium-90 for Metastatic Urothelial Carcinoma to the Liver              | Jonathan Henning                  |
| 1:24 - 1:27    | Audience Q&A                                                                                                             |                                   |
| 1:27 - 1:33    | First In Vivo Delivery and Characterization of a Novel Radiopaque Y-90 Radioembolic Microsphere and Delivery System      | David Hodgson                     |
| 1:33 - 1:36    | Audience Q&A                                                                                                             |                                   |
| 1:36 - 1:42    | Safety of Sequential TARE and SBRT in Hepatocellular Carcinoma: A Single-Center Case Series                              | Nima Kokabi                       |
| 1:42 - 1:45    | Audience Q&A                                                                                                             |                                   |
| 1:45 - 1:51    | Voxel-Based Imaging of HCC Vascular Microenvironment: Larger Tumors Show Greater Perfusion Variability on Tc99-MAA SPECT | Carson Middlebrook                |
| 1:51 - 1:54    | Audience Q&A                                                                                                             |                                   |
| 1:54 - 2:00    | Comparative Study of Intravascular Ultrasound- Guided versus Conventional Transjugular Intrahepatic Portosystemic Shunt  | Connor Morris                     |
| 2:00 - 2:03    | Audience Q&A                                                                                                             |                                   |
| 2:03 - 2:09    | Impact of Statin Use on Tumor Progression in Hepatocellular Carcinoma Patients Undergoing Yttrium-90 Radioembolization   | Reza Talaie                       |
| 2:09 - 2:12    | Audience Q&A                                                                                                             |                                   |
| 2:12 - 2:18    | Infectious complications following Transarterial Radioembolization in patients with compromised sphincters of oddi.      | Shamar Young                      |
| 2:18 - 2:21    | Audience Q&A                                                                                                             |                                   |

| 2:30 - 3:00 PM | Exhibits, ePosters and Refreshments Break | Exhibit Hall, 2nd Floor |
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| 3:00 - 4:30 PM                                       | Session XIII: Hemorrhoid Embolization                                               | Metro East Ballroom, 2nd Floor |
|------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------|
| <b>Moderators: Vincent Vidal and Jafar Golzarian</b> |                                                                                     |                                |
| 3:00 - 3:10 PM                                       | Consultation: patients selection and expectation                                    | Vincent Vidal                  |
| 3:10 - 3:20 PM                                       | Tips and tricks for RA embolization & Special cases: anatomy, indication, materials | Scott Thompson                 |
| 3:20 - 3:30 PM                                       | Level of evidence in 2025                                                           | Clare Bent                     |
| 3:30 - 3:40 PM                                       | Trans-anal sclerotherapy: Technique and results                                     | Karim Abd El Tawab             |
| 3:40 - 4:30 PM                                       | Panel discussion                                                                    |                                |

| 3:00 - 4:30 PM <b>Session XIV: Kidney: Onco and Non-onco</b> |                                                                       | Empire East Ballroom, 2nd Floor |
|--------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------|
| <b>Moderators: Kamran Ahrar and John Kaufman</b>             |                                                                       |                                 |
| 3:00 - 3:10 PM                                               | Ablation of T1a renal tumor RFA vs MWA vs cryoablation                | Kamran Ahrar                    |
| 3:10 - 3:20 PM                                               | Management of T1b and T2 renal tumors: When is embolization warranted | Ahmed Abdel Aal                 |
| 3:20 - 3:30 PM                                               | Adjunctive technique and complications for renal tumor ablation       | Ron Arellano                    |
| 3:30 - 3:40 PM                                               | When and how to treat renal AML                                       | Suvranu Ganguli                 |
| 3:40 - 3:50 PM                                               | Renal embolization for benign diseases                                | John Kaufman                    |
| 3:50 - 4:30 PM                                               | Panel discussion                                                      |                                 |

