



**21st-23rd October
2026**

**Humanitas Research Hospital
Via A. Manzoni 56,
Rozzano (MI)**

ESSU Course 2026
**EUROPEAN SCHOOL OF SURGERY
ULTRASONOGRAPHY**

**COURSE DIRECTOR
Guido Torzilli**



**HU HUMANITAS
UNIVERSITY**

Course type and target

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 (European School of Surgery Ultrasonography) 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.

Humanitas University, as organizational secretariat, is organizing the aforementioned event under the scientific direction of Prof. Guido Torzilli, head of Humanitas Liver Surgery Department and Director of the School of General Surgery of Humanitas University.

FACULTY

Bruno Branciforte
Guido Costa
Jacopo Galvanin
Flavio Milana
Angela Palmisano
Fabio Procopio
Guido Torzilli

PROGRAM

FIRST DAY

16.30 - 16.40

Welcome address and course presentation

16.40 - 18.10

Lecture: why and how IOUS/ESSU guidance in liver surgery -
G. Torzilli

18.10 - 19.10

Cases presentation to which ESSU guidelines are applicable -
F. Milana
End of Day 1

SECOND DAY

8.00 - 11.10

Group 1

Surgery Simulation: Tips & tricks for IOUS guided dissection
(Hands-on with IOUS Phantom) - *F. Milana*

Group 2

Surgery Simulation: RVS with Synapse 3D - *G. Costa*

11.10 - 11.30

Coffee break

11.30 - 11.40

Description of patient case that will be undergoing surgery in
the morning - *F. Milana*

11.40 - 12.30

Live Surgery on the OR

1st Part: Intraoperative skills (B-mode, Color mode, Contrast,
Elastography and Fusion) - *G. Torzilli*

12.30 - 13.30

Lunch Break

13.30 - 17.30

Live Surgery from OR

2nd Part: Intraoperative skills - *G. Torzilli*
End of Day 2

THIRD DAY

8.00 - 11.10

Group 1

Surgery Simulation: RVS with Synapse 3D - *G. Costa*

Group 1

Surgery Simulation: Tips & tricks for IOUS guided
dissection (Hands-on with IOUS Phantom) - *F. Milana*

11.10 - 11.30

Coffee break

11.30 - 11.40

Description of patient case that will be undergoing surgery
in the morning - *F. Milana*

11.40 - 12.30

Live Surgery on the OR

1st Part: Intraoperative skills (B-mode, Color mode,
Contrast, Elastography and Fusion) - *G. Torzilli*

12.30 - 13.30

Lunch Break

13.30 - 17.30

Live Surgery from OR

2nd Part: Intraoperative skills - *G. Torzilli*
End of Day 3

REGISTRATION

Registrations will open on April 1st at www.humanitasedu.it

Registration fee is € 1.500,00 + vat (22%) and is comprehensive of:

- Food breaks as listed in the programme,
- Certificate of participation,
- Access to OR and required garments,
- Copy of educational materials

Accommodation is not included.

TARGET

3 physicians specialized in all Surgeries:
General Surgery, Hepatobiliary Surgery.

ORGANIZING SECRETARIAT

Humanitas Edu

edu@hunimed.eu

VENUE

Humanitas Research Hospital,

Via Alessandro Manzoni 56,
20090 Rozzano (MI)



HUMANITAS EDU
SIMULATION CENTER



HUMANITAS EDU
ANATOMY LAB



HUMANITAS EDU
CONGRESS CENTER

HUMANITAS EDU: L'ACCELERATORE DI FORMAZIONE MEDICA SPECIALISTICA