



*Bedside Ultrasound
in the ICU Seminar*



Introductory 1-day course

8:45-9:00: Welcome

9:00-9:15: Introduction – The FOCUS exam

A-) Ultrasonography: Basic principles

9:15-9:45:

- ➔ Technical aspects and 2-D imaging
- ➔ Doppler echo

B-) « Goal-directed » echocardiography

9:45-10:30: Anatomy, views, orientation - part I

- ➔ Probe positioning, spatial orientation, ...
- ➔ Parasternal long-axis and short-axis views

10:30-11:30: Practical session #1

- > Familiarisation
- > Parasternal long-axis and short-axis views

11:30-12:15 : Lunch

12:15-12:45 Anatomy, views, orientation - part II

- ➔ Apical 4-chamber and sub-costal views

12:45-13:30: Practical session # 2

- > Apical 4-chamber and sub-costal views

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C-) « Goal-directed » General Ultrasonography

13:30-14:15 : Vessel assessment (central and peripheral vessels)

**14:15-15:15 : Practical session # 3: > Assessment of central and peripheral vessels
> Echo-guided line insertion (on simulators)**

15:15-15:30: Break

15:30-15:50 : Pleural space assessment for free fluid

15:50-16:15 : Abdominal space assessment (free fluid, aorta and urinary bladder)

**16 :15-17 :00 : Practical session # 4:
> Pleural and abdominal spaces
> Abdominal aorta and urinary bladder**

17 :00 : Conclusion of the program.

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