

MAY 15-18 NEW YORK CITY

GLOBAL EMBOLIZATION SYMPOSIUM & TECHNOLOGIES

Thursday, May 15, 2025

7:00 - 8:00 AM	Physicians in Training I: Intro to Trainee Program & Case Competition I	Empire East Ballroom, 2nd Floor
Judges: Claire Ka	ufman and Merve Ozen	
8:00 - 9:30 AM	Session I: Masterclass Coils	Metro East Ballroom, 2nd Floor
Moderators: Jafar	Golzarian and Charles Ray	

Demonstrators: Marc Sapoval, Gary Siskin, Anuj Malhotra		
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 + Dania Daye + William Rilling + Guy Johnson + Parag Patel

10:00 - 11:30 AM	Session II: Vanguard & Honorary Lecture	Metro East Ballroom, 2nd Floor
Moderators: Jafar	Golzarian, Marc Sapoval, Beau Toskich, Gary Siskin	
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 Sapova
11:05 - 11:30 AM	Honorary lecture	Helene Vernhet Kovacsik

10:00 - 11:30 AM Abstract Session I

1:00 - 2:30 PM	Session III: Masterclass Plugs and Stent Grafts: Prepare your way to Better Outcomes	Metro East Ballroom, 2nd Floor
Moderator: Jafar (Golzarian	
Demonstrators: M	arc Sapoval, Gary Siskin, Anuj Malhotra	
1:00 - 1:10 PM	When do I use as a primary intention: Why	Geert Maleux
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:	Hicham Abada, Bulent Arslan,
	The ones I have on the shelf	Justin McWilliams, Brian Funaki,
	How I close high flow	— Vivian Bishay

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 Atilla Kovacs
Station 2	Anatomy slide review	Nassir Rostambeigi and John DeMeritt
Station 3	Tips and tricks for complex cases	Justin McWilliams and 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 - 2:30 PM Abstract Session II

3:00 - 4:20 PM	Session IV: Vascular Malformations	Metro East Ballroom, 2nd Floor
Moderators: She	lie Josephs and Josee Dubois	
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	Raju Heran
3:50 - 4:00 PM	Bleomycin: Side effects	Josee Dubois
4:00 - 4:20 PM	Panel discussion	

3:00 - 4:20 PM	Session V: HCC I	Empire East Ballroom, 2nd Floor	
Moderators: Robert Lewandowski and Beau Toskich			
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		

Hands-on Workshop: Coils and Plugs

Lenox Ballroom, 2nd Floor

Faculty: Venkatesh Krishnasamy and Jon Davidson

3:00 - 4:20 PM Abstract Session III

New York West Ballroom, 3rd Floor

4:30 - 5:30 PM	Session VI: GI Bleed	Metro East Ballroom, 2nd Floor
Moderators: Roma	ric Loffroy and Brian Funaki	
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	Geert Maleux
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	

4:30 - 5:30 PM	Session VII: HCC and Beyond	Empire East Ballroom, 2nd Floor	
Moderator: Daniel Sze			
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	ТВС	
4:50 - 5:00 PM	Best approach: Treating HCC > 5 cm	Boris Guiu	
5:00 - 5:10 PM	Can IR help to get more patients with ICCa to resection	Daniel Sze	
5:10 - 5:20 PM	Benign masses (FNH adenoma hemangioma)	Donna D'Souza	
5:20 5:30 PM	Panel discussion		

5:30 - 6:30 PM	Session VIII: TARE Dosimetry	Metro East Ballroom, 2nd Floor
Moderators: Sham	ar Young and Nima Kokabi	
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	TBC
6:20 - 6:30 PM	Panel discussion	

5:30 - 6:30 PM Hands-on Workshop: Radial

Lenox Ballroom, 2nd Floor

Faculty: Shivank Bhatia, Marcelo Guimaraes, Anuj Malhotra

Friday, May 16, 2025

7:00 - 8:00 AM Physicians in Training II: Case Competition II

Empire East Ballroom, 2nd Floor

Judges: Claire Kaufman and Merve Ozen

8:00 - 9:30 AM	Session IX: Masterclass IO Vascular: Master your way out of Mystery: Emulate the Masters	Metro East Ballroom, 2nd Floor
Moderators: Kamı	an Ahrar and Robert Lewandowski	
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 lezzi, Siddharth Padia, 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 lezzi
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 + Ed Kim, Siddharth Padia, Nadine Abi-Jaoudeh

8:00 - 9:00 AM	Physicians in Training III: Ops: Case Based Discussion When Things Go South in the IR Suite	Empire East Ballroom, 2nd Floor
Moderators: Merve	Ozen and Claire Kaufman	
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	Last minute saves: Turning around the disaster	Chris Rogan
8:30 - 8:40 AM	Bailouts: Help from other specialties	Claire Kaufman
8:40 - 8:50 AM	What I have learned over the years when something goes wrong	Amy Taylor
8:50 - 9:00 AM	Panel discussion	

