

# CENTER FOR ADVANCED ROBOTICS TRAINING

## Robotic ENT Course (3D) University of Pittsburgh Medical Center

### Agenda

#### Course Objectives

1. Skills development and refinement for conducting robotic ENT procedures:
  - a. Basic Robotic Mastery: Camera, Clutch, Centering Surgical Image, Communication, Docking, 4<sup>th</sup> Arm
  - b. Procedure Based Skills and Best Practices: Retraction Techniques, Handling Tissue, Dissection Techniques
  - c. Procedures: Robotic thyroidectomy, robotic submandibular gland excision, robotic neck dissection

#### Arrival Day: Friday, August 14, 2015

| Time              | Activity   | Location   |
|-------------------|--|------------|
| 3:00 PM           | Arrive UPMC – Meet Jennifer Bonfili, BST Lobby   |            |
| 3:15 PM           | Change   |            |
| 3:30 PM- 5:30 PM  | Simulation Lab Session #1: Surgeon and Patientside Assistant<br>M Score Overview & Skills Assessment<br>Establish Baseline M Scores<br><b>Simulation Session Analysis: Mimic Technologies</b>  |            |
| 6:00 PM           | Self-transportation to restaurant  |            |
| 6:30 PM           | Dinner   |            |
| 7:05 PM           | Dinner served  |            |
| 7:15 - 8:15 PM    | Dr. Uma Duvvuri Lecture: <i>Video Analysis of Selected Robotic ENT Procedures</i><br>Jennifer Bonfili, Robotics RN Clinician Lecture: <i>ENT Robotics from a Nursing Prospective</i><br>Christina Fratangelo, CRNP Lecture: <i>Post-operative Management of Robotic Patients</i> |            |
| 8:15 PM - 8:45 PM | Q & A Session  | Restaurant |
| 9:00 PM           | Adjourn: Self-transportation to hotel  |            |

#### Day 1: Saturday, August 15, 2015

| Time              | Activity   | Location               |
|-------------------|--|------------------------|
| 7:30 AM           | Arrive UPMC – Meet Jennifer Bonfili, BST Lobby   | 203 Lothrop Street     |
| 7:45 AM           | Change   | Locker Room            |
| 8:00 – 10:00 AM   | Simulation Lab Session #2: Surgeon and Patientside Assistant<br>M Score Overview & Skills Assessment<br>Establish Baseline M Scores<br>Simulation Session Analysis: Mimic Technologies | OR 25 Observation Room |
| 10:00 – 12:00 AM  | Robotic ENT Lab #1:<br>Creation of working space, retroauricular approach  | OR 25                  |
| 12:00 – 12:45 PM  | Lunch  |                        |
| 12:45 PM          | Move to OR   |                        |
| 1:00 – 3:30 PM    | Robotic ENT Lab #2<br>Robotic SMG resection and thyroidectomy  | OR 25                  |
| 3:30 – 3:45 PM    | Break  |                        |
| 3:45 PM – 5:15 PM | Simulation Lab Session #3: Surgeon and Patientside Assistant   | OR 25 Observation      |

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|                |  |                           |
|----------------|--|---------------------------|
|                | Augmented Reality Demonstration<br>Final Team Analysis                       | Room                      |
| 5:15 – 5:45 PM | Final Q&A Session<br>Closing Remarks: Dr. Umma Duvvuri<br>Post Course Survey | OR 25 Observation<br>Room |
| 5:45 – 6:00 PM | Change   | Locker Room               |
| 6:00 PM        | Adjourn: Self-transportation to Hotel  |                           |