STS Symposium on Robotic Thoracic Surgery
May 18 – 19, 2018
Chicago, IL

Course Directors
Abbas E. Abbas, Philadelphia, PA
Inderpal S. Sarkaria, Pittsburgh, PA

Day 1
Friday, May 18, 2018 (7:00 a.m. – 5:00 p.m.)

7:00 a.m. – 7:30 a.m.  REGISTRATION / BREAKFAST

9:00 a.m. – 5:00 p.m.  Parallel Robotic Practicum
Stations 1 and 2: Robotic Pyloroplasty & EEA Anastomosis
Stations 3 and 4: Robotic Virtual Simulation Tasks
Instructors: Nicholas Baker, Pittsburgh, PA, and John F. Lazar, Washington, DC

7:30 a.m. – 7:40 a.m.  Welcome
Inderpal S. Sarkaria, Pittsburgh, PA, and Abbas E. Abbas, Philadelphia, PA

7:40 a.m. – 9:00 a.m.  Session 1: Building a Foundation for a Successful Robotic Thoracic Surgery Program
Moderators: Inderpal S. Sarkaria, Pittsburgh, PA, and Abbas E. Abbas, Philadelphia, PA

7:40 a.m. – 8:10 a.m.  Update of World-Wide Published Data on Robotic Thoracic Surgery
John F. Lazar, Washington, DC

8:10 a.m. – 8:25 a.m.  Basic Steps in Setting Up a Robotic Thoracic Surgery Program
Robert J. Cerfolio, New York, NY

8:25 a.m. – 8:40 a.m.  Robotic Thoracic Surgery Finances 101: Hospital Administrator Perspective
Abbas E. Abbas, Philadelphia, PA

8:40 a.m. – 9:00 a.m.  Panel Discussion

9:00 a.m. – 9:20 a.m.  BREAK

9:20 a.m. – 10:40 a.m.  Session 2: Robotic Anatomic Lung Resection I – Overview, Initial Considerations, and Steps

9:20 a.m. – 9:35 a.m.  Instrumentation, Energy Devices, Staplers, and Adjunct Technologies
Inderpal S. Sarkaria, Pittsburgh, PA

Agenda and speakers are subject to change.

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9:35 a.m. – 9:50 a.m. Room Setup, Patient Positioning, Docking, Bedside Assistant
*Lana Y. Schumacher, Pittsburgh, PA*

9:50 a.m. – 10:05 a.m. Overview of Different Options for Robotic Lung Resection Approaches
*Eric M. Toloza, Tampa, FL*

10:05 a.m. – 10:20 a.m. Port Placement, Sequence of Operation, Exposures
*David C. Rice, Houston, TX*

10:20 a.m. – 10:40 a.m. Panel Discussion

10:40 a.m. – 11:00 a.m. BREAK

11:00 a.m. – 12:20 p.m. Session 3: Robotic Anatomic Lung Resection II – Technical Approaches to Lobectomy
**Moderators:** Mark R. Dylewski, Palmetto Bay, FL, and Michael D. Zervos, New York, NY

11:00 a.m. – 11:15 a.m. Mediastinal Lymph Node Dissection and Fissure Approaches
*Inderpal S. Sarkaria, Pittsburgh, PA*

11:15 a.m. – 11:30 a.m. Right Upper Lobectomy, Right Middle Lobectomy
*Richard S. Lazzaro, New York, NY*

11:30 a.m. – 11:45 a.m. Left Upper Lobectomy
*Bernard J. Park, New York, NY*

11:45 a.m. – 12:00 p.m. Lower Lobectomy
*Michael D. Zervos, New York, NY*

12:00 p.m. – 12:20 p.m. Panel Discussion

12:20 p.m. – 1:30 p.m. LUNCH / OPEN PANEL SYMPOSIUM AND DISCUSSION
**Conversions and Management of Bleeding**
**Moderators:** Inderpal S. Sarkaria, Pittsburgh, PA, and Abbas E. Abbas, Philadelphia, PA
**Panel:** Robert J. Cerfolio, New York, NY, Mark R. Dylewski, Palmetto Bay, FL, David C. Rice, Houston, TX, and Bernard J. Park, New York, NY

1:30 p.m. – 2:45 p.m. Session 4: Robotic Anatomic Lung Resection Part III – Advanced Lung Resections
**Moderators:** Eric M. Toloza, Tampa, FL, and Laurence N. Spier, Great Neck, NY

1:30 p.m. – 1:45 p.m. Robotic Segmentectomy: Upper Lobes
*Abbas E. Abbas, Philadelphia, PA*

