

**Robotics in Advanced Surgical Technologies 2023**

**April 14-16, 2023**

**JW Marriott Bonnet Creek**

**Orlando, Florida**

*All Times in Eastern Time (ET)*

Friday, April 14, 2023						
Start	End	Description				Faculty
6:30 AM	5:00 PM	Registration				
6:30 AM	7:30 AM	Breakfast				
7:50 AM	8:00 AM	<b>Welcome and Introductions</b>				Mathew Thomas, M.B.B.S., M.D., Mayo Clinic Jacksonville Enrique F. Elli, M.D., Mayo Clinic Jacksonville
8:00 AM	8:30 AM	<b>OR of the Future</b>				Pier Cristoforo Giulianotti, M.D., University of Illinois at Chicago
8:30 AM	9:00 AM	<b>Cloud and Big Data in Healthcare</b>				John D. Halamka, M.D., M.S., President of Mayo Clinic Platform
9:00 AM	9:30 AM	<b>AI in Surgery</b>				Andrew J. Hung, M.D., University of Southern California Health Sciences Campus
9:30 AM	10:00 AM	<b>Q&amp;A Session</b>				
10:00 AM	10:30 AM	Break and Exhibit Hall				
Concurrent Breakout Sessions						
		<b>General Surgery – Bariatrics</b> <i>Enrique F. Elli, M.D.</i>	<b>Orthopedics Technology Session</b> <i>Cameron K. Ledford, M.D.</i>	<b>Thoracic Surgery</b> <i>Mathew Thomas, M.B.B.S., M.D.</i>	<b>Gynecology</b> <i>Tri A. Dinh, M.D.</i>	<b>Admin/OR</b> <i>Mathew Thomas, M.B.B.S., M.D.</i>
10:30 AM	12:20 PM	<b>Rationale of robotic roux n y gastric bypass</b> Carlos Galvani, M.D., Tulane University School of Medicine	<b>TKA Technologies</b> Cameron K. Ledford, M.D., Mayo Clinic Jacksonville	<b>Robotic Bronchoscopy and Confocal Laser Endomicroscopy</b> Sebastian Fernandez-Bussy, M.D., Mayo Clinic Jacksonville	<b>Tackling Deep Infiltrating Endometriosis without wanting to DIE (25 min)</b> Megan N. Wasson, D.O., FACOG, Mayo Clinic Arizona	<b>0 to 10,000: How We Did It (15 min)</b> Melissa D. Rado, M.S.N., R.N., CNOR, Mayo Clinic Jacksonville Rebecca L. Holochwost, R.N., CNOR, Mayo Clinic Jacksonville
		<b>Are there any advantages for robotic sleeve gastrectomy?</b> Michael A. Edwards, M.D., Mayo Clinic Jacksonville	<b>Stryker MAKO</b> Cedric J. Ortiguera, M.D., Mayo Clinic Jacksonville	<b>Robotic Bronchoscopy: How I do It</b> Erik Folch, M.D., Massachusetts General Hospital Kenneth K. Sakata, M.D., Mayo Clinic Arizona	<b>Training Robotic Surgeons, how to teach ourselves and others (25 min)</b> Mateo G. Leon, M.D., UT Health Houston	<b>Scaling a Robotic Practice (20 min)</b> Weston S. Gray, M.S., M.B.A., Mayo Clinic Jacksonville Michael P. Martenson, M.B.A., Mayo Clinic Arizona Tiffany M. Horton, M.A., Mayo Clinic Rochester
		<b>Robotic Duodenal Switch and SADI</b> Enrique F. Elli, M.D., Mayo Clinic Jacksonville	<b>ZB ROSA</b> Kelly Hendricks, M.D., HCA Healthcare	<b>Developing a robotic bronch program: Lessons learned</b> Sebastian Fernandez-Bussy, M.D., Mayo Clinic Jacksonville Kenneth K. Sakata, M.D., Mayo Clinic Arizona	<b>How to Create Wonderful Videos to Teach Gynecologic Surgery (25 min)</b> Jeffrey Woo, M.D., Eastern Virginia Medical School	<b>Managing a Robotics Practice Through the Pandemic (20 min)</b> Weston S. Gray, M.S., M.B.A., Mayo Clinic Jacksonville Michael P. Martenson, M.B.A., Mayo Clinic Arizona Tiffany M. Horton, M.A., Mayo Clinic Rochester
