3RD ANNUAL
NORTH AMERICAN
ROBOTIC
UROLOGY
SYMPOSIUM
2019
FEBRUARY 8-9

LAS VEGAS

NARUS 2019
Progression to Excellence

ARIA RESORT & CASINO
www.narus.us
At this year’s NARUS meeting we have a new format for the agenda. Rather than disease-specific, we are going with surgical concepts across multiple disease sites and building the knowledge from setup steps to key steps to troubleshooting to reoperative situations. We will weave in live surgery and keynote speakers from robotics, oncology, pediatrics, allied health and reconstruction. We will finish with awards for best posters.

LEARNING OBJECTIVES

ADULT

TOPIC AREA: PROSTATE
1. To review anatomical steps of robotic prostatectomy and difficult anatomic scenarios
2. To demonstrate refined techniques for preserving urinary control after robot-assisted radical prostatectomy, and link them to patient reported outcomes
3. To demonstrate nerve preserving surgical plane selection and recognition including difficult anatomy

TOPIC AREA: RENAL
1. To demonstrate the surgical steps of robotic surgery procedures for kidney cancer
2. Analyze the robotic techniques unique to the surgical management of kidney cancer
3. Describe tips and tricks to manage difficult intra-operative situations and avoid complications
4. Discuss the key complications and outline the intra-operative and post-operative management related to robotic surgery procedures

TOPIC AREA: BLADDER
1. To demonstrate the surgical steps of robotic surgery procedures for bladder cancer
2. Analyze the robotic techniques unique to the surgical management of bladder cancer
3. Describe tips and tricks to manage difficult intra-operative situations and avoid complications
4. Discuss the key complications and outline the intra-operative and post-operative management related to robotic surgery procedures

TOPIC AREA: RECONSTRUCTION
1. To demonstrate the surgical steps of robotic surgery procedures for reconstructive surgery
2. Analyze the robotic techniques unique to the surgical management of reconstructive patients
3. Describe tips and tricks to manage difficult intra-operative situations and avoid complications
4. Discuss the key complications and outline the intra-operative and post-operative management related to robotic surgery procedures

TOPIC AREA: URETERAL REIMPLANTATION:
1. To discuss the role of pediatric robotic reimplantation for the treatment of VUR
2. To analyze the key steps of pediatric robotic reimplantation as well as tips and tricks to maximize surgical success rates and minimize complications

TOPIC AREA II: PYELOPLASTY / HEMINEPHRECTOMY / URETERO-URETEROSTOMY / PEDIATRIC ONCOLOGY:
1. To discuss the role of robotic surgery for pediatric kidney procedures such as pyeloplasty, nephrectomy / heminephrectomy, and uretero-ureterostomy
2. To describe the key steps as well as tips and tricks of pediatric robotic kidney procedures

TOPIC AREA III: COMPLEX RECONSTRUCTION:
1. To describe recent refinements and advances in robotic surgical technology that benefit pediatric complex reconstruction procedures
2. To discuss the use and focused patient selection process for pediatric robotic reconstruction procedures

PEDIATRIC

TOPIC AREA I: URETERAL REIMPLANTATION:
1. To discuss the role of pediatric robotic reimplantation for the treatment of VUR
2. To analyze the key steps of pediatric robotic reimplantation as well as tips and tricks to maximize surgical success rates and minimize complications

TOPIC AREA II: PYELOPLASTY / HEMINEPHRECTOMY / URETERO-URETEROSTOMY / PEDIATRIC ONCOLOGY:
1. To discuss the role of robotic surgery for pediatric kidney procedures such as pyeloplasty, nephrectomy / heminephrectomy, and uretero-ureterostomy
2. To describe the key steps as well as tips and tricks of pediatric robotic kidney procedures

ALLIED HEALTHCARE

1. Provide a unique opportunity for the peri-operative nurses and allied health professionals working in robotics to learn strategies for successful robotic surgery across multiple specialties from the pre-, intra-, and post-operative perspectives
2. Collaborate with or without their surgeon counterparts
3. Discuss and experience hands-on workshops that cover areas such as optimizing efficiency, team management, and assist strategies

ACCREDITATION STATEMENT

In support of improving patient care, Rush University Medical Center is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education for the healthcare team.

