



# ANMCO

## ASSOCIAZIONE NAZIONALE MEDICI CARDIOLOGI OSPEDALIERI

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### Corso ANMCO di Formazione a Distanza

## IMPARARE “L’ECO POLMONARE” DURANTE LA PANDEMIA DI COVID-19 OVVERO COME FARE L’ECOGRAFIA TORACICA, I QUADRI NORMALI, GLI ASPETTI PATOLOGICI CON CASI CLINICI E L’ANALISI DEI PAZIENTI COVID-19 SOSPETTI O CERTI

Piano Formativo 2020-2021  
3 giugno 2020 - 30 marzo 2021

### PROGRAMMA

#### MODULO I: COME FARE L’ESAME NORMALE E ASPETTI NORMALI

- **VIDEO:** Come fare l’esame normale e aspetti normali
- **ARTICOLI SCIENTIFICI:**
  - Lichtenstein DA. **Lung ultrasound in the critically ill.** Ann Intensive Care. 2014 Jan 9;4(1):1
  - M.E. Haaksma, L. Atmowihardjo, L. Heunks, A. Spoelstra-de Man, P.R. Tuinman. **Ultrasound imaging of the diaphragm: facts and future. A guide for the bedside clinician.** NETH J CRIT CARE 2018(2);26 58-63
- **SLIDE:** Imparare “l’ECO Polmonare” durante la pandemia di COVID: come fare l’ecografia toracica e i quadri normali
- **RELATORE:** Paolo Trambaiolo (Roma)



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### MODULO II: I QUADRI PATOLOGICI E CASI CLINICI

- **VIDEO:** I quadri patologici e casi clinici
- **ARTICOLI SCIENTIFICI:**
  - Bouhemad B, Mongodi S, Via G, Rouquette I. **Ultrasound for "lung monitoring" of ventilated patients.** *Anesthesiology.* 2015 Feb;122(2):437-47
  - Winkler MH, Touw HR, van de Ven PM, Twisk J, Tuinman PR. **Diagnostic Accuracy of Chest Radiograph, and When Concomitantly Studied Lung Ultrasound, in Critically Ill Patients With Respiratory Symptoms: A Systematic Review and Meta-Analysis.** *Crit Care Med.* 2018 Jul;46(7):e707-e714
  - Mekontso Dessap A, Proost O, Boissier F, Louis B, Roche Campo F, Brochard L. **Transesophageal echocardiography in prone position during severe acute respiratory distress syndrome.** *Intensive Care Med* (2011) 37:430–434
  - Piccoli M, Trambaiolo P, Salustri A, Cerquetani E, Posteraro A, Pastena G, Amici E, Papetti F, Marincola E, La Carruba S, Gambelli G. **Bedside diagnosis and follow-up of patients with pleural effusion by a hand-carried ultrasound device early after cardiac surgery.** *Chest.* 2005 Nov;128(5):3413-20
  - Vignon P, Repessé X, Vieillard-Baron A, Maury E. **Critical care ultrasonography in acute respiratory failure.** *Crit Care.* 2016 Aug 15;20(1):228
  - Turton P, ALAidarous S, Welters I. **A narrative review of diaphragm ultrasound to predict weaning from mechanical ventilation: where are we and where are we heading?** *Ultrasound J.* 2019 Feb 28;11(1):2
  - Saraogi A. **Lung ultrasound: Present and future.** *Lung India.* 2015 May-Jun;32(3):250-7.
  - Steenvoorden TS, Hilderink B, Elbers PWG, Tuinman PR. **Lung point in the absence of pneumothorax.** *Intensive Care Med.* 2018;44(8):1329-1330
  - Corcoran JP, Tazi-Mezalek R, Maldonado F, Yarmus LB, Annema JT, Koegelenberg CFN, St Noble V, Rahman NM. **State of the art thoracic ultrasound: intervention and therapeutics.** *Thorax.* 2017 Sep;72(9):840-849
  - Volpicelli G, Mayo P, Rovida S. **Focus on ultrasound in intensive care.** *Intensive Care Med.* 2020 Mar 31
  - Liccardo B, Martone F, Trambaiolo P, Severino S, Cibinel GA, D'Andrea A. **Incremental value of thoracic ultrasound in intensive care units: Indications, uses, and applications.** *World J Radiol.* 2016 May 28;8(5):460-71
- **SLIDE:** I quadri patologici e casi clinici
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### MODULO III: **L'ECOGRAFIA TORACICA NEI PAZIENTI SOSPETTI O CERTI COVID**

- **VIDEO:** L'ecografia toracica nei pazienti sospetti o certi COVID
- **ARTICOLI SCIENTIFICI:**
  - Ugalde D, Medel JN, Romero C, Cornejo R. **Transthoracic cardiac ultrasound in prone position: a technique variation description.** Intensive Care Med. 2018 Jun;44(6):986-987
  - **A preliminary study on the ultrasonic manifestations of peripulmonary lesions of non-critical novel coronavirus pneumonia (COVID-19)**
  - **Findings of lung ultrasonography of novel corona virus pneumonia during the 2019–2020 epidemic**
- **SLIDE:** L'ecografia toracica nei pazienti sospetti o certi COVID
- **RELATORE:** Paolo Trambaiolo (Roma)