		<b>Revisonal Bariatric Surgery</b> Maher M. El Chaar, M.D., St. Luke's Weight Management Center, Allentown, PA	<b>Smith and Nephew CORI</b> Jaime Carvajal-Alba, M.D., University of Miami	<b>Localization of lung nodules: How I do It</b> Mathew Thomas, M.B.B.S., M.D., Mayo Clinic Jacksonville	<b>Robotic Training Network (25 min)</b> Marty Martino, M.D., Ascension Health, Jacksonville Florida	<b>Automation in Supply Chain (15 min)</b> Mark M. Muraco, M.B.A., Mayo Clinic Arizona Todd E. Brandt, Mayo Clinic Rochester
		<b>New techniques and approaches to robotic bariatric Surgery</b> Carlos Galvani, M.D., Tulane University School of Medicine	<b>DJO ARVUS</b> Michael J. Taunton, M.D., Mayo Clinic Rochester	<b>Uniportal Robotic Thoracic Surgery: A New Era</b> Joel Dunning, FRCS, Ph.D., James Cook University Hospital, United Kingdom	<b>Urogynecology- is robotics helpful? (25 min)</b> Olivia O. Cardenas-Trowers, M.D., Mayo Clinic Jacksonville	<b>Safety during Robotic Surgery (15 min)</b> Ingrid L. Rodgers, APRN, CRNA, D.N.P., Mayo Clinic Jacksonville Danielle B. Hickman, APRN, CRNA, D.N.P., Mayo Clinic Jacksonville
		<b>Robotic endoluminal techniques</b> Enrique F. Elli, M.D., Mayo Clinic Jacksonville	<b>THA Technologies</b> <b>Stryker MAKO for THA</b> Cynthia A. Kahlenberg, M.D., MPH, Hospital for Special Surgery, Stamford, CT	<b>Robotic Tracheobronchoplasty: How I do It</b> Mathew Thomas, M.B.B.S., M.D., Mayo Clinic Jacksonville Richard Lazzaro, M.D., Barnabas Health	<b>Panel Discussion (25 min)</b> Marty Martino, M.D., Ascension Health, Jacksonville, FL	<b>Robotics Program Support: Roles and Values (15 min)</b> Emily Thomson, MHA, Barnes-Jewish Hospital

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			<p><b>ZB ROSA</b> Luke S. Spencer Gardner, M.D., Mayo Clinic Jacksonville</p> <p><b>DJO ARvus</b> Kevin Wang, M.D., Holly Cross Health, Oakland Park, Florida</p> <p><b>Discussion/Questions</b></p> <p><b>Advanced Surgical Technologies</b> <b>Navigation for TSA</b> Bradley S. Schoch, M.D., Mayo Clinic Jacksonville</p> <p><b>Patient Specific Instrumentation for Total Ankle Replacement</b> Edward T. Haupt, M.D., Mayo Clinic Jacksonville</p> <p><b>3D Printed Guides in Oncology</b> Benjamin K. Wilke, M.D., Mayo Clinic Jacksonville</p> <p><b>Discussion/Questions</b></p> <p><b>Artificial Intelligence and Predictive Modeling in Orthopedics Patient Engagement Platforms</b></p> <p><b>AI/Predictive Modeling for Hip/Knee Outcomes</b> Cody C. Wyles, M.D., Mayo Clinic Rochester</p> <p><b>AI/Predictive Modeling for Shoulder Outcomes</b> Bradley S. Schoch, M.D., Mayo Clinic Jacksonville</p>			
12:20 PM	1:30 PM	Lunch				
<b>Concurrent Breakout Sessions</b>						