This activity has been approved for AMA PRA Category 1 Credit™
### THURSDAY, FEBRUARY 7

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:10 AM - 7:40 AM</td>
<td>MENON AWARD AND LECTURESHIP</td>
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<tr>
<td>7:40 AM - 8:00 AM</td>
<td>HOW TO Session - Part 1</td>
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<tr>
<td>8:00 AM - 9:45 AM</td>
<td>LIVE SURGERY: Prostate: High Risk with Nodes/Partial Nephrectomy</td>
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<td>9:45 AM - 10:00 AM</td>
<td>BREAK</td>
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<td>10:00 AM - 12:00 PM</td>
<td>Plenary Session I</td>
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<td>12:00 PM - 1:00 PM</td>
<td>LUNCH WITH EXPERTS</td>
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<td>1:00 PM - 3:00 PM</td>
<td>Live Surgery: Reconstruction, Cystectomy/Urinary Diversion</td>
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<td>3:00 PM - 3:30 PM</td>
<td>BREAK</td>
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<td>3:30 PM - 5:30 PM</td>
<td>Plenary Session II</td>
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<td>5:30 PM - 6:30 PM</td>
<td>WELCOME RECEPTION</td>
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### FRIDAY, FEBRUARY 8

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<tr>
<td>8:00 AM - 9:00 AM</td>
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<td>9:00 AM - 11:00 AM</td>
<td>MENON AWARD AND LECTURESHIP</td>
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<td>11:00 AM - 11:20 AM</td>
<td>BREAK</td>
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<tr>
<td>11:20 AM - 1:00 PM</td>
<td>Plenary Session III</td>
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<tr>
<td>1:00 PM - 2:00 PM</td>
<td>LUNCH</td>
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<td>2:00 PM - 3:20 PM</td>
<td>Plenary Session IV</td>
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<tr>
<td>3:20 PM - 4:00 PM</td>
<td>AWARDS &amp; Closing Remarks</td>
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### SATURDAY, FEBRUARY 9

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<tr>
<td>8:00 AM - 8:30 AM</td>
<td>ADULT</td>
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<tr>
<td>8:30 AM - 9:00 AM</td>
<td>SUO INVITED LECTURE</td>
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<td>9:00 AM - 11:00 AM</td>
<td>MENON AWARD AND LECTURESHIP</td>
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<td>11:00 AM - 11:20 AM</td>
<td>BREAK</td>
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<td>11:20 AM - 1:00 PM</td>
<td>Plenary Session III</td>
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<td>LUNCH</td>
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<td>AWARDS &amp; Closing Remarks</td>
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THURSDAY, FEBRUARY 7  YOUNG NARUS

3:00 pm – 7:00 pm  Registration/Information Desk Open
4:00 pm – 4:10 pm  Welcome and Introduction – Jennifer A. Linehan, MD
4:10 pm – 4:25 pm  KIDNEY PROGRAM
4:10 pm – 4:25 pm  Techniques for Closing the Kidney after RAPN  Jay Krishnan, MD
4:25 pm – 4:35 pm  When to Go Retro  Janet Lee, MD
4:35 pm – 4:50 pm  Robotic Pyeloplasty  TBD
4:50 pm – 5:10 pm  Management of SRM’s: Ablation vs Partial vs Observation  Mayank Patel, MD
5:10 pm – 5:55 pm  BLADDER PROGRAM
5:10 pm – 5:30 pm  Is Intra-Corporeal Diversion Really Better?  Jennifer Linehan, MD
5:30 pm – 5:40 pm  How to Prevent Ureteral Strictures  Bert Yuh, MD
5:40 pm – 5:55 pm  Vaginal Sparing RARC  Mark Gonzalgo, MD
5:55 pm – 6:05 pm  BREAK
6:05 pm – 6:55 pm  PROSTATE PROGRAM
6:05 pm – 6:25 pm  Who Needs a Lymphadenectomy and Boundaries for PLND  Clayton Lau, MD
6:25 pm – 6:40 pm  Nerve Sparing, MRI’s and Positive Margins  John Davis, MD
6:40 pm – 6:55 pm  Techniques to Improve Continence Recovery  Chuck Finley, MD
6:55 pm  Closing Remarks
7:00 pm  Industry Sponsored Young NARUS Dinner

