



AMOLAB

NEW SOLUTIONS FOR
DIAGNOSTIC IMAGING



SensUSLung

*smart portable ultrasound for diagnosis
non-invasive treatment of lung diseases*

the smart diagnostics

SensUS Lung

SensUS Lung is a portable ultrasound device designed to enable rapid and non-invasive assessment of lung health with real-time results.

Powered by the LUNG19 software, it identifies characteristic markers of various pathologies, indicating their severity through the calculation of specific indices:

- Pneumonia Score® (Pneumonia)
- Covid Index® (Covid-19)
- Effusion Volume (Pleural Effusion)
- Pleural Ratio (B-lines)
- Consolidation Volume (Consolidations)
- Pneumothorax Volume (Pneumothorax)

Triage and Patient Management:

- 1| Ultrasound scanning of the lungs (up to 14 zones)
- 2| Automated image processing
- 3| Zonal staging (Pneumonia Score from 0 to 4)
- 4| Automatic determination of the Covid Index (from 0 to 100%)
- 5| Real-time medical report
- 6| Monitoring at customized intervals (Follow-up)

Highlights:

- Battery-powered
- Easy to use
- Compatible with telemedicine systems
- Radiation-free
- Lightweight and portable
- Easy to disinfect



Automatic analysis



Quick Scan



Artificial intelligence



Objectification of the diagnosis



Immediate report



Portable solution

Examination Possibilities:

- At the patient's home
- In an ambulance
- In triage points
- In hospitals

Lung 19:

- Software-guided scans
- Intuitive graphical interface
- Operator-independent
- Quantitative indicators
- Accurate staging
- Short and long-term monitoring
- Pleural effusion
- Consolidations
- Pleural ratio
- Pneumothorax

Benefits and Impact

For Patients:

- Convenient examination, even at home
- Possibility of ongoing monitoring
- Easy and fast triage

For the National Healthcare System:

- Simple, non-invasive ultrasound examination with immediate results
- Ideal characteristics for mass population screening
- Cost-effective instrumental examination without the need for expert operators
- Software application integrable with various clinical parameters





Amolab is an “innovative SME”, specialized in research and development projects of medical devices at the service of the international medical community. Its patented, accurate, intelligent, and easy-to-use devices are aimed at improving the global health system and facilitating the decision-making process through personalized diagnosis.

The company, ISO 9001 and ISO 13485 certified, has defined and strengthened its international distribution network over time, by obtaining certifications and registrations in various countries around the world and signing commercial contracts in different continents.



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