| 3:00 - 4:30 PM <b>Abstract Session VI</b> |                                                                                                                     | New York West Ballroom, 3rd Floor |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 3:00 - 3:06                               | Effectiveness and Safety of Bi-directional Portal Vein Access Kit for TIPS Procedures                               | Alexandra Eckert                  |
| 3:06 - 3:09                               | Audience Q&A                                                                                                        |                                   |
| 3:09 - 3:15                               | Trans-hepatic trans-portal coil embolization for recurrent variceal bleeding with or without portal recanalization  | Malkhaz Mizandari                 |
| 3:15 - 3:18                               | Audience Q&A                                                                                                        |                                   |
| 3:18 - 3:24                               | Impact of Portal Vein Puncture Characteristics on Clinical and Hemodynamic Outcomes of TIPS Procedure for Ascites   | Connor Morris                     |
| 3:24 - 3:27                               | Audience Q&A                                                                                                        |                                   |
| 3:27 - 3:33                               | Efficacy and Safety of Embolization Using Tantalum-Loaded Obsidio Conformable Embolic (Ta-OCE) in renal tumors      | Sandra Gad                        |
| 3:33 - 3:36                               | Audience Q&A                                                                                                        |                                   |
| 3:36 - 3:42                               | Combining Transarterial Embolization and Lipiodol Staining with Microwave Ablation for Central Renal Cell Carcinoma | Ahmed Farhan                      |
| 3:42 - 3:45                               | Audience Q&A                                                                                                        |                                   |
| 3:45 - 3:51                               | Role of Selective Angio Embolisation (SIA) of Angiomyolipoma?: Lessons learnt from 15 years experience              | Tauqir Rana                       |
| 3:51 - 3:54                               | Audience Q&A                                                                                                        |                                   |
| 3:54 - 4:00                               | Pre-Operative Embolization and Cryoablation of Endophytic Renal Cell Carcinoma                                      | Jonathon Schutt                   |
| 4:00 - 4:03                               | Audience Q&A                                                                                                        |                                   |
| 4:03 - 4:09                               | Risk Factors for Post Kidney Biopsy Complications at an Urban Safety Net Hospital                                   | Gurkeerat Singh                   |
| 4:09 - 4:12                               | Audience Q&A                                                                                                        |                                   |
| 4:12 - 4:18                               | Safety of Portal Vein Thrombectomy Using Large-Bore Computer-Assisted Mechanical Thrombectomy Devices               | Peter Park                        |
| 4:18 - 4:21                               | Audience Q&A                                                                                                        |                                   |
| 4:21 - 4:27                               | Versatility of the Low-Profile Braided Occluder (LOBO) Device in Embolization Procedures: A Case Series             | Yash Suri                         |
| 4:27 - 4:30                               | Audience Q&A                                                                                                        |                                   |