		<b>General Surgery – HPB</b> <i>Enrique F. Elli, M.D.</i>	<b>Neurosurgery</b> <i>Selby G. Chen, M.D.</i>	<b>Thoracic Surgery</b> <i>Mathew Thomas, M.B.B.S., M.D.</i>	<b>Gynecology</b> <i>Tri A. Dinh, M.D.</i>	<b>Admin/OR</b> <i>Mathew Thomas, M.B.B.S., M.D.</i>
1:30 PM	2:45 PM	<b>Growth of Robotics in Surgery: Pathway to Excellence and Overcoming the Ceiling Effect of Laparoscopy</b> John B. Martinie, M.D., Atrium Health Levine Cancer Institute	<b>Overview of robotics in neurosurgery</b> Selby G. Chen, M.D., Mayo Clinic Jacksonville	<b>Robotic Segmentectomy I</b> <b>Right Upper Lobe</b> <b>Right Lower Lobe</b> Ian A. Makey, M.D., Mayo Clinic Jacksonville Luis J. Herrera, M.D., Orlando Health	<b>Robotic Debulking Surgery (25 min)</b> Peter C. Lim, M.D., Venter of Hope, Reno, NV	<b>Advanced Care at Home (30 min)</b> Gregory R. Belliles, Jr. M.B.A., Mayo Clinic Jacksonville Ellen A. Love, M.H.A., Mayo Clinic Jacksonville

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		<b>Advanced Simulation Based Training Program for Robotic Surgery; Robotic Pancreaticoduodenectomy</b> Melissa Ellen Hogg, M.D., Northshore University	<b>Robotically assisted awake spinal surgery</b> Kingsley O. Abode-Iyamah, M.D., Mayo Clinic Jacksonville	<b>Robotic Segmentectomy II Left Upper Lobe Left Lower Lobe</b> Staci E. Beamer, M.D., Mayo Clinic Arizona Luis Tapias, M.D., Mayo Clinic Rochester	<b>How I incorporated the robot into my interval debulking surgery + HIPEC (25 min)</b> Tri A. Dinh, M.D., Mayo Clinic Jacksonville	
		<b>Robotic Liver Resection for Treatment of Liver Tumors. Training, Learning Curve, and Program Implementation</b> Iswanto Sucandy, M.D., Advent Health	<b>Robotics in spinal deformity</b> Ian A. Buchanan, M.D., Mayo Clinic Jacksonville	<b>3D printing in Thoracic Surgery</b> Mathew Thomas, M.B.B.S., M.D., Mayo Clinic Jacksonville	<b>Robotic Infrarenal Para-aortic Lymphadenectomy for endometrial cancer, why do we still teach it? (25 min)</b> Robert Holloway, M.D., Advent Health, Orlando, Florida	<b>Tele-Medicine: Past, Present and Future, Lessons from Trenches – Panel Discussion (45 min)</b> Ami A. Grek, APRN, D.N.P., Mayo Clinic Jacksonville Krzysztof Laudanski, M.D., Ph.D., Mayo Clinic Rochester Rithvi Melanta, Mayo Clinic Jacksonville Devang K. Sanghavi, M.B.B.S., M.D., Mayo Clinic Jacksonville Vitaly Herasevich, M.D., Ph.D., Mayo Clinic Rochester
2:45 PM	3:05 PM	Break and Exhibit Hall				
<b>Concurrent Breakout Sessions</b>						
		<b>General Surgery – Hernia</b> <i>Enrique F. Elli, M.D.</i>	<b>Neurosurgery</b> <i>Selby G. Chen, M.D.</i>	<b>CT Surgery (Thoracic)</b> <i>Mathew Thomas, M.B.B.S., M.D.</i>	<b>Gynecology</b> <i>Tri A. Dinh, M.D.</i>	<b>Admin/OR</b> <i>Mathew Thomas, M.B.B.S., M.D.</i>