FRIDAY, FEBRUARY 8

6:00 am – 6:00 pm  Registration/Information Desk Open
6:00 am – 7:00 am  BREAKFAST WITH EXHIBITORS
7:00 am – 7:10 am  Welcome and Introduction - Ketan Badani, MD
7:10 am – 7:35 am  Menon Award and Lectureship
Prostate Cancer: Intersection of Common Sense and Controversy
Thomas E. Ahlering, MD
7:35 am – 7:40 am  Q & A
7:40 am – 8:00 am  HOW TO SESSION – PART 1 (Stepwise approach to surgical management)
7:40 am  Prostate Bladder Neck: Normal  James Peabody, MD
7:45 am  Prostate Bladder Neck: Large Medial Lobe  Matthew Gettman, MD
7:50 am  Prostate Bladder Neck: Large Lateral Lobes/Buttonhole Bladder  TBD

ADULT

8:00 am – 9:45 am  LIVE SURGERY:
Moderator: Craig Rogers, MD
Panelists: Monish Aron, MD, Vipul Patel, MD, Arieh Shalhav, MD, Ashutosh Tewari, MD
Case #1 – Prostate: High Risk with Nodes  John W. Davis, MD, FACS
Case #2 – Partial Nephrectomy  Ronney Abaza, MD
9:45 am – 10:00 am  BREAK WITH EXHIBITORS

PLENARY SESSION I
10:00 am – 10:40 am  GENERAL PRINCIPLES OF PATIENT SETUP/PORTS/DOCKING
10:00 am  Patient Positioning and Anesthesia Considerations  Ashok Hemal, MD
10:10 am  Port Placement Principles for Xi and Si  Alvin Goh, MD
10:20 am  Docking Principles for Xi and Si  James Porter, MD
10:30 am  Q & A

