

# PLENARY

Thursday, June 20, 2019	
1:00 pm – 5:00 pm	PLENARY SESSION 1: INNOVATIONS IN ROBOTIC TECHNOLOGY, WHAT THE FUTURE HOLDS IN STORE
<b>Currently available robotic systems:</b>	
1:00 pm – 1:10 pm	<b>Welcome and Introduction</b> <i>Presented by: Vipul Patel</i>
1:10 pm – 1:20 pm	<b>Intuitive surgical: daVinci Robotics</b> <i>Presented by: Jamie Wong</i>
1:20 pm – 1:30 pm	<b>Medrobotics Flex Robotic System: Endoluminal Robotics</b> <i>Presented by: Rich Walsh</i>
1:30 pm – 1:40 pm	<b>Robotic Spine Surgery</b> <i>Presented by: Chetan Patel</i>
1:40 pm – 1:50 pm	<b>CMR Surgical: Versius</b> <i>Presented by: Mark Slack</i>
1:50 pm – 2:00 pm	<b>Transenterix: Robotic Assisted Laparoscopy with Senhance Surgical System</b> <i>Presented by: Mohan Nathan</i>
2:00 pm – 2:10 pm	<b>Restoration robotics: Hair Follicle Transplantation Using AI, Machine based Vision and Machine learning</b> <i>Presented by: Ryan Rhodes</i>
2:10 pm – 2:20 pm	<b>AURIS robotics: Endoluminal surgery</b> <i>Presented by: David Mintz</i>
2:20 pm – 2:50 pm	<b>Panel Discussion</b> <i>Moderator: Vipul Patel</i> <i>Panelists: Vipul Patel, Eduardo Parra-Davila, Martin Martino, Uma Duvvuri, Ghulam Abass</i>
2:50 pm – 3:20 pm	<b>BREAK</b>
<b>New Robots Under Development</b>	
3:20 pm – 3:30 pm	<b>Mantra Robot - SS Innovations China Co Ltd</b> <i>Presented by: Sudhir P Srivastava</i>
3:30 pm – 3:40 pm	<b>Russian Robot</b> <i>Presented by: Dmitry Pushkar</i>
3:40 pm – 3:50 pm	<b>ACTiv Surgical: STAR robot</b> <i>Presented by: Todd Usen</i>
3:50 pm – 4:00 pm	<b>Verb</b> <i>Presented by: Dave Hermann</i>
4:00 pm – 4:10 pm	<b>Titan Medical's Single Port Robotic Surgical System: Progress Update</b> <i>Presented by: David McNally</i>
4:10 pm – 4:20 pm	<b>Avra</b> <i>Presented by: Nick Shah</i>
4:20 pm – 4:30 pm	<b>Colubris: Single Port and Endoluminal Robotics</b> <i>Presented by: Daniel Kim</i>
4:30 pm – 5:00 pm	<b>Panel Discussion</b> <i>Moderator: Vipul Patel</i>

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	<i>Panelists: Farid Gharagozloo, Robert Holloway, Armando Melani, , Stephen Williams, Ananth Sivaraman, Dr Kang</i>
<b>Friday, June 21, 2019</b>	
<b>7:15 am – 12:00 pm</b>	<b>PLENARY SESSION 2: FUTURE OF ROBOTIC SURGERY</b>
MODERATORS:	<b>VIPUL PATEL, FARID GHARGOZLOO AND EDUARDO PARRA DAVILA</b>
7:15 am – 7:30 am	<b>Welcome</b> <i>Presented by: Vipul Patel</i>
7:30 am – 8:00 am	<b>State of The Art Lecture: Robotics, Artificial Intelligence and Image-Guided Surgery</b> <i>Presented by: Jacques Marescaux</i>
8:00 am – 8:30 am	<b>Innovation of new robotic platforms and taking them to market, the challenges</b> <i>Presented by: Fred Moll</i>
8:30 am – 8:50 am	<b>State of The Art Lecture: Robotic Surgery has it really made a difference for surgeons and patients, where's the evidence?</b> <i>Presented by: Piero Giulianotti</i>
8:50 am – 9:05 am	<b>IP Issues in Robotic Surgery</b> <i>Presented by: Babak Tehranchi</i>
9:05 am – 9:20 am	<b>Robotic Surgical Simulation, The Current Status</b> <i>Presented by: Sanket Chauhan</i>
9:20 am – 9:40 am	<b>Lecture &amp; Panel Discussion: Challenges of Building New Robots, Understanding the Technological Challenges</b> <i>Presented by: Pablo Garcia Kilroy</i> <i>Panelists: Piero Giulianotti, Eduardo Parra, Sachin Sankholkar, Fiona Haig, Mohan Nathan</i>
9:40 am – 10:00 am	<b>BREAK</b>
Presentation: 10:00 am – 10:10 am Discussion: 10:10 am – 10:20 am	<b>Panel Discussion: Surgical Training in Robotic Surgery, What are we still lacking?</b> <i>Presented by: Randolph Chitwood</i> <i>Panelists: Farid Ghargozloo, Armando Melani, Uma Duvvuri, Senthil Nathan and Martin Martino</i>
10:20 am – 10:35 am	<b>Blue print for the institution of a successful robotic surgery program: lessons from Americas nuclear navy</b> <i>Presented by: Farid Gharagozloo</i>
10:35 am – 10:50 am	<b>Automated robotic surgical assessment with artificial intelligence</b> <i>Presented by: Andrew Hung</i>
10:50 am – 11:05 am	<b>MULTI-SPECIALTY SINGLE PORT ROBOTIC SURGERY: GIMMICK OR THE NEXT NATURAL EVOLUTION ? Dr Jihad Kaouk</b>
11:05 am – 11:20 am	<b>THE FUTURE OF ROBOTIC SURGERY:</b>