10:00 - 11:30 AM	Session X: PAE	Metro East Ballroom, 2nd Floor
Moderators: Shiva	nk Bhatia and Marc Sapoval	
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 11:00 - 11:05 AM 11:05 - 11:10 AM	Debate: Liquid Embolics for PAE Pro Con	Romaric Loffroy Clare Bent
11:10 - 11:30 AM	 Panel discussion Contracting with the payers Do we need a contract with a hospital as a back-up ? Material selection C-arm of Fixed angiosuite? How to ensure good practice rules 	

• Marketing Tips and Tricks

10:00 - 11:30 AM **Session XI: OEIS** Empire East Ballroom, 2nd Floor Moderators: Jafar Golzarian, Jerry Niedzwiecki, Bret Wiechmann 10:00 - 10:10 AM Aaron Kovaleski Office based lab (OBL): Where to start 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 Bret Wiechmann Staffing and management 11:00 - 11:30 AM Panel discussion Speakers + Justin Lesh

10:00 - 11:30 AM Abstract Session IV

1:00 - 2:30 PM	Session XII: Masterclass Particles, Resorbables, and Visible	Metro East Ballroom, 2nd Floor
Moderators: Lindsay Machan and Miyuki Sone		
Demonstrators: Ma	rc 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, Man-Deuk Kim, Mark Little, Marcelo Guimaraes

1:00 - 2:30 PM	Learn From the Expert: Lymphatic	Lenox Ballroom, 2nd Floor
Station 1	Hands on lymph node access	Maxim Itkin
Station 2	Hands on TD access	Gregory Nadolski
Station 3	Non-traumatic chylothorax algorithm and interative 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 - 2:30 PM Abstract Session V

New York West Ballroom, 3rd Floor

3:00 - 4:30 PM	Session XIII: Hemorrhoid Embolization	Metro East Ballroom, 2nd Floor
Moderators: Vince	nt Vidal and Jafar Golzarian	
3:00 - 3:10 PM	Medical and surgical options	ТВС
3:10 - 3:20 PM	Consultation: patients selection and expectation	Vincent Vidal
3:20 - 3:30 PM	Tips and tricks for RA embolization & Special cases: anatomy, indication, materials	Scott Thompson
3:30 - 3:40 PM	Level of evidence in 2025	Clare Bent
3:40 - 3:50 PM	Trans-anal sclerotherapy: Technique and results	Karim Abd El Tawab
3:50 - 4:30 PM	Panel discussion	

3:00 - 4:30 PM	Session XIV: Kidney: Onco and Non-onco	Empire East Ballroom, 2nd Floor
Moderators: Kamran Ahrar and Brad Wood		
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	Brad Wood
3:20 - 3:30 PM	Adjunctuve technique and complications fo renal tumor ablation	Ron Arellano
3:30 - 3:40 PM	When and how to treat renal AML	Sevrou Ganguli
3:40 - 3:50 PM	Renal embolization for benign diseases	Uei Pua
3:50 - 4:30 PM	Panel discussion	

3:00 - 4:30 PM Abstract Session VI

4:30 - 5:30 PM	Session XV: Liver Mets	Metro East Ballroom, 2nd Floor
Moderators: William	n Rilling and Siddharth Padia	
4:30 - 4:40 PM	ls it time to contend that ablation is equivalent to resection (collission, acclaim etc.) for mCRC	Martijn Meijerink
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	Siddharth Padia
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	Session XVI: Abdominal and Pelvic Trauma	Empire East Ballroom, 2nd Floor
Moderators: Jose L	Jrbano, Ahmed Abdel Aal, and Marc Sapoval	
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	Chris Rogan
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 **Session XVII: Research Session:** Empire East Ballroom, 2nd Floor Update on AI in Embo and IO Moderators: Tom Boeken, Okan Ince, Shamar Young, Brad Wood 5:30 - 5:40 PM Top concepts in AI: Understand the words to navigate the AI Marc Sapoval literature 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 Al-driven assistant Rajesh Bhayana 6:00 - 6:10 PM Robotics and Al: Game changer for the future **Baptiste Bonnet** 6:10 - 6:30 PM Panel discussion

Saturday, May 17, 2025

8:30 - 10:00 AM	Session XVIII: Masterclass Liquids and Conformables	Metro East Ballroom, 2nd Floor
Moderators: Jafar	Golzarian and Helene Vernhet Kovacsik	
Demonstrators: Ma	arc Sapoval, Gary Siskin, Anuj Malhotra	
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, Sevrou Ganguli

10:30 - 11:45 AM	Session XVIII: Portal interventions	Metro East Ballroom, 2nd Floor
Moderators: Bulent Arslan and Wael Saad		
10:30 - 10:40 AM	To the conservative: Where should they use ICE guidance for \ensuremath{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	