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|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 4:30 - 5:30 PM                                                             | <b>Session XV: Liver Mets</b>                                                                                                                                | Metro East Ballroom, 2nd Floor  |
| <b>Moderator: William Rilling</b>                                          |                                                                                                                                                              |                                 |
| 4:30 - 4:40 PM                                                             | Is it time to contend that ablation is equivalent to resection (collision, acclaim etc.) for mCRC                                                            | Muneeb Ahmed                    |
| 4:40 - 4:50 PM                                                             | Radioembolization for liver mets: Where is the juice worth the squeeze                                                                                       | William Rilling                 |
| 4:50 - 5:00 PM                                                             | Intra-arterial Chemotherapy: Technique, Indications and Results                                                                                              | Olivier Pellerin                |
| 5:00 - 5:10 PM                                                             | Embolization for mNET: Where do we stand when the dust settles on PRRT                                                                                       | TBC                             |
| 5:10 - 5:20 PM                                                             | mMelanoma TACE TARE immuno embolization or percutaneous perfusion                                                                                            | Beau Toskich                    |
| 5:20 - 5:30 PM                                                             | Panel Discussion                                                                                                                                             |                                 |
| 4:30 - 5:30 PM                                                             | <b>Session XVI: Abdominal and Pelvic Trauma</b>                                                                                                              | Empire East Ballroom, 2nd Floor |
| <b>Moderators: Jose Urbano, Ahmed Abdel Aal, and Marc Sapoval</b>          |                                                                                                                                                              |                                 |
| 4:30 - 4:40 PM                                                             | How to choose the embolic agent in trauma major bleeding                                                                                                     | Jose Urbano                     |
| 4:40 - 4:50 PM                                                             | Hepatic and renal trauma: When to treat and when to observe                                                                                                  | Lindsay Machan                  |
| 4:50 - 5:00 PM                                                             | Splenic trauma: When and how                                                                                                                                 | Sanjeeva Kalva                  |
| 5:00 - 5:10 PM                                                             | Management of pelvic traumatic hemorrhage                                                                                                                    | Ahmed Abdel Aal                 |
| 5:10 - 5:30 PM                                                             | Panel discussion                                                                                                                                             |                                 |
| 5:30 - 6:30 PM                                                             | <b>Session XVII: Research Session:<br/>Update on AI in Embo and IO</b>                                                                                       | Empire East Ballroom, 2nd Floor |
| <b>Moderators: Tom Boeken, Okan Ince, Shamar Young, Brad Wood</b>          |                                                                                                                                                              |                                 |
| 5:30 - 5:40 PM                                                             | Top concepts in AI: Understand the words to navigate the AI literature                                                                                       | Marc Sapoval                    |
| 5:40 - 5:50 PM                                                             | Computer vision and geometry in 2025                                                                                                                         | Tom Boeken                      |
| 5:50 - 6:00 PM                                                             | Use of LLMs in IR: Meet your new AI-driven assistant                                                                                                         | Korentin Le Floch               |
| 6:00 - 6:10 PM                                                             | Robotics and AI: Game changer for the future                                                                                                                 | Baptiste Bonnet                 |
| 6:10 - 6:30 PM                                                             | Panel discussion                                                                                                                                             |                                 |
| 6:30 - 8:00 PM                                                             | <b>Physicians in Training Event Sponsored by Boston Scientific:<br/>NextGen IR: Elevating Outcomes in IO&amp;E – A Case-Based<br/>Interactive Discussion</b> | Empire West Ballroom, 2nd Floor |
| <b>Speakers: Osman Ahmed, Abhishek Kumar, Leigh Casabadan, Mikin Patel</b> |                                                                                                                                                              |                                 |

# Saturday, May 17, 2025

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| 7:30 - 8:30 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Physicians in Training Event Sponsored by Terumo:<br/>Expanding Capabilities of Embolotherapy: Treatment of<br/>Symptomatic Hemorrhoids</b> | Empire West Ballroom, 2nd Floor                   |
| <b>Speakers: Jessica Stewart and Scott Thompson</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                |                                                   |
| <ul style="list-style-type: none"><li>• Learn the basics of Hemorrhoid Artery Embolization (HAE) and explore how HAE can benefit patients utilizing a minimally invasive approach to treat symptomatic hemorrhoids.</li><li>• Learn how the procedure developed, the latest in clinical data, and the future of HAE.</li><li>• Explore the current practice through case presentation: how to recognize good candidates &amp; poor candidates for HAE.</li><li>• Explore how to build an HAE practice from our expert panel and the importance of networking for referrals</li></ul> |                                                                                                                                                |                                                   |
| 8:30 - 10:00 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Session XVIII: Masterclass Liquids and Conformables</b>                                                                                     | Metro East Ballroom, 2nd Floor                    |
| <b>Moderators: Jafar Golzarian and Helene Vernhet Kovacsik</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                |                                                   |
| <b>Demonstrators: Marc Sapoval, Gary Siskin, Anuj Malhotra</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                |                                                   |
| 8:30 - 8:40 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Published evidence: A review                                                                                                                   | Gary Siskin                                       |
| 8:40 - 8:50 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Glue: How to master and use safely                                                                                                             | Yasuaki Arai                                      |
| 8:50 - 9:00 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EVOH bases agents: Are they all the same?                                                                                                      | Romaric Loffroy                                   |
| 9:00 - 9:10 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Conformables: Technique and results                                                                                                            | Guy Johnson                                       |
| 9:10 - 10:00 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MC demo and panel discussion: Video case of liquid injection in AVM, PAE, bronchial                                                            | Bora Peynircioglu, Suvranu Ganguli, Bulent Arslan |
| 10:00 - 10:30 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Exhibits, ePosters and Refreshments Break</b>                                                                                               | Exhibit Hall, 2nd Floor                           |
| 10:05 - 10:25 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>GEST Talk Sponsored by Terumo:<br/>Why I Go Radial First for PAE</b>                                                                        | Exhibit Hall, 2nd Floor                           |
| <b>Speaker: Art Rastinehad</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                |                                                   |
| Dr. Rastinehad is a dual-certified Urologist and Interventional Radiologist with the Northwell Health System in New York. He offers a unique perspective to treating BPH and will discuss his thoughts on taking a radial approach for PAE.                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                |                                                   |
| 10:30 - 11:45 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Session XIX: Portal interventions</b>                                                                                                       | Metro East Ballroom, 2nd Floor                    |
| <b>Moderators: Bulent Arslan and Wael Saad</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                |                                                   |
| 10:30 - 10:40 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | To the conservative: Where should they use ICE guidance for TIPS                                                                               | Osman Ahmed                                       |
| 10:40 - 10:50 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Do we need a sclerosant with Gelfoam for RTO                                                                                                   | Siobhan Flanagan                                  |
| 10:50 - 11:00 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Technique for reducing/closing mega shunts                                                                                                     | Wael Saad                                         |
| 11:00 - 11:10 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Why are we looking to smaller TIPS diameters?                                                                                                  | Kei Yamada                                        |
| 11:10 - 11:20 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | The argument for TIPS-PVR in non cirrhotics                                                                                                    | Riad Salem                                        |
| 11:20 - 11:30 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TIPS reduction                                                                                                                                 | Bulent Arslan                                     |
| 11:30 - 11:45 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Panel discussion: Complications and outcomes                                                                                                   |                                                   |