3:05 PM	4:45 PM	<b>Robotic Inguinal Hernia Repair</b> Maria Linnaus, M.D., Mayo Clinic Health System	<b>Next generation of robotic platforms</b> Jon J.W. Yoon, M.D., MSc, Penn Medicine	<b>Robotic first rib resection</b> Andrew T. Arndt, M.D., Northwestern Medicine	<b>Casual Conversations in Management of Vascular Injuries From a Gynecologic Standpoint. (25 min)</b> Paul M. Magtibay, M.D., Mayo Clinic Arizona	<b>Robotics Training for OR staff – How We Do It – Panel Discussion (45 min)</b> Emily Thomson, MHA, Barnes-Jewish Hospital Rebecca L. Holochwost, R.N., CNOR, Mayo Clinic Jacksonville Melissa D. Rado, M.S.N., R.N., CNOR, Mayo Clinic Jacksonville
		<b>rTAPP Ventral Hernia Repair – Indications and Tips for Success</b> Anthony L. Murante, M.D., University of Nebraska Medical Center	<b>3D printing in spinal surgery</b> Eric W. Nottmeier, M.D., Mayo Clinic Jacksonville	<b>AR/VR in Thoracic Surgery</b> Mathew Thomas, M.B.B.S., M.D., Mayo Clinic Jacksonville	<b>Fistulas - Management of This Complication Using The Robotic Platform (25 min)</b> Sherif A. El Nashar, M.B., B.Ch., M.D., Mayo Clinic Jacksonville	
		<b>Robotic Retrorectus Ventral Hernia Repair</b> Michael Wes Love, M.D., Prisma Health	<b>Customized interbody implants for spinal deformity</b> Selby G. Chen, M.D., Mayo Clinic Jacksonville	<b>State of robotic Surgery in Latin America</b> Ricardo Mingarini Terra, MD, MPH, PhD, University of Sao Paulo Medical School - Sao Paulo Cancer Institute	<b>Robotic Myomectomy and How Is It Better (or Not) Than Other Methods (25 min)</b> Aakriti R. Carrubba, M.D., Mayo Clinic Jacksonville	<b>Overcoming the Cost and Value Proposition of Robotic Surgery (30 min)</b> David D. Thiel, M.D., Mayo Clinic Jacksonville
		<b>Robotic Transversus Abdominis Release in Abdominal Wall Reconstruction</b> David G. Pearson, M.D., Mayo Clinic Arizona  Videos on robotic TARS and complex hernias Michael A. Edwards, M.D., Mayo Clinic Jacksonville	<b>Abstract Presentations</b>	<b>Robotic Diaphragm Plication</b> Ian A. Makey, M.D., Mayo Clinic Jacksonville Staci E. Beamer, M.D., Mayo Clinic Arizona  <b>My most challenging robotic case</b> Ricardo Mingarini Terra, MD, MPH, PhD, University of Sao Paulo Medical School - Sao Paulo Cancer Institute  Luis J. Herrera, M.D., Orlando Health	<b>Surgical Planning for Robotic Myomectomy Success (25 min)</b> Traci E. Ito, MD, UCSF Health, San Francisco, CA	
4:45 PM	5:15 PM	Abstract Session				

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5:15 PM	6:30 PM	Welcome Reception
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Saturday, April 15, 2023						
Start	End	Description				Faculty
6:30 AM	5:00 PM	Registration				
6:45 AM	7:45 AM	Breakfast				
7:45 AM	7:50 AM	Welcome				
<b>New Technology Session</b>						
7:50 AM	8:00 AM	<b>3D printing for clinical use (10 min)</b>				Robert A. Pooley, Ph.D., Mayo Clinic Jacksonville
8:00 AM	8:10 AM	<b>3D Printing in simulation-based training (10 min)</b>				William Clifton, M.D., Cleveland Clinic
8:10 AM	8:15 AM	<b>Q&amp;A Session (5 min)</b>				