*Agenda as of 11/2018. Subject to change.
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<thead>
<tr>
<th>Time</th>
<th>Session/Session Title</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>10:40 am</td>
<td>HOW TO SESSION – PART 2 (Stepwise approach to surgical management)</td>
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<tr>
<td>10:40 am</td>
<td>Kidney Hilum: Full Clamp</td>
<td>Michael Stifelman, MD</td>
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<tr>
<td>10:50 am</td>
<td>Kidney Hilum: Selective Clamp</td>
<td>Sam Bhayani, MD</td>
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<td>11:00 am</td>
<td>Kidney Hilum: Complex Hilum</td>
<td>Arieh Shalhav, MD</td>
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<td>11:10 am</td>
<td>Kidney Hilum: Vascular Injury and Repair</td>
<td>Duke Herrell, MD</td>
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<td>11:20 am</td>
<td>Nerve Sparring: Antegrade</td>
<td>Ashutosh Tewari, MD</td>
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<td>11:30 am</td>
<td>Nerve Sparring: Retrograde</td>
<td>Vipul Patel, MD</td>
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<td>11:40 am</td>
<td>Nerve Sparring: Wide Excision</td>
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<tr>
<td>11:50 am</td>
<td>Q &amp; A</td>
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<td>12:00 pm</td>
<td>LUNCH WITH EXPERTS</td>
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<td>1:00 pm</td>
<td>PLENARY SESSION II</td>
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<td>1:00 pm – 3:00 pm</td>
<td>LIVE SURGERY:</td>
<td>Mihir Desai, MD</td>
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<td>Moderator: Mihir Desai, MD</td>
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<td>Panel: Jill Buckley, MD, Mark Delworth, MD, Khurshid Guru, MD, Michael Stifelman, MD</td>
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<td>Case #1 – Reconstruction</td>
<td>Lee Zhao, MD</td>
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<td>Case #2 – Cystectomy/ Urinary Diversion</td>
<td>Erik Castle, MD</td>
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<td>3:00 pm – 3:30 pm</td>
<td>BREAK WITH EXHIBITORS</td>
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<td>3:30 pm – 4:00 pm</td>
<td>HOW TO SESSION – PART 3 (Stepwise approach to surgical management)</td>
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<td>3:30 pm</td>
<td>Primary Ureteral Reimplant</td>
<td>Raju Thomas, MD</td>
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<td>3:40 pm</td>
<td>Psoas Hitch</td>
<td>Jill Buckley, MD</td>
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<td>3:50 pm</td>
<td>Boari Flap</td>
<td>Ashok Hemal, MD</td>
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<td>4:00 pm</td>
<td>REDO ROBOTIC SURGERY SESSION</td>
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<td>4:00 pm</td>
<td>Redo/Salvage Pyeloplasty</td>
<td>TBD</td>
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<td>4:10 pm</td>
<td>Ureteral Graft/Ileal Ureter/Ureteroenteric Stricture Post Cystectomy</td>
<td>Michael Stifelman, MD</td>
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<td>4:20 pm</td>
<td>Significant Prior Abdominal Surgery: Access/Tips</td>
<td>Jean Joseph, MD</td>
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<td>4:30 pm – 4:55 pm</td>
<td>BEYOND PARTIAL NEPHRECTOMY FOR KIDNEY SURGERY</td>
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<td>4:30 pm</td>
<td>Partial Nephrectomy for Recurrent Tumor: Cryo, Recurrent Tumor</td>
<td>Craig Rogers, MD</td>
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<td>4:40 pm</td>
<td>Invasion to Adjacent Organs</td>
<td>Ketan Badani, MD</td>
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<td>4:50 pm</td>
<td>Q &amp; A</td>
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<td>4:55 pm – 5:30 pm</td>
<td>Ask the Experts Case Discussion and Panel</td>
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<td>Panelists: Sam Bhayani, MD, John W. Davis, MD, FACS, Rene Sotelo, MD, Raju Thomas, MD</td>
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<td>7:55 am – 8:00 am</td>
<td>PEDIATRICS</td>
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<td>8:00 am – 9:45 am</td>
<td>LIVE SURGERY:</td>
<td>Jimena Cubillos MD, John Thomas MD</td>
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<td>Moderator: Jimena Cubillos MD, John Thomas MD</td>
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<td></td>
<td>Case #1</td>
<td>Mohan Gundeti MD</td>
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<td>9:45 am – 10:00 am</td>
<td>BREAK WITH EXHIBITORS</td>
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<td>10:00 am</td>
<td>Robotics in Pediatric Urology – Where are we now and where are we heading?</td>
<td>Chester Koh MD</td>
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<td>10:30 am</td>
<td>Q &amp; A</td>
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<td>10:40 am – 11:50 am</td>
<td>LIVE SURGERY:</td>
<td>Christine Kim MD, Allison Keenan MD</td>
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<td>11:50 am</td>
<td>Q &amp; A</td>
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| 12:00 pm – 1:00 pm | LUNCH WITH EXPERTS  
(Topics: Prostate, Bladder, Kidney, Reconstruction, OR Team, Medico-Legal/Quality, Program Building) |
| 1:00 pm – 1:30 pm | Keynote Lecture:  
Open Surgeon to a Robotic Surgeon – What’s Same, What’s Different?  
*Lane Palmer, MD* |
| 1:30 pm      | Q & A                                                                                           |
| 1:40 pm – 2:00 pm | Preoperative Preparations - Anesthesia Considerations – Patient Positioning  
*Paul Noh, MD* |
| 2:00 pm – 2:20 pm | Access – Port Placement – Docking – Instrumentation  
*Alison Keenan, MD* |
| 2:20 pm      | Q & A                                                                                           |
| 2:30 pm – 3:00 pm | Abstracts  
Moderators:  
*Casey Seideman, MD, Ben Whittam, MD* |
| 3:00 pm – 3:30 pm | Break with Exhibitors                                                                          |
| 3:30 pm – 5:30 pm | BLADDER WORKSHOP  
3:30 pm  
Ureteral Reimplantation  
*Andrew Kirsch, MD* |
| 3:55 pm      | Q & A                                                                                           |
| 4:00 pm      | Bladder Neck Repair  
*TBD* |
| 4:25 pm      | Q & A                                                                                           |
| 4:30 pm      | Dismembered Ureteral Reimplant/Diverticulum/Retrovesical Surgery  
*John Thomas, MD* |
| 4:55 pm      | Q & A                                                                                           |
| 5:00 pm      | Abstracts  
Moderators:  
*Sumit Dave, MD, Casey Seideman, MD* |