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| 10:30 - 11:45 AM                                  | <b>Abstract Session VII: Best Scientific Abstracts &amp; Awards</b>                                                     | Empire East Ballroom, 2nd Floor |
| <b>Moderators: Shamar Young and Erik Cressman</b> |                                                                                                                         |                                 |
| 10:30 - 10:36                                     | Tunability of a Polyelectrolyte Hydrogel Embolic in a Pre-Clinical Model                                                | Kevin Henseler                  |
| 10:36 - 10:39                                     | Audience Q&A                                                                                                            |                                 |
| 10:39 - 10:45                                     | Prostate Artery Embolization using Liquid Embolic n-Butyl Cyanoacrylate: A One-Year Follow-Up Review                    | Jade Lerner                     |
| 10:45 - 10:48                                     | Audience Q&A                                                                                                            |                                 |
| 10:48 - 10:54                                     | The Prospective Multicenter SQUID Peri® Study: Squid Embolic agent for Abdominal/Pelvic Arterial Bleeding treatment     | Romaric Loffroy                 |
| 10:54 - 10:57                                     | Audience Q&A                                                                                                            |                                 |
| 10:57 - 11:03                                     | The role of Genicular Artery Embolization for painful Total knee Arthroplasty within a comprehensive Rule-out Algorithm | Azzurra Paolucci                |
| 11:03 - 11:06                                     | Audience Q&A                                                                                                            |                                 |
| 11:06 - 11:12                                     | One year results of GAE using a ethiodized oil-based emulsion                                                           | Marc Sapoval                    |
| 11:12 - 11:15                                     | Audience Q&A                                                                                                            |                                 |
| 11:15 - 11:45                                     | Awards                                                                                                                  |                                 |