8:20 AM	8:25 AM	<b>STR-X fellowship (10 min)</b>				William D. Freeman, M.D., Mayo Clinic Jacksonville
8:25 AM	8:35 AM	<b>Military Medical VR haptics training (10 min)</b>				Shane Taber, Engineering & Computer Simulations
8:35 AM	8:45 AM	<b>Web-based surgical training (10 min)</b>				Joep Knol, M.D., Ph.D., WebSurg, Belgium
8:45 AM	8:55 AM	<b>State of Robotics in Pediatric Surgery (10 min)</b>				Patrick Thomas, M.D., FACS, University of Nebraska Medical Center
8:55 AM	9:05 AM	<b>Q&amp;A Session (10 min)</b>				
9:05 AM	9:15 AM	<b>Digital and 3D printing in Pathology (10 min)</b>				Joseph J. Maleszewski, M.D., Mayo Clinic Rochester
9:15 AM	9:25 AM	<b>Intraoperative molecular imaging (10 min)</b>				Jarrod D. Predina, M.D., University of Pennsylvania
9:25 AM	9:30 AM	<b>Q&amp;A Session (5 min)</b>				
9:30 AM	9:50 AM	Break and Exhibit Hall				
Concurrent Breakout Sessions						
		General Surgery – Foregut <i>Enrique F. Elli, M.D.</i>	Urology Session <i>Raymond W. Pak, M.D., M.B.A.</i>	CT Surgery (Cardiac) <i>Arman Arghami, M.D., M.P.H.</i>	Gynecology <i>Tri A. Dinh, M.D.</i>	ENT <i>Samip Patel, M.D.</i>
9:50 AM	12:10 PM	<b>Robotic Heller Myotomy</b> Karim Michael Awad, M.D., Washington University School of Medicine	<b>Session I Adoption of new technology in Urology</b>	<b>Robotic Mitral Valve Repair Selection and Setup (20 min)</b> A. Marc Gillinov, M.D., Cleveland Clinic, Ohio	<b>Robotic Assisted Isthmocele Repair (25 min)</b> Jeffrey Woo, M.D., Eastern Virginia Medical School	<b>TORS role in De-escalation Therapy for HPV+ Disease (20 min)</b> Mihir R. Patel, M.D., Emory University Hospital
		<b>Robotic treatment of GERD</b> Christopher Garnet DuCoin, M.D., University of South Florida	<b>Current Landscape of New Robotic Technologies in Urologic Surgery</b> Duke Herrell M.D., Vanderbilt University Medical Center	<b>To Balloon or Not to Balloon (20 min)</b> Arnar Geirsson, M.D., FACS, FAHA, Yale School of Medicine	<b>Abdominal Wall Endometriosis- tips and tricks for complete excision (25 min)</b> Megan N. Wasson, D.O., Mayo Clinic Arizona	<b>TORS: Update for 2023 (20 min)</b> Jeffrey Janus, M.D., Mayo Clinic Jacksonville
		<b>Robotic paraesophageal hernia</b> Carlos Galvani, M.D., Tulane University School of Medicine	<b>Rapid Adoption of SP Robotic Technology: Best Use in Urology</b> Matthew K. Tollefson, M.D., Mayo Clinic Rochester	<b>Simple Robotic Mitral Valve Repair Techniques (20 min)</b> Phillip G. Rowse, M.D., Mayo Clinic Rochester	<b>Tips and Tricks: My Favorite Tips for Robotic Success – West Coast Style (25 min)</b> Afshin Bahador, M.D., Scripps Affiliated Medical Group, San Diego, CA	<b>TORS and the Unknown Primary (20 min)</b> John de Almeida, M.D., FRCSC, MSc, University of Toronto
			<b>Partnering with Industry to Launch New Technologies</b>	<b>Complex Robotic Mitral Valve Repair Techniques (20 min)</b>		

