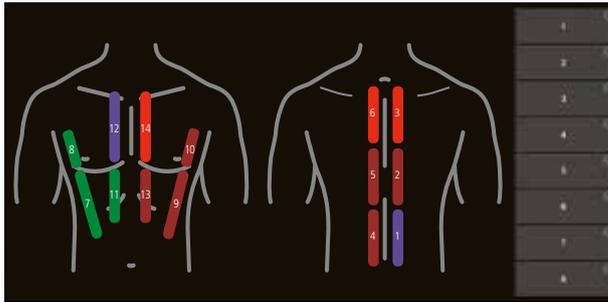


# MyLab™ Lung Ultrasound Protocol

## The intelligent partner in fighting against Covid-19.

A step by step guide to scanning the LUNG, enabling you to trace all 14 zones (front, side and back) and check the pulmonary areas affected by SARS-CoV-2 pneumonia.



Developed in collaboration with



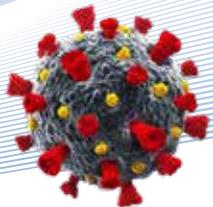
The Ultra Laboratory is part of Department of Information Engineering and Computer Science of the University of Trento.  
<https://sites.google.com/view/drlibertariodem>

\* REFERENCE: Soldati G, Smargiassi A, Inchingolo R, Buonsenso D, Perrone T, Briganti DF, Perlini S, Torri E, Mariani A, Mossolani EE, Tursi F, Mento F, Demi L. Proposal for International Standardization of the Use of Lung Ultrasound for Patients With COVID-19: A Simple, Quantitative, Reproducible Method. J Ultrasound Med. 2020 Jul;39(7):1413-1419. doi: 10.1002/jum.15285. PMID: 32227492; PMCID: PMC7228287

### Scan & Save your clips.

On the touchscreen, you can select the zone, fix the score index (from 0 to 3)\*, and confirm it. In the Report, you will get the total score index.

- Score 0: 
- Score 1: 
- Score 2: 
- Score 3: 



NEVER STOP SEEING THE UNSEEN.



# Our best proposal to detect Covid-19 pneumonia



Low-frequency probe to scan lung parenchyma and commonly used in emergency rooms for abdominal organs



High-frequency probe to scan pleural area and superficial structures. Commonly used to scan vessels and support line placement



## Cleaning and disinfecting probes:

Dedicated guidelines developed to avoid cross-contamination of patients or staff

MyLab™ Ultrasound data are fully compatible with



MyLab™ SIGMA

water resistant silicon cover

Complete	Fast	Compact	Connected
High performance in all the applications	2 probe connectors, up to 4 with multiconnector	Full screen mode	Follow Up and Multimodality options to retrieve different imaging modalities
Large probe portfolio and cover solution	Touchscreen with intuitive menus and new system cover	Swivelling monitor	Share real-time examination with e-streaming examination
Complete lung examination protocol	Long-duration battery and quick boot-up time (15")	Adjustable trolley	Always connected with wireless and LAN cable

## ICLUS - Italian Covid-19 Lung Ultrasound project

The goal of ICLUS is to develop an automatic grading, stratification, monitoring, and reporting system for patients with COVID-19 pneumonia using artificial intelligence techniques applied to the analysis of ultrasound images. ICLUS provides an extensive, complete, and structured national database of pulmonary ultrasounds, which can be used to determine the pathology's various stages of progress.

<https://iclus-web.bluetensor.ai/login>



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<https://sites.google.com/view/drilbertariodemi>



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Esaote S.p.A. - sole shareholder company - Via Enrico Meloni 77, 16152 Genova, ITALY, Tel. +39 010 6547 1, Fax +39 010 6547 275, info@esaote.com  
 MyLab is a trademark of Esaote spa. Technology and features are system/configuration dependent. Specifications subject to change without notice. Information might refer to products or modalities not yet approved in all countries. Product images are for illustrative purposes only. For further details, please contact your Esaote sales representative.  
 POINT-OF-CARE SOLUTIONS Lung Ultrasound Protocol is now available in all our portable and cart-based systems (MyLab™Omega, MyLab™Sigma, MyLab™X7, MyLab™X6, MyLab™X5, MyLab™X8, MyLab™X9)