### ALLIED HEALTH

**PLENARY SESSION I**

<table>
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<th>Time</th>
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| 8:00 am – 9:45 am | LIVE SURGERY:  
Moderator:  
*Craig Rogers, MD*  
Panelists:  
*Monish Aron, MD, Vipul Patel MD, Arieh Shalhav, MD, Ashutosh Tewari, MD* |
|              | Case #1 – Prostate: High Risk with Nodes  
*John W. Davis, MD, FACS* |
|              | Case #2 – Partial Nephrectomy  
*Ronney Abaza, MD* |
| 9:45 am – 10:00 am | BREAK WITH EXHIBITORS                                                                          |
| 10:00 am – 12:00 pm | ALLIED HEALTH: SESSION 1  
10:00 am | Tools for Success at the Bedside and Troubleshooting  
*Suzannah Sorin, MSPAS, PA-C* |
| 10:30 am     | Credentialing for the Robotic Bedside Assistant  
*Jackie Guarino, PA-C* |
| 11:00 am     | History of Robotic Surgery – Overcoming the Skeptics  
*Michael Stifelman, MD* |
| 11:30 am     | Si vs, Xi vs. SP: What you Need to Know  
*James Porter, MD* |
| 12:00 pm – 1:00 pm | LUNCH WITH EXPERTS  
(Topics: Prostate, Bladder, Kidney, Reconstruction, OR Team, Medico-Legal/Quality, Program Building) |

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PLENARY SESSION II

1:00 pm – 3:00 pm  LIVE SURGERY:
Moderator: Mihir Desai, MD
Panel: Jill Buckley, MD, Mark Delworth, MD, Khurshid Guru, MD, Michael Stifelman, MD

| Case #1 – Reconstruction  Lee Zhao, MD |
| Case #2 – Cystectomy/ Urinary Diversion  Erik Castle, MD |

3:00 pm – 3:30 pm  BREAK WITH EXHIBITORS

3:30 pm – 5:30 pm  ALLIED HEALTH: SESSION 2

3:30 pm  Improving Operating Room Efficiency and Team Training  John Davis, MD

4:00 pm  The Safety Checklist: Anesthesia and Positioning for Robotic Surgery  Suzannah Sorin, MSPAS, PA-C

4:30 pm  Top Notch Communication and Team Work  Mike Kemeter, PA-C

5:00 pm  Creating Clinical Pathways in Robotic Surgery  Shiela Yncierto-Le, RN

WELCOME RECEPTION  5:30 PM – 6:30 PM

SATURDAY, FEBRUARY 9

7:00 am – 4:00 pm  Registration/Information Desk Open

7:00 am – 7:55 am  BREAKFAST WITH EXHIBITORS

7:55 am – 8:00 am  Welcome - John W. Davis, MD, FACS

8:00 am – 8:20 am  SUO Invited Lecture
Comparative Efficacy of Robotic Radical Cystectomy and Urinary Diversion: Large Stakes and Big Mistakes  Michael Cookson, MD

8:30 am – 8:50 am  Q & A

8:50 am – 9:00 am  GURS Invited Lecture
Robotics for Reconstructive Urology: Pushing the Envelope  Lee Zhao, MD

8:50 am – 9:00 am  Q & A

ADULT

PLENARY SESSION III

9:00 am – 11:00 am  LIVE SURGERY:
Moderator: Inderbir Gill, MD
Panel: Ronney Abaza, MD, Michael Cookson, MD, Mihir Desai, MD, Jean Joseph, MD

| Case #1 – Prostate Nerve Sparing  Thomas Ahlerring, MD |
| Case #2 – Partial Nephrectomy  James Porter, MD |