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| 12:00 - 1:00 PM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Lunch Session Sponsored by Terumo:<br/>Coil Craft - The Art of Embolization with the AZUR Advantage</b> | Empire East Ballroom, 2nd Floor |
| <b>Speakers: Guillermo Gonzalez-Araiza, Kapil Wattamwar, Roger S.H. Williams</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                            |                                 |
| <p>This will be a case-based panel discussion (with supporting presentations) focused on the benefits of the AZUR portfolio of coils. The session will be 1 hour long, with each presentation being approximately 15 min to accommodate questions at the end. The session will focus on the following topics:</p> <ul style="list-style-type: none"> <li>• Dr. Gonzalez: Benefits of Hydrogel (increased volume, reduced recanalization rates, etc.)</li> <li>• Dr. Wattamwar: Advantage of AZUR 035 coils vs. traditional 018 coils</li> <li>• Dr. Williams: Advantages of using the AZUR HydroPack coil in both small and large anatomy</li> </ul> |                                                                                                            |                                 |

|                                                                                                                                                                                                                                                                                  |                                                                                                                              |                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 12:00 - 1:00 PM                                                                                                                                                                                                                                                                  | <b>Lunch Session Sponsored by GE Healthcare:<br/>Push CBCT boundaries in your daily practice with new AI based solutions</b> | Empire West Ballroom, 2nd Floor |
| <b>Moderator: Helene Zemb</b>                                                                                                                                                                                                                                                    |                                                                                                                              |                                 |
| <b>Speakers: Jafar Goltzarian, Charles Nutting, Francois H. Cornelis</b>                                                                                                                                                                                                         |                                                                                                                              |                                 |
| <p>Come and meet our expert panel to see how CBCT acquisition and AI based reconstruction can help you in your daily practice - from PAE to liver embolization and other anatomies. 15min presentation/speaker and 15min panel discussion around AI in their daily practice.</p> |                                                                                                                              |                                 |

|                                                                                                       |                                                                                                     |                                   |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------|
| 12:00 - 1:00 PM                                                                                       | <b>Lunch Session Sponsored by Okami Medical:<br/>One and Done: LOBO® HDBRAID® Vascular Occluder</b> | New York West Ballroom, 3rd Floor |
| <b>Speakers: Nima Kokabi, Brian Funaki, Lourens du Pisanie</b>                                        |                                                                                                     |                                   |
| <p>More cases. More LOBO. More opportunity to learn. Join us to see how one and done can be done.</p> |                                                                                                     |                                   |



| 1:00 - 2:30 PM                                        | Session XX: Masterclass Imaging Tools, Guidance, Robotics, and Augmented Reality | Metro East Ballroom, 2nd Floor |
|-------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------|
| <b>Moderators: Sean Tutton and Nadine Abi-Jaoudeh</b> |                                                                                  |                                |
| 1:00 - 1:10 PM                                        | AI assisted vessel mapping                                                       | Muneeb Ahmed                   |
| 1:10 - 1:20 PM                                        | Overview of robotic assisted intervention                                        | Laurent Milot                  |
| 1:20 - 1:30 PM                                        | Implement this in clinical practice: The upsides and downsides                   | Raj Narayanan                  |
| 1:30 - 1:40 PM                                        | Predicting the ablation zone: Tools and limitation                               | John Fritz Angle               |
| 1:40 - 1:45 PM                                        | My tips and tricks using vessel mapping and CBCT - Philips                       | Hicham Kobeiter                |
| 1:45 - 1:50 PM                                        | My tips and tricks using vessel mapping and CBCT - GE                            | Charles Nutting                |
| 1:50 - 1:55 PM                                        | My tips and tricks using vessel mapping and CBCT - Siemens                       | Bernhard Meyer                 |
| 1:55 - 2:30 PM                                        | Panel discussion                                                                 | Session faculty + Brad Wood    |

| 1:00 - 2:30 PM                                    | Session XXI: Lymphatic Interventions                                                                          | Empire East Ballroom, 2nd Floor |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Moderator: Geert Maleux and Lakshmi Ratnam</b> |                                                                                                               |                                 |
| 1:00 - 1:10 PM                                    | ABC of accessing the lymphatic ducts transnodal, retrograde, thoracic direct...                               | Masanori Inoue                  |
| 1:10 - 1:20 PM                                    | Added value of MR lymphangiography                                                                            | Lakshmi Ratnam                  |
| 1:20 - 1:30 PM                                    | Potential complications related to iodized oil lymphangiography and lymphatic embolization                    | Waleska Pabon-Ramos             |
| 1:30 - 1:40 PM                                    | Lymphatic obstruction: Indication for lymphatic intervention or should we look also for venous desobstruction | Maxim Itkin                     |
| 1:40 - 1:50 PM                                    | Mesenteric lymphangiography: Technique and indication                                                         | Saebeom Hur                     |
| 1:50 - 2:30 PM                                    | Panel discussion                                                                                              |                                 |