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			(Virtual) Mitchell Humphries M.D., Mayo Clinic Arizona <b>Panel Discussion: How Do We Convince Hospitals to Invest in New Technologies?</b>	Joseph A. Dearani, M.D., Mayo Clinic Rochester <b>Robotic Mid CAB (20 min)</b> Dominic Emerson, M.D., Cedars Sinai, Los Angeles, California			
		<b>Esophageal Diverticulectomy</b> Mathew Thomas, M.B.B.S., M.D., Mayo Clinic Jacksonville	<b>Session II Impact on Training and Practice</b>  <b>Training the Robotic Urologist of Tomorrow: Simulation, Validation and Metrics</b>	<b>Total Endoscopic Robotic Coronary Artery Bypass (20 min)</b> Husam H. Balkhy, M.D., The University of Chicago, Chicago, Illinois	<b>Tips and Tricks from the East Coast (25 min)</b> Marty Martino, M.D., Ascension Health, Jacksonville, FL	<b>New Tech in in Facial Reanimation Surgery (20 min)</b> Matthew Q. Miller, M.D., University of North Carolina	
		<b>New endoluminal techniques</b> Steven Bowers, M.D., Mayo Clinic Jacksonville	Andrew J. Hung, M.D., University of Southern California Health Sciences Campus	<b>How to Avoid Complications and When to Convert (20 min)</b> Richard C. Daly, M.D., Mayo Clinic Rochester	<b>Presentation Tile TBA (25 min)</b> Paul M. Magtibay, M.D., Mayo Clinic Arizona	<b>Advances and Innovation in Microsurgery (50 min)</b> Ralph Gilbert, M.D., FRCSC, BSc, University of Toronto	
		<b>Robotic gastric bypass without assistant port: The Robotic caddy device</b> Steven Bowers, M.D., Mayo Clinic Jacksonville	<b>Adopting New Techniques in Practice: The Holmium Laser Enucleation Learning Curve</b>				
		<b>Revisional Foregut</b> Karim Michael Awad, M.D., Harvard Vanguard Kenmore	(Virtual) Chandler Dora, M.D., Mayo Clinic Jacksonville  <b>Investing in New Technologies in Private Practice</b> Ali Kasraeian, M.D., F.A.C.S., Kasraeian Urology		<b>Unedited Video Presentation of Difficult Case (25 min)</b> Peter C. Lim, MD, Center of Hope, Reno, NV	Q&A Sessions	
12:10 PM	1:30 PM	Lunch	<b>Concurrent Breakout Sessions</b>				
		<b>General Surgery</b> <i>Enrique F. Elli, M.D.</i>	<b>Urology Session</b> <i>Raymond W. Pak, M.D., M.B.A.</i>	<b>Cardiac Session</b> <i>Arman Arghami, M.D., M.P.H.</i>	<b>Colorectal</b> <i>Amit Merchea, M.D.</i>	<b>ENT</b> <i>Samip Patel, M.D.</i>	
1:30 PM	2:45 PM	<b>Robotic Surgery from an Open/Lap Surgeon's Standpoint – the Struggle!</b> John A. Stauffer, M.D. Mayo Clinic Jacksonville	<b>Session III Robotics in Oncologic Urologic Surgery</b>  <b>Evolution of Robotic Radical Prostatectomy: Anterior, Posterior, Retzius-Sparing, Hood Technique</b> Vipul Patel M.D., Celebration Hospital, Global Robotics Institute	<b>How to Start a Robotic Cardiac Surgery Program (20 min)</b> T. Sloane Guy, M.D., MBA, Georgia Heart Institute  <b>Evidence about Robotic Cardiac Surgery</b> Arman Arghami, M.D., M.P.H., Mayo Clinic Rochester	<b>Robotic recurrent rectal cancer</b> <i>Name TBA</i>  <b>Lap/robotic TaTME</b> Joep Knol, M.D., Ph.D., Belgium  <b>Robotics Beyond TME</b> <i>Name TBA</i>	<b>3D Printing in Facial Plastic Reconstructive Surgery (20 min)</b> Brittany Howard, M.D., Mayo Clinic Arizona	