11:00 am – 11:20 am  BREAK WITH EXHIBITORS

11:20 am – 11:30 am  IVC  Inderbir Gill, MD

11:30 am – 11:50 am  INTRAOPERATIVE SURPRISES AND HOW TO PREDICT/MANAGE THEM: PART 1

11:30 am  Stuck Rectum  David Lee, MD

11:35 am  Rectal Injury  Jihad Kaouk, MD

11:40 am  Q & A

11:50 am – 12:20 pm  NEW TECHNOLOGIES

11:50 am  3D Modeling  Duke Herrell, MD

12:00 pm  Single Port Robotics  Jihad Kaouk, MD

12:10 pm  New Robots  Ketan Badani, MD

12:20 pm – 12:40 pm  Medical Legal  Sam Bhayani, MD, Isaac Kim, MD

*Agenda as of 11/2018. Subject to change.
### PLENARY SESSION IV

**12:40 pm – 1:00 pm**  
**FINANCE AND COST BASED APPROACH TO ROBOTIC SURGERY**

**12:40 pm**  
Hospital Financial Models Showing Profitability  
Mark Delworth, MD

**12:50 pm**  
How to Pitch for a PA  
Michael Stifelman, MD

**1:00 pm – 2:00 pm**  
**INDUSTRY SPONSORED LUNCH**

### PLENARY SESSION IV

**2:00 pm – 2:20 pm**  
**INTRAOPERATIVE SURPRISES AND HOW TO PREDICT/MANAGE THEM**

**2:00 pm**  
Cystic Tumor Spillage/Conversion to Radical Nephrectomy  
Ronney Abaza, MD

**2:10 pm**  
Renal Sinus and Vein Invasion During Partial Nephrectomy  
Monish Aron, MD

**2:20 pm – 2:50 pm**  
**COMPLEX RECONSTRUCTIVE SCENARIOS**

**2:20 pm**  
Lap Converted to Robot (ie. GYN Ureteral Injury)  
Lee Zhao, MD

**2:30 pm**  
Vascular Injury Repair  
Rene Sotelo, MD

**2:40 pm**  
Spleen or Liver Injury  
Khurshid Guru, MD

**2:50 pm – 3:20 pm**  
**DIFFICULT SURGICAL PATIENT SCENARIOS**

**2:50 pm**  
Prostate: Post Radiation/Cryo/HiFu  
Isaac Kim, MD

**3:00 pm**  
Kidney: Toxic Fat and Morbid Obesity  
Matthew Gettman, MD

**3:10 pm**  
Bladder: Post Chemotherapy/Pelvic Sidewall Invasion/Salvage Prostate XRT  
Alvin Goh, MD

### PEDIATRICS

#### PLENARY SESSION IV

**9:05 am – 11:00 am**  
**KIDNEY WORKSHOP**

**9:05 am**  
Pyeloplasty – Approaches, Redundant Renal, Pelvis, Stent Options  
Ben Whittam, MD

**9:30 am**  
Complex and Redo Pyeloplasty incl. Ureterocalycostomy  
Craig Peters, MD

**9:55 am**  
Q & A

**10:00 am**  
Kidney parenchymal procedures  
Bruce Lindgren

**10:25 am**  
Q & A

**10:30 am**  
Abstracts  
Moderators: Jimena Cubillos, MD, Sumit Dave, MD

**11:00 am – 11:20 am**  
**BREAK WITH EXHIBITORS**

#### PLENARY SESSION V

**11:30 am – 1:00 pm**  
**COMPLEX RECONSTRUCTION WORKSHOP**

**11:30 am**  
Bladder Augmentation  
Walid Farhat, MD

**11:50 am**  
Catheterizable Channels  
Dan DaJusta, MD

**12:10 pm**  
Q & A

**12:15 pm**  
Robotics in Special Situations – Infants, Horse-Shoe Kidney, Abdominal wall with stomas  
Christine Kim, MD

**12:35 pm**  
Complications and its Management  
Paul Korkorwoski, MD

**12:55 pm**  
Q & A

**1:00 pm – 2:00 pm**  
**INDUSTRY SPONSORED LUNCH**

#### PLENARY SESSION VI

**2:00 pm – 2:10 pm**  
Finance and Cost Based Approach to Robotic Surgery – Improving Logistics By Use of Care Pathways  
Paul Noh, MD

**2:10 pm – 2:20 pm**  
Time Driven Activity Based Costing in Robotic Surgery – Improving Efficiency  
Arun Srinivasan, MD

**2:20 pm – 2:30 pm**  
Q & A

**2:30 pm – 3:20 pm**  
Difficult Surgical Patient Scenarios – Case presentations by Faculty and Participants  
Moderators: Casey Seideman, MD, Sumit Dave, MD