| 1:00 - 2:30 PM | Learn From the Expert: MSK             | Lenox Ballroom, 2nd Floor                 |
|----------------|----------------------------------------|-------------------------------------------|
| Station 1      | GAE anatomy: What the IR needs to know | Bedros Taslakian and Florian Fleckenstein |
| Station 2      | GAE interactive cases                  | Jessica Stewart and Attila Kovacs         |
| Station 3      | Sports injury interactive cases        | Yuji Okuno                                |
| Station 4      | Choices of embolics in GAE             | Mark Little and Leigh Casadaban           |

| 2:30 - 3:00 PM | Exhibits, ePosters and Refreshments Break | Exhibit Hall, 2nd Floor |
|----------------|-------------------------------------------|-------------------------|
|----------------|-------------------------------------------|-------------------------|

| 3:00 - 4:30 PM                                 | Session XXII: Women's Health                                                    | Metro East Ballroom, 2nd Floor |
|------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------|
| <b>Moderators: James Spies and Miyuki Sone</b> |                                                                                 |                                |
| 3:00 - 3:10 PM                                 | UFE: After 25 years of UFE, why are there still so many surgeries for fibroids? | Gary Siskin                    |
| 3:10 - 3:20 PM                                 | Where does medical management fit into fibroid management?                      | Ja Hyun Shin                   |
| 3:20 - 3:30 PM                                 | RFA of fibroids: The newest challenge to UFE                                    | Jin Hee Kim                    |
| 3:30 - 3:40 PM                                 | UAE for adenomyosis: Are the results now equal to fibroids                      | Man-Deuk Kim                   |
| 3:40 - 3:50 PM                                 | Pelvic venous disease: Update on therapeutic outcomes                           | Lindsay Machan                 |
| 3:50 - 4:00 PM                                 | New frontiers in women's interventions: Breast interventions                    | Miyuki Sone                    |
| 4:10 - 4:30 PM                                 | Panel discussion                                                                |                                |

| 3:00 - 4:30 PM <b>Session XXIII: MSK IO</b>         |                                                                                                    | Empire East Ballroom, 2nd Floor |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Moderators: Sean Tutton and Caroline Clausen</b> |                                                                                                    |                                 |
| 3:00 - 3:10 PM                                      | Clinical and technical aspect of embolization for hypervascular bone mets                          | Caroline Clausen                |
| 3:10 - 3:20 PM                                      | Percutaneous management of benign bone tumors                                                      | Jack Jennings                   |
| 3:20 - 3:30 PM                                      | Vertebral metastases: Ablation and augmentation                                                    | Sean Tutton                     |
| 3:30 - 3:40 PM                                      | Ablation of painful bone metastases                                                                | Reza Talaie                     |
| 3:40 - 3:50 PM                                      | Intraoperative Neuromonitoring and Thermoprotection During Ablation of Bone and Soft Tissue Tumors | Alan Sag                        |
| 3:50 - 4:30 PM                                      | Panel discussion                                                                                   |                                 |

