ADVANCED MINIMALLY INVASIVE LIVER SURGERY WORKSHOP
May 25, 2018

ABOUT THE CONFERENCE
There have been significant developments in the minimally invasive treatment of liver tumors over the last decade with the advancement of technology. Laparoscopic hepatectomy techniques have matured to perform many resections minimally invasively. Robotic technology has caused a technical shift, to being able to mimic open surgery with laparoscopic surgery with the versatility of robotic instruments. Furthermore, ablation technologies are continuously evolving, with the emergence of new technologies that enable more effective and efficient tumor destruction.

This 1-day course is an opportunity for an update in these technologies, with a strong emphasis on procedural details and an animal lab to be able to master these techniques. At the end of the course, the participants are expected to learn these procedures and introduce them to their practice.

TARGET AUDIENCE
General surgeons, surgical oncologists, HPB surgeons, interventional radiologists.

LEARNING OBJECTIVES
Upon completion of this activity, the participants will be able to:
- Understand the differences between different ablation technologies
- Acquire the basic skills to perform radiofrequency, microwave and thermosphere ablation
- Acquire an understanding of the detailed surgical steps of laparoscopic and robotic liver resection

CONFERENCE AGENDA

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>Registration and Breakfast</td>
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<tr>
<td>8:00 am</td>
<td>Laparoscopic Ultrasound</td>
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<tr>
<td>8:15 am</td>
<td>Laparoscopic Radiofrequency Ablation</td>
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<td>8:45 am</td>
<td>Laparoscopic Microwave/Thermosphere Ablation</td>
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<tr>
<td>9:10 am</td>
<td>Planning and Intraoperative Navigation for Thermosphere Ablation</td>
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<tr>
<td>9:45 am</td>
<td>Coffee Break</td>
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<tr>
<td>10:15 am</td>
<td>Basics of Laparoscopic Liver Resection</td>
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<tr>
<td>10:45 am</td>
<td>Laparoscopic Major Hepatectomy</td>
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<tr>
<td>11:15 am</td>
<td>Robotic Liver Resection</td>
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<tr>
<td>11:45 am</td>
<td>Discussion</td>
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<tr>
<td>12:00 pm</td>
<td>Lunch</td>
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<tr>
<td>1:00 pm</td>
<td>Hands on Lab: Laparoscopic Microwave/Thermosphere Ablation, Laparoscopic Liver Resection</td>
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COURSE DIRECTOR

- Eren Berber, MD
  Professor of Surgery
  Co-Director, Multidisciplinary Liver Tumor Program
  Director, Robotic Endocrine Surgery
  Departments of General & Endocrine Surgery
  Cleveland Clinic

- John Fung, MD, PhD
  Professor of Surgery
  Chief, Section of Transplantation
  Director, Transplantation Institute
  University of Chicago

- Pier C. Giulianotti, MD, FACS
  Professor & Chief
  Division of General, Minimally Invasive & Robotic Surgery
  University of Illinois at Chicago

REGISTRATION FEE

- Lecture and Hands-On Lab: $750
- Lecture Only: $250

Please email danijaco@uic.edu for further details
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LOCATION

GENERAL SURGERY OFFICE  (Breakfast & Registration)

CLINICAL SCIENCES BUILDING
840 SOUTH WOOD STREET,
SUITE 435E, 4TH FLOOR
CHICAGO, IL  60612