

Ecscopy

(diagnostic power and use)

- Pleural, pericardial, peritoneal effusions (p/a, extent)
- Wet or dry lung (p/a)
- Dilated heart ventricles (p/a)
- Severe cardiac systolic dysfunction (p/a)
- Collapsible inferior vena cava (p/a)
- Palpable or suspected abdominal mass (p/a, solid vs liquid)
- Atrophy or megaly of abdominal viscera (p/a)
- Hydrops of the gallbladder (p/a, large stones)
- Hydronephrosis (p/a)
- Intestinal and biliary obstruction (p/a)
- Abdominal aortic aneurysm (p/a)
- Bladder outlet obstruction (p/a)
- Thoracentesis, paracentesis US-assisted
- Catheter into the bladder (*) (p/a)

p/a: presence vs. absence

**: also performed by the nursing staff*



Point of Care US

(diagnostic power and use)

1st module: Fundamentals in US

- Fundamentals of clinical bedside US examen
- Bedside US devices machines
- Indications to referral to second opinion or expert levels:
 - Fundamental US
 - Contrast Enhancement US (CEUS)
 - Interventional US

2nd module: Patients with neck nodules

- The nodule of the neck: clinical approach
- Normal US findings
- Salivary gland disease
- The thyroid nodule
- Superficial lymphadenopathy

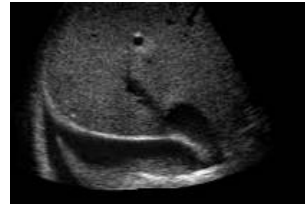
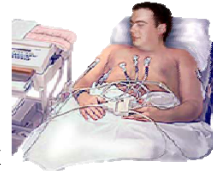


Point of Care US

(diagnostic power and use)

3rd module: Patient with cardio-respiratory pathology

- Dyspnoea: clinical approach
- Normal US findings
- Pleural and pericardial effusion
- Interstitial pathology, pleural or pulmonary consolidations, PNX
- Dimensions of cardiac chambers
- Normokinesis, hypokinesis, hyperkinesia: inspective EF
- Severe valvulopathy
- Inferior vena cava
- US-guided thoracentesis



Point of Care US

(diagnostic power and use)

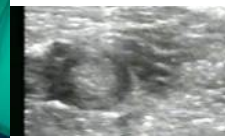
4th module: Patients with abdominal diseases

- Normal US findings
- Ascites and abdominal masses
- Focal parenchymal lesions (>2 cm)
- Jaundice, cholelithiasis, cholecystitis, cholangitis
- Renal failure, hydronephrosis, renal stones
- Abdominal aortic aneurysm (surgery or follow-up?)
- Bowel obstruction, appendicitis, diverticulitis, IBD and tumours
- US-guided paracentesis



5th module: Patients with limb edema

- "Swollen" leg: clinical approach
- Normal US findings
- Deep venous thrombosis (DVT)





Minimaster SIMI in Eco Bedside

Minimaster in Ecoscopy

The SIMI certificate of competence of first level of bedside US is achieved by means of participation in:

- 1) theory bedside US course held every year in the SIMI National Congress
- 2) theory and practical bedside US stage of one week in a SIMI School, according to the educational program of Ecoscopy



Minimaster in Point of Care US

The SIMI certificate of competence of second level of bedside US is achieved by means of :

- 1) acquisition of the certificate of Minimaster SIMI in Ecoscopy
- 2) participation in one theory bedside US course in a SIMI Naz School
- 3) practical bedside US stage of two weeks in a SIMI Naz School, according to the educational program of Point of care US

Bedside Ultrasonography (US), Echoscapy and US Point of Care as a new kind of stethoscope for Internal Medicine Departments: the training program of the Italian Internal Medicine Society (SIMI)
Ultrasound SIMI Study Group

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Fig. 2 Italian distribution of SIMI Schools that organize theoretical and practical course of bedside US for all Internal Medicine specialists



Minimaster SIMI di Ecografia Bedside di I livello



Corso di Ecografia Bedside:
l'ecoscopia, ovvero il
fonendoscopio ad ultrasuoni
(*semeiotica ecoscopica normale e
patologica in Medicina Interna*)