| 3:00 - 4:12 PM <b>Abstract Session VIII</b> |                                                                                                                          | New York West Ballroom, 3rd Floor |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 3:00 - 3:06                                 | Outcomes Comparing Imipenem Versus Embospheres for Genicular Artery Embolization of Knee Osteoarthritis                  | Sina Golzarian                    |
| 3:06 - 3:09                                 | Audience Q&A                                                                                                             |                                   |
| 3:09 - 3:15                                 | Genicular Artery Embolization for Knee Osteoarthritis: 1-month Post-Op Outcomes of Imipenem/Cilastatin vs Microspheres   | Torrin Jacobsen                   |
| 3:15 - 3:18                                 | Audience Q&A                                                                                                             |                                   |
| 3:18 - 3:24                                 | Initial experience of transarterial embolization for shoulder musculoskeletal pain using a lipiodol-based emulsion       | Tom Boeken                        |
| 3:24 - 3:27                                 | Audience Q&A                                                                                                             |                                   |
| 3:27 - 3:33                                 | Synovitis in Patients With Persistent Pain After Knee Arthroplasty                                                       | Sheikh Muhammad Usman Shami       |
| 3:33 - 3:36                                 | Audience Q&A                                                                                                             |                                   |
| 3:36 - 3:42                                 | Genicular Artery Embolization for chronic anterior knee pain in Patellofemoral Osteoarthritis                            | Azzurra Paolucci                  |
| 3:42 - 3:45                                 | Audience Q&A                                                                                                             |                                   |
| 3:45 - 3:51                                 | Cryoneurolysis: comparative analysis of symptomatic improvement in cancer vs non-cancer induced upper abdominal pain.    | Shamar Young                      |
| 3:51 - 3:54                                 | Audience Q&A                                                                                                             |                                   |
| 3:54 - 4:00                                 | Outcomes of Genicular Artery Embolization for Osteoarthritis-Related Knee Pain In a Single-Center Outpatient Practice    | Sina Golzarian                    |
| 4:00 - 4:03                                 | Audience Q&A                                                                                                             |                                   |
| 4:03 - 4:09                                 | Post-Operative Fascial Changes after 12 Months in Patients Treated with Transarterial Embolization for Plantar Fasciitis | Torrin Jacobsen                   |
| 4:09 - 4:12                                 | Audience Q&A                                                                                                             |                                   |

| 4:30 - 5:30 PM <b>Session XXIV: PAE 2 (Case Based Review)</b>         |                                       | Metro East Ballroom, 2nd Floor |
|-----------------------------------------------------------------------|---------------------------------------|--------------------------------|
| <b>Moderators: Jafar Golzarian, Tiago Bilhim, Francesco Carnevale</b> |                                       |                                |
| 4:30 - 4:35 PM                                                        | Case 1: With glue                     | Aaron Fischman                 |
| 4:35 - 4:40 PM                                                        | Case 2: With EVOH                     | Marc Sapoval                   |
| 4:40 - 4:46 PM                                                        | Discussion                            |                                |
| 4:46 - 4:51 PM                                                        | Case 3: Coiling for penile protection | Nassir Rostambeigi             |
| 4:51 - 4:56 PM                                                        | Case 4: Case of penile ulcer          | Francesco Carnevale            |
| 4:56 - 5:01 PM                                                        | Discussion                            |                                |
| 5:01 - 5:06 PM                                                        | Case 5: Early recurrence              | Tiago Bilhim                   |
| 5:06 - 5:10 PM                                                        | Discussion                            |                                |
| 5:10 - 5:15 PM                                                        | Case 6: AI assisted vessel mapping    | Jafar Golzarian                |
| 5:15 - 5:19 PM                                                        | Discussion                            |                                |
| 5:19 - 5:24 PM                                                        | Case 7: Neoadjuvant PAE               | Nainesh Parikh                 |
| 5:24 - 5:30 PM                                                        | Discussion                            |                                |

| 4:30 - 5:30 PM <b>Physicians in Training IV: Tips and Tricks for Starting Out</b> |                                                                                                    | Empire East Ballroom, 2nd Floor |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Moderator: Merve Ozen and Ali Alikhani</b>                                     |                                                                                                    |                                 |
| 4:30 - 4:40 PM                                                                    | Looking back: What I wish I'd learned as a trainee                                                 | Merve Ozen                      |
| 4:40 - 4:50 PM                                                                    | Work life balance: Building a successful career without burn-out                                   | Indravadan Patel                |
| 4:50 - 5:00 PM                                                                    | All the options: different practice types                                                          | Ali Alikhani                    |
| 5:00 - 5:10 PM                                                                    | If you build it they will come: How to build a practice from the ground up - PAE?                  | Jason Hoffmann                  |
| 5:10 - 5:20 PM                                                                    | You know how to do the case but do you know how to manage the patient? Primer on clinical IR - PAE | Brian Currie                    |
| 5:20 - 5:30 PM                                                                    | Do's and Don'ts in PAE Clinic                                                                      | Nassir Rostambeigi              |