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*Agenda as of 11/2018. Subject to change.*
### ALLIED HEALTH

#### PLENARY SESSION III

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| 9:00 am – 11:00 am | LIVE SURGERY:  
Moderator: Inderbir Gill, MD  
Panel: Ronney Abaza, MD, Michael Cookson, MD, Mihir Desai, MD, Jean Joseph, MD |
| 11:00 am – 11:20 am | BREAK WITH EXHIBITORS                                              |
| 11:30 am – 1:00 pm | ALLIED HEALTH: SESSION 3                                          |
| 11:30 am | FACULTY PANEL; What Does the Surgeon Expect and Need from their Team  
Alvin Goh, MD, Raju Thomas, MD, TBD |
| 12:00 pm | Rookie Mistakes: Learning from Video Analysis  
Suzannah Sorin, MSPAS, PA-C and Mike Kemeter, PA-C |
| 12:30 pm | The Future of Robotic Surgery: Non daVinci Robots  
Ketan Badani, MD |
| 1:00 pm – 2:00 pm | INDUSTRY SPONSORED LUNCH                                        |

#### PLENARY SESSION IV

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<td>2:00 pm – 3:20 pm</td>
<td>ALLIED HEALTH: SESSION 4</td>
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| 2:00 pm | Making a Difference: What Should the Bedside Assistant Should Know  
Michael Patane, PA-C |
| 2:20 pm | Pre and Post-Operative Assessment of the Robotic Surgery Patient  
Jack Vassar, PA-C |
| 2:45 pm | Learning from the Crowd: An Open Forum to Share Pearls, Ideas, and Troubleshooting Tips Group  
Lead: Suzannah Sorin, MSPAS, PA-C |

### CALL FOR ABSTRACTS IS NOW OPEN!

**DIRECTIONS FOR SUBMISSION:**

1) Go to: www.narus-abstracts.com to begin your abstract submission.

2) You will be directed to a screen that reads, “Submit Abstract for the 3rd Annual NARUS North American Robotic Urology Symposium 2019”. If you have previously registered for a NARUS meeting, sign in to complete the submission form.

3) If you are a new registrant, enter your email in and click ‘Register’ and follow the instructions on the screen to complete the submission form.

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**Reservations:** 866.359.7757

**Group Rate Name:** NARUS

**Room Rate:**
Thursday, February 7: $149 + tax and resort fee  
Friday, February 8 - Saturday, February 9: $199 + tax and resort fee

**Resort Fee:** $39
This resort fee includes property-wide high speed internet access (public spaces and in-room), unlimited local and toll free calls, airline boarding pass printing, notary service, daily digital newspaper access and fitness center access for guests 18+.

**Hotel Deadline:** Thursday, January 17, 2019
Register online at www.narus.us or complete the registration form below.

PLEASE PRINT CLEARLY

Title:  Dr.  Prof.  Other:  
First Name (Forename/Given Name):  
Last Name (Surname/Family Name):  
Academic Degree(s):  
Badge First Name:  
Address:  
City:  State/Province:  Postal Zip Code:  
Country:  
Phone:  Fax:  
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REGISTRATION FEES

- PHYSICIAN - $495.00
- RESIDENT / FELLOW - $50.00
- ALLIED HEALTH PROFESSIONAL - $345.00

Will you be attending the NARUS Young Narus session?  Yes  No  (dedicated to training new robotic surgeons)?
Do you have any ADA needs that may require assistance from the meeting staff?  Yes  No
Please indicate below any additional assistance that you may need:

Can we keep you informed of upcoming NARUS events?  Yes  No

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Checks should be made payable to:  Veritas Meeting Solutions
Please send checks to:  NARUS c/o Veritas Meeting Solutions; 1061 East Main Street Suite 300; East Dundee, IL 60118

HOW DID YOU LEARN ABOUT THIS CONFERENCE?  (CHECK ALL THAT APPLY)

- Advertisement in Professional Journal  
- Calendar/Monthly Listing  
- Email  
- From a Colleague:________________________  
- Flyer at another meeting  
- Registration Brochure Mailer  
- Website

For more information please visit www.narus.us or call 847.752.5355
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