10:30 - 11:45 AM Abstract Session VII: Best Scientific Abstracts & Awards

Empire East Ballroom, 2nd Floor

Moderators: Shamar Young and Erik Cressman

1:00 - 2:30 PM	Session XX: Masterclass Imaging Tools, Guidance, Robotics, and Augmented Reality	Metro East Ballroom, 2nd Floor
Moderators: Sean	Tutton and Nadine Abi-Jaoudeh	
1:00 - 1:10 PM	Al assisted vessel mapping	Brad Wood
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	Bruno Odisio
1:40 - 2:05 PM	My tips and tricks using vessel mapping and CBCT - Philips	Hicham Kobeiter
	My tips and tricks using vessel mapping and CBCT - GE	Charles Nutting
	My tips and tricks using vessel mapping and CBCT - Siemens	Bernhard Meyer
2:05 - 2: 30 PM	Panel discussion	
1:00 - 2:30 PM	Session XXI: Lymphatic Interventions	Empire East Ballroom, 2nd Floor

	oussion AAL Lymphano mici vomions	
Moderator: Geert M	aleux and Lakshmi Ratnam	
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	Caroline Clausen and Osman Ahmed
Station 3	Sports injury interactive cases	Yuji Okuno
Station 4	Choices of embolics in GAE	Mark Little and Leigh Casadaban

3:00 - 4:30 PM	Session XXII: Women's Health	Metro East Ballroom, 2nd Floor
Moderators: James	s Spies and Miyuki Sone	
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	Tamatha Fenster
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	Ron Winokur
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	Session XXIII: MSK IO	Empire East Ballroom, 2nd Floor
Moderators: Sean	Tutton and Caroline Clausen	
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 - 4:30 PM	Panel discussion	

3:00 - 4:30 PM Abstract Session VIII

New York West Ballroom, 3rd Floor

4:30 - 5:30 PM	Session XXIV: PAE 2 (Case Based Review)	Metro East Ballroom, 2nd Floor
Moderators: Jafar	Golzarian, Tiago Bilhim, Francesco Carnevale	
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: Al 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	Physicians in Trainin	g IV: Tips and Tricks for Starting O	ut Empire East Ballroom, 2nd Floor
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Moderator: Merve	Ozen and Ali Alikhani	
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 Hands-on Workshop: Particles, Liquids, and Conformables Lenox Ballroom, 2nd Floor

Faculty: Olivier Pellerin and Aaron Fischman

Sunday, May 18, 2025

8:30 - 10:00 AM	Focused Hot Topic MSK: GAE (All About GAE)	Metro East Ballroom, 2nd Floor
Moderators: Jafar	Golzarian and Yuji Okuno	
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	Speakers + Caroline Clausen
10:30 - 12:00 PM	Focused Hot Topic MSK: Shoulder, Elbow and Sports Injuries, Upper and Lower Limb Tendinopahy, and Sports Injuries	Metro East Ballroom, 2nd Floor
	Injuries, Upper and Lower Limb Tendinopahy, and Sports Injuries	Metro East Ballroom, 2nd Floo
Moderators: Marc S	Injuries, Upper and Lower Limb Tendinopahy,	Metro East Ballroom, 2nd Floor Ana Fernandez Martinez
<mark>Moderators: Marc S</mark> 10:30 - 10:40 AM	Injuries, Upper and Lower Limb Tendinopahy, and Sports Injuries Sapoval and Mark Little Adhesive capsulitis all you need to know (physio pathology, clinic, work up and patient selection)	
Moderators: Marc S 10:30 - 10:40 AM 10:40 - 10:50 AM	Injuries, Upper and Lower Limb Tendinopahy, and Sports Injuries Sapoval and Mark Little Adhesive capsulitis all you need to know (physio pathology, clinic, work up and patient selection)	Ana Fernandez Martinez
<mark>Moderators: Marc S</mark> 10:30 - 10:40 AM 10:40 - 10:50 AM 10:50 - 11:00 AM	Injuries, Upper and Lower Limb Tendinopahy, and Sports Injuries Sapoval and Mark Little Adhesive capsulitis all you need to know (physio pathology, clinic, work up and patient selection) Adhesive casulitis and bursitis, step by step (TK and anatomy)	Ana Fernandez Martinez Ana Fernandez Martinez
	Injuries, Upper and Lower Limb Tendinopahy, and Sports Injuries Sapoval and Mark Little Adhesive capsulitis all you need to know (physio pathology, clinic, work up and patient selection) Adhesive casulitis and bursitis, step by step (TK and anatomy) Rationale technique and results for Tennis Elbow	Ana Fernandez Martinez Ana Fernandez Martinez Siddharth Padia
Moderators: Marc 9 10:30 - 10:40 AM 10:40 - 10:50 AM 10:50 - 11:00 AM 11:00 - 11:10 AM	Injuries, Upper and Lower Limb Tendinopahy, and Sports Injuries Sapoval and Mark Little Adhesive capsulitis all you need to know (physio pathology, clinic, work up and patient selection) Adhesive casulitis and bursitis, step by step (TK and anatomy) Rationale technique and results for Tennis Elbow Jumper's knee, Pes anserine: Technique and results	Ana Fernandez Martinez Ana Fernandez Martinez Siddharth Padia Yuji Okuno