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	<p><i>Presented by: RAYMOND LEVEILLEE MD</i></p> <p><b>Panel: Pablo Kilroy, Chetan Patel MD, Amit Vohra, Vipul Patel MD, David Boucisher Hayes MD</b></p>
11:20 am – 11:35 am	<p><b>The Innovation Pathway and Regulatory Review Process at CDRH, FDA:</b></p> <p><b>Mrs. Anjali Kataria</b></p>
11:35 am – 11:50 am	<p><b>Panel Discussion: The Curse of the Randomized Trial – Robotic Cystectomy and Robotic Radical Hysterectomy are Inferior to Open Surgery, Really ???</b></p> <p><i>Data Presenters: Robert Holloway and Murugesan Manoharan</i></p> <p><i>Panelists: Kenneth Palmer, Martin Martino, Rafael Coelho, Bernardo Rocco and Aileen Casceras</i></p>
11:50 am – 12:00 pm	<p><b>SRS PRESIDENTS LECTURE</b></p> <p><i>Presented by: Vipul Patel</i></p>
12:00 pm	<p><b>SRS 2020 AND 2021 Presentations: Sydney, Australia AND RIO, BRAZIL</b></p>
<p><b>Sunday, June 23, 2019</b></p>	
<b>8:00 am – 12:00 pm</b>	<b>PLENARY SESSION 3</b>
8:00 am – 8:10 am	<p><b>Urology Update</b></p> <p><i>Presented by: Jihad Kaok</i></p>
8:10 am – 8:20 am	<p><b>Gynecology – Benign Update</b></p> <p><i>Presented by: Aileen Caceres</i></p>
8:20 am – 8:30 am	<p><b>Gynecology – Oncology Update</b></p> <p><i>Presented by: Robert Holloway</i></p>
8:30 am – 8:40 am	<p><b>Head and Neck Update</b></p> <p><i>Presented by: Uma Duvvuri</i></p>
8:40 am – 8:50 am	<p><b>Thoracic Update</b></p> <p><i>Presented by: Farid Ghargozloo</i></p>
8:50 am – 9:00 am	<p><b>Cardiac Update</b></p> <p><i>Presented by: Ghulam Abbas</i></p>
9:00 am – 9:10 am	<p><b>Hepatobiliary Update</b></p> <p><i>Presented by: Sharona Ross</i></p>
9:10 am – 9:20 am	<p><b>Bariatrics Update</b></p> <p><i>Presented by:</i></p>
9:20 am – 9:30 am	<p><b>Colorectal Update</b></p> <p><i>Presented by: Eduardo Parra-Davila</i></p>
9:30 am – 9:40 am	<p><b>Hernia Update</b></p> <p><i>Presented by: Carlos Ortiz</i></p>
9:40 am – 9:50 am	<p><b>Pediatrics Update</b></p> <p><i>Presented by: Pablo Gomez</i></p>
9:50 am – 10:00 am	<p><b>Transplantation in Robotic Surgery</b></p> <p><i>Presented by: Ananth Sivaraman</i></p>
10:00 am – 10:10 am	<p><b>Robotic Urologic Microsurgery</b></p>

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	<i>Presented by: Jamin Brahmhatt</i>
10:10 am – 10:25 am	<b>Discussion</b> <i>Chairs: Vipul Patel, Farid Ghargozloo, Uma Duvvuri, Robert Holloway and Jihad Kaouk</i>
10:25 am – 10:50 am	<b>Surgeon Credentialing and Advocacy of Patient Safety in Robotic Surgery</b> <i>Presented by: Stephen Knych</i>
10:50 am – 11:15 am	<b>Developing a Multi-Specialty Robotic Surgery Program at your Hospital</b> <i>Presented by: Uma Duvvuri</i>
11:15 am – 11:40 am	<b>Surgeon and Team training. How to best train your surgical team</b> <i>Presented by: Pete Carnegie</i>
11:40 am – 12:00 pm	<b>ISE Robotic Data Registry</b> <i>Presented by: Jeff Levy</i>