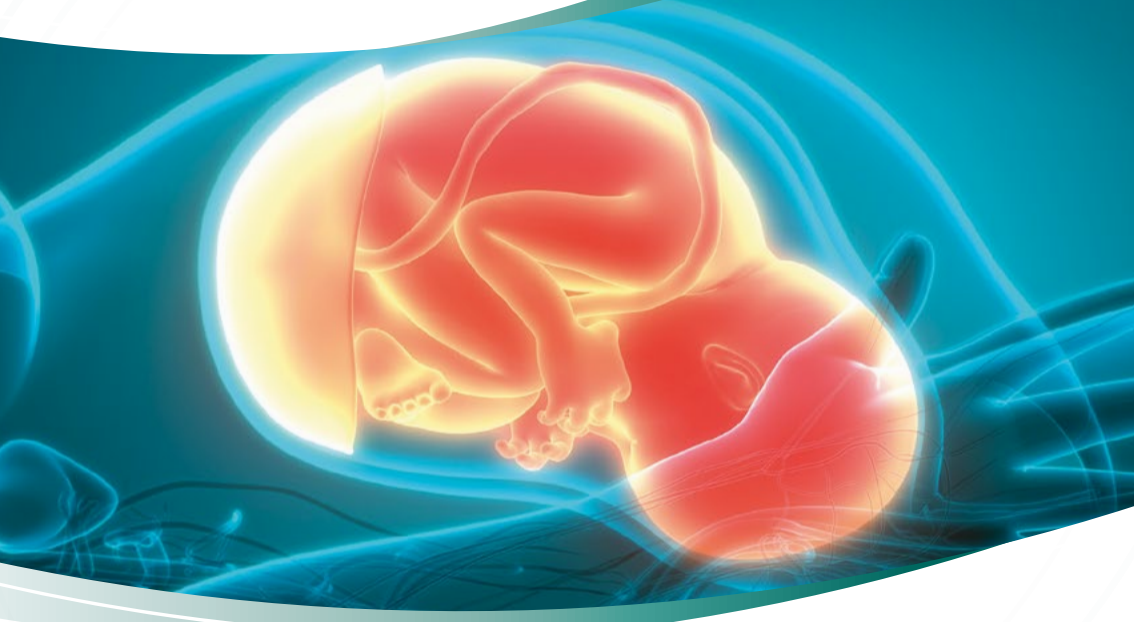




AMOLAB

NEW SOLUTIONS FOR  
DIAGNOSTIC IMAGING



# Labor**SIM**

*The latest generation 3D intrapartum ultrasound simulator*

***learning by training***

# LaborSIM

LaborSIM is a last-generation 3D ultrasound simulator designed to provide a realistic intrapartum ultrasound experience.

The integrated software allows the operator to train the use and the correct positioning of the ultrasound probe for the assessment of labor.

It allows a comprehensive, concrete training and unlimited practice, providing a wide range of real cases, overcoming the restrictions of clinical training. Furthermore, thanks also to the presence of uncommon clinical cases, it challenges and trains the operator. Portable and lightweight, it can be brought by teachers in international courses and conferences.



**Highly realistic 3D simulation**



**Different clinical cases**



**Possibility to perform measurements**



**Intuitive interface easy to use**

## Equipment:

- Simulated ultrasound probe with motion tracking system
- Labor SIM software
- Gynecological mannequin (3D structure in different options)



## Visualization system

LaborSIM allows to simulate a real ultrasound scan on a mannequin: thanks to its accurate integrated tracking system, the probe captures the operator's movements in real time and returns the corresponding ultrasound images on the monitor.

## Measurements