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<table>
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<th>Time</th>
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| 1:45 p.m. – 2:00 p.m. | Robotic Segmentectomy: Lower Lobes  
*Luis J. Herrera, Orlando, FL* |
| 2:00 p.m. – 2:15 p.m. | Robotic Sleeve Resection  
*Mark R. Dylewski, Palmetto Bay, FL* |
| 2:15 p.m. – 2:30 p.m. | Robotic Chest Wall Resection  
*Laurence N. Spier, Great Neck, NY* |
| 2:30 p.m. – 2:45 p.m. | Panel Discussion |
| 2:45 p.m. – 3:05 p.m. | **BREAK** |
| 3:05 p.m. – 5:00 p.m. | **Session 5: Robotic Thymectomy, Thoracic Outlet, Diaphragm Plication, Bronchoplasty**  
**Moderators:** *David C. Rice, Houston, TX, and Richard S. Lazzaro, New York, NY* |
| 3:05 p.m. – 3:20 p.m. | Robotic Mediastinal Mass Resections: Options for Approaches  
*Laurence N. Spier, Great Neck, NY* |
| 3:20 p.m. – 3:35 p.m. | Robotic Thymectomy: Early Stage Left and Right Approach  
*Bernard J. Park, New York, NY* |
| 3:35 p.m. – 3:50 p.m. | Robotic Thymectomy: Advanced Resections  
*Inderpal S. Sarkaria, Pittsburgh, PA* |
| 3:50 p.m. – 4:05 p.m. | Robotic First Rib Resection for Thoracic Outlet Syndrome  
*Farid Gharagozloo, Windermere, FL* |
| 4:05 p.m. – 4:20 p.m. | Diaphragmatic Plication and Posterior Mediastinal Masses  
*Abbas E. Abbas, Philadelphia, PA* |
| 4:20 p.m. – 4:35 p.m. | Tracheobronchoplasty  
*Richard S. Lazzaro, New York, NY* |
| 4:35 p.m. – 4:55 p.m. | Panel Discussion |
| 4:55 p.m. – 5:00 p.m. | **ADJOURNMENT** |

*Agenda and speakers are subject to change.*  
03/07/2018
Day 2  
Saturday, May 19, 2018 (7:00 a.m. – 11:30 a.m.)

7:00 a.m. – 7:30 a.m.  REGISTRATION / BREAKFAST

9:00 a.m. – 11:00 a.m.  Parallel Robotic Practicum
Instructors: Nicholas Baker, Pittsburgh, PA, and John F. Lazar, Washington, DC
Stations 1 and 2: Robotic Pyloroplasty & EEA Anastomosis
Stations 3 and 4: Robotic Virtual Simulation Tasks

7:30 a.m. – 9:20 a.m.  Session 6: Robotic Foregut Operations Part I – Benign Foregut Procedures
Moderators: Farid Gharagozloo, Windermere, FL, and Sudish C. Murthy, Cleveland, OH

7:30 a.m. – 7:45 a.m.  Overview of Approaches to Robotic Benign Foregut Procedures: Room Setup, Patient Positioning, Docking, Bedside Assistant
John F. Lazar, Washington, DC

7:45 a.m. – 8:00 a.m.  Port Placement, Sequence of Operation, Exposures
Matthew G. Hartwig, Durham, NC

8:00 a.m. – 8:15 a.m.  Robotic Gastrofundoplication
Sudish C. Murthy, Cleveland, OH

8:15 a.m. – 8:30 a.m.  Robotic Heller Myotomy and Dor Fundoplication
Jon O. Wee, Boston, MA

8:30 a.m. – 8:45 a.m.  Robotic Giant Paraesophageal Hernia Repair and Collis Gastroplasty
Inderpal S. Sarkaria, Pittsburgh, PA

8:45 a.m. – 9:00 a.m.  Robotic Gastric Neural Stimulator Placement
Abbas E. Abbas, Philadelphia, PA

9:00 a.m. – 9:20 a.m.  Panel Discussion

9:20 a.m. – 9:40 a.m.  BREAK

9:40 a.m. – 11:20 a.m.  Session 7: Robotic Foregut Operations Part II – Robotic Esophagectomy
Moderators: Jon O. Wee, Boston, MA, and Matthew G. Hartwig, Durham, NC

9:40 a.m. – 10:00 a.m.  Overview of Options for Robotic Esophagectomy Approaches
Jon O. Wee, Boston, MA

10:00 a.m. – 10:20 a.m.  Robotic McKeown and Transhiatal Esophagectomy
Abbas E. Abbas, Philadelphia, PA

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