		<b>General Surgery – Single Port Robotics Session</b>  <b>Single Port hernia</b> Francesco M. Bianco, M.D., University of Illinois at Chicago  <b>Utilization of ICG in robotic cholecystectomy</b>	<b>Tips and Tricks for Partial Nephrectomy: Lessons Learned from MAP and Beyond</b> David D. Thiel, M.D., Mayo Clinic Jacksonville	<b>Other Robotic Procedures and Future Directions (20 min)</b> Joanna Chikwe, M.D., Cedars Sinai, Los Angeles, California  <b>Robotic AVR (20 min)</b>	<b>Robotic VRAM and others for pelvic reconstruction</b> Alanna M. Rebecca, M.D., Mayo Clinic Arizona  <b>Novel Endoluminal robotics</b>	<b>Value in ENT Innovation (20 min)</b> Adam Zanation, M.D., Carolina ENT, Sinus and Allergy Center  <b>Virtual Surgical Planning for Head and Neck Reconstruction (20 min)</b> Philip Pargousis, M.D., D.M.D., Mayo Clinic Jacksonville	

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		Francesco M. Bianco, M.D., University of Illinois at Chicago	<b>Robotic Radical Cystectomy: Intra Versus Extra Corporeal Diversion</b> Timothy D. Lyon, M.D., Mayo Clinic Jacksonville	Vinay Badhwar, M.D., West Virginia University Medicine,	Sam Atallah, M.D., FASCRS, FACS, Advent Health Cancer Institute, Orlando, FL	
2:45 PM	3:10 PM	Break and Exhibit Hall				
<b>Concurrent Breakout Sessions</b>						
		<b>General Surgery – Endocrine</b> <i>Enrique F. Elli, M.D.</i>	<b>Urology Session</b> <i>Raymond W. Pak, M.D., M.B.A.</i>	<b>Cardiac Session</b> <i>Arman Arghami, M.D., M.P.H.</i>	<b>Colorectal</b> <i>Amit Merchea, M.D.</i>	<b>ENT</b> <i>Samip Patel, M.D.</i>
3:10 PM	4:25 PM	<b>Robotic Adrenalectomy</b> John R. Porterfield, M.D., University of Alabama	<b>Session IV New Technologies for Endourology</b>  <b>The Evolution of Laser Technology in Urology</b> Name TBA  <b>New Robotic Technology for Endoscopic Surgery</b> Raymond W. Pak, M.D., M.B.A., Mayo Clinic Jacksonville	<b>My most challenging robotic case</b>  <b>Video abstracts x 3 (5 min each)</b> Cardiac videos Cardiac videos Cardiac videos Cardiac videos	<b>Robotic right colectomy - SMV first</b> Amit Merchea, M.D., Mayo Clinic Jacksonville  <b>Robotics for complicated diverticulitis</b> Michelle F. DeLeon, M.D., Mayo Clinic Jacksonville  <b>Robotics tips/tricks for the difficult pelvis</b> Kevin T. Behm, M.D., Mayo Clinic Rochester	<b>How I do it: Free Flap Monitoring – Tricks and Techniques (20 min)</b> Saral Mehra, M.D., MBA, FACS, Yale New Haven Hospital
		Abstracts/Video – General Surgery	<b>Session V Image Guidance &amp; Artificial Intelligence</b>		<b>Robotic approaches to the splenic flexure</b> Michelle F. DeLeon, M.D., Mayo Clinic Jacksonville	<b>TORS/Robotic Panel – Management of HPV+ Oropharynx Cancer in 2023 (25 min)</b> Moderator: Samip Patel, M.D., FACS, Mayo Clinic Jacksonville
