

## COURSE VENUE

Humanitas Research Hospital  
Via Manzoni, 56  
20089 Rozzano, Milan - Italy



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## SCIENTIFIC SECRETARIAT

Matteo Cimino, Daniele Del Fabbro, Matteo Donadon,  
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## ORGANIZING SECRETARIAT



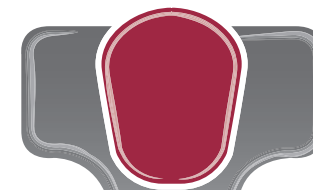
### MATERIA PRIMA

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**HU** HUMANITAS  
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European  
School of Surgical  
Ultrasonography



**I.O.U.S.**  
Intra Operative  
Ultra Sound

# LIVER SURGERY

Humanitas Research Hospital, Milan

SEPTEMBER 25 | 26 | 27, 2019

OCTOBER 14 | 15 | 16, 2019

NOVEMBER 6 | 7 | 8, 2019

DECEMBER 18 | 19 | 20, 2019

## COURSE DIRECTOR

Prof. Guido Torzilli  
Guido Torzilli, MD, PhD, FACS  
Dept. of Surgery – Div. of Hepatobiliary Surgery  
Humanitas University & Research Hospital, Milan

[www.essu.it](http://www.essu.it)



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In liver surgery, the operative decision making and the surgical performance are significantly improved by using the ultrasound.

Therefore an adequate background in ultrasound should be in the armamentarium of any liver surgeon, and for that the educational offer is crucial.

For this reason we have thought to establish courses where surgeons could be introduced to the intraoperative use of ultrasound.

Introductory lecture, and live demo with skills feature these short and intense courses with the intent to promote the use of ultrasound during liver surgery by demonstrating its impact on the surgical strategy both by means of a better staging, but moreover by providing otherwise unsuitable technical solutions which have a direct impact in the patients management.

Better understanding of ultrasound and moreover acquisition of the bases for those skills indispensable for optimizing the intraoperative use of ultrasound is the mission of ESSU and IOUS courses, which should allow present and next generation of surgeons to feel the way ultrasound is changing their surgical practice, and to perform safer and more effective surgical procedures.

*Guido Torzilli, MD, PhD, FACS*

## INFO & REGISTRATION

[www.essu.it](http://www.essu.it)

[www.materiale1a.it](http://www.materiale1a.it)

SEPTEMBER 25 | 26 | 27, 2019

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## FIRST DAY

- 5:00 pm Welcome address and course presentation  
Lecture: why and how IOUS/ ESSU guidance in liver surgery  
Cases presentation
- 7:00 pm *Closing of the first day*

## SECOND DAY - OPERATING ROOM

- 8:30 am Live surgery and intraoperative skills
- 1:00 pm *Lunch*
- 2:00 pm Live surgery
- 5:00 pm *Closing of the second day*
- 8:30 pm *Course dinner*

## THIRD DAY - OPERATING ROOM

- 8:30 am Live surgery and intraoperative skills
- 1:00 pm *Lunch*
- 2:00 pm Live Surgery Conclusions and take-home messages
- 5:00 pm *Closing of the course*