

# ADVANCED HANDS-ON COURSE ON SURGICAL TUMOR ABLATION

UIC Training Center, Chicago, IL

May 5, 2024

## CONFERENCE AGENDA

- 7:00 am Registration and Breakfast
- 8:00 am Laparoscopic and Open Ultrasound
- 8:30 am Laparoscopic and Open Radiofrequency Ablation
- 9:00 am Laparoscopic and Open Microwave Ablation :  
Emprint and Neuwave systems
- 9:30 am Coffee break
- 10:00 am Laparoscopic and Open Microwave Ablation: Solero system
- 10:20 am Surgical use of Irreversible Electroporation
- 10:50 am Use of Ablation to assist in Liver resection
- 11:10 am Modified live liver ablation procedure
- 12:00 pm Lunch
- 1:00 pm Hands on Lab: All ablation technologies, call liver and laparoscopic bovine set up

## COURSE DIRECTOR

Director, Surgical Liver Tumor Ablation, Cleveland Clinic

## INVITED FACULTY

**Robert Martin, MD**

Professor of Surgery

Director, Surgical Oncology, University of Louisville

**John Fung, MD**

Professor of Surgery

Director, Transplantation Institute, University of Chicago



## ABOUT THE CONFERENCE

Ablation technologies are continuously evolving, with the emergence of new technologies that enable more effective and efficient tumor destruction. Currently, surgeons face many options to choose from.

Furthermore, each technology and device utilize different ablation algorithms and require different principles for needle placement.

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, liver transplant surgeons, fellows in training.

## 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 ablation, microwave ablation, and IRE
- Acquire an understanding of the detailed surgical steps of laparoscopic and open hepatic and pancreatic tumor ablations

## REGISTRATION FEE

Lecture and Hands-On Lab: **\$500**

Lecture Only: **\$250**

Please email [lhchen@uic.edu](mailto:lhchen@uic.edu) for further details.