		Abstracts/Video – General Surgery	<b>Image Guided Robotic Surgery: The role of ICG in benign and malignant urology</b> Ram A. Pathak, M.D., Mayo Clinic Jacksonville  <b>The Role of Artificial Intelligence in Video Based Minimally Invasive Surgery</b> Abhinav Khanna, M.D., M.P.H., Mayo Clinic Rochester  <b>Panel Discussion: Will Technology Replace the Surgeon?</b>		<b>Early experience with DaVinci SP Colorectal surgery</b> Kevin T. Behm, M.D., Mayo Clinic Rochester	<b>Reconstruction Panel – Recon Rounds (25 min)</b> Moderator: Samip Patel, M.D., FACS, Mayo Clinic Jacksonville
4:25PM		Leisure				

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Sunday, April 16, 2023			
6:30 AM	1:00 PM	Registration	
7:00 AM	8:00 AM	Breakfast	
<b>Value of Innovation Session</b>			
8:00 AM	8:45 AM	<b>Keynote Lecture: Landscape of innovation in healthcare – AR, AI, 3D, robotics (45 min)</b>	Mark B. Wehde, M.S., M.B.A., Mayo Clinic Rochester
8:45 AM	9:05 AM	<b>Assessing the value of Innovation in healthcare 20 min</b>	Anantha Santhanam, Ph.D., M.B.A., Mayo Clinic Rochester
9:05 AM	9:50 AM	<b>Panel Discussion: Assessing the value of robotics as an innovation (45 min)</b>	John R. Porterfield, M.D., University of Alabama Richard Lazzaro, M.D., Barnabas Health Matthew K. Tollefson, Mayo Clinic Rochester
9:50 AM	10:10 AM	<b>Value of a Robotics Steering committee – Navigating a multisite robotics practice (20 min)</b>	Karim Michael Awad, M.D., Washington University, Barnes Jewish Hospital
10:10 AM	10:30 AM	Break and Exhibit Hall	
<b>Value of Innovation Session</b>			
10:30 AM	10:50 AM	<b>Mayo Clinic Innovation Exchange (20 min)</b>	Charles Bruce, M.D., Mayo Clinic Florida
10:50 AM	11:05 AM	<b>Title TBA (15 min)</b>	Susan Hallbeck, Ph.D., Mayo Clinic Rochester
11:05 AM	11:20 AM	<b>ICU of the future (15 min)</b>	Devang K. Sanghavi, M.B.B.S., M.D., Mayo Clinic Jacksonville
11:20 AM	11:35 AM	<b>Digital Health – Wearables – Data Integration into AI-based algorithms (15 min)</b>	Bradley C. Leibovich, M.D., Mayo Clinic Rochester
11:35 AM	11:50 AM	<b>Digital Health – Mobile app for patient reported outcomes (15 min)</b>	Shanda Blackmon, M.D., M.P.H., Mayo Clinic Rochester
11:50 AM	12:05 PM	<b>Digital Health – Search engine for Ask Mayo Experts (15 min)</b>	Antonio J. Forte, M.D., Ph.D., Mayo Clinic Jacksonville
12:05 PM	12:15 PM	<b>Q&amp;A Session (10 min)</b>	Bradley C. Leibovich, M.D., Mayo Clinic Rochester Shanda Blackmon, M.D., M.P.H., Mayo Clinic Rochester
12:15 PM	12:30 PM	<b>Microrobotics (15 min)</b>	Hakan Ceylan, Ph.D., Mayo Clinic Arizona
12:30 PM	1:00 PM	<b>Panel Discussion: Non-clinical robotics in healthcare (30 min)</b>	Mark M. Muraco, M.B.A., Mayo Clinic Arizona Stephen M. Fischer, M.H.S.A., Mayo Clinic Rochester Todd E. Brandt, Mayo Clinic Rochester
1:00 PM	1:15 PM	<b>Closing Remarks</b>	Mathew Thomas, M.B.B.S., M.D., Mayo Clinic Jacksonville