| 4:30 - 5:30 PM <b>Hands-on Workshop: Particles, Liquids, and Conformables</b> |                                 | Lenox Ballroom, 2nd Floor |
|-------------------------------------------------------------------------------|---------------------------------|---------------------------|
| <b>Faculty: Olivier Pellerin and Aaron Fischman</b>                           |                                 |                           |
| Station 1                                                                     | Boston Scientific               |                           |
| Station 2                                                                     | ABK Biomedical                  |                           |
| Station 2                                                                     | CrannMed                        |                           |
| Station 3                                                                     | Guerbet                         |                           |
| Station 4                                                                     | Balt                            |                           |
| Station 5                                                                     | Varian                          |                           |
| Station 6                                                                     | Fluidx Medical Technology, Inc. |                           |
| Station 7                                                                     | Sirtex                          |                           |
| Station 8                                                                     | Terumo Medical                  |                           |
| Station 9                                                                     | QXMédical                       |                           |
| Station 10                                                                    | Merit Medical Systems, Inc.     |                           |

| 5:30 - 6:30 PM <b>Women in IR Networking Reception<br/>Sponsored by GE Healthcare</b> |  | Empire West Ballroom, 2nd Floor |
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# Sunday, May 18, 2025

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|---------------------------------------------------|----------------------------------------------------|--------------------------------|
| 8:30 - 10:00 AM                                   | <b>Focused Hot Topic MSK: GAE (All About GAE)</b>  | Metro East Ballroom, 2nd Floor |
| <b>Moderators: Jafar Golzarian and Yuji Okuno</b> |                                                    |                                |
| 8:30 - 8:40 AM                                    | Non surgical treatment of KOA: State of the art    | Bedros Taslakian               |
| 8:40 - 8:50 AM                                    | Rationale for GAE                                  | Leigh Casadaban                |
| 8:50 - 9:00 AM                                    | Basic of IR clinic for KOA                         | Marc Sapoval                   |
| 9:00 - 9:10 AM                                    | Technique from A to Z, including choice of embolic | Jafar Golzarian                |
| 9:10 - 9:20 AM                                    | How to create my practice                          | Attila Kovacs                  |
| 9:20 - 9:30 AM                                    | Current results                                    | Mark Little                    |
| 9:30 - 10:00 AM                                   | Panel discussion                                   |                                |

|                  |                           |                        |
|------------------|---------------------------|------------------------|
| 10:00 - 10:30 AM | <b>Refreshments Break</b> | Metro Foyer, 2nd Floor |
|------------------|---------------------------|------------------------|

|                                                 |                                                                                                                           |                                |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| 10:30 - 12:00 PM                                | <b>Focused Hot Topic MSK: Shoulder, Elbow and Sports Injuries, Upper and Lower Limb Tendinopathy, and Sports Injuries</b> | Metro East Ballroom, 2nd Floor |
| <b>Moderators: Marc Sapoval and Mark Little</b> |                                                                                                                           |                                |
| 10:30 - 10:40 AM                                | Adhesive capsulitis all you need to know (physio pathology, clinic, work up and patient selection)                        | Ana Fernandez Martinez         |
| 10:40 - 10:50 AM                                | Adhesive casulitis and bursitis, step by step (TK and anatomy)                                                            | Ana Fernandez Martinez         |
| 10:50 - 11:00 AM                                | Rationale technique and results for Tennis Elbow                                                                          | TBC                            |
| 11:00 - 11:10 AM                                | Jumper's knee, Pes anserine...: Technique and results                                                                     | Yuji Okuno                     |
| 11:10 - 11:20 AM                                | Hip OA/greater trochanter: Is there a role for embolization?                                                              | Yuji Okuno                     |
| 11:20 - 11:30 AM                                | Technique and results in plantar fasciitis and achilles tendinopathy                                                      | Florian Fleckenstein           |
| 11:30 - 12:00 PM                                | Panel discussion                                                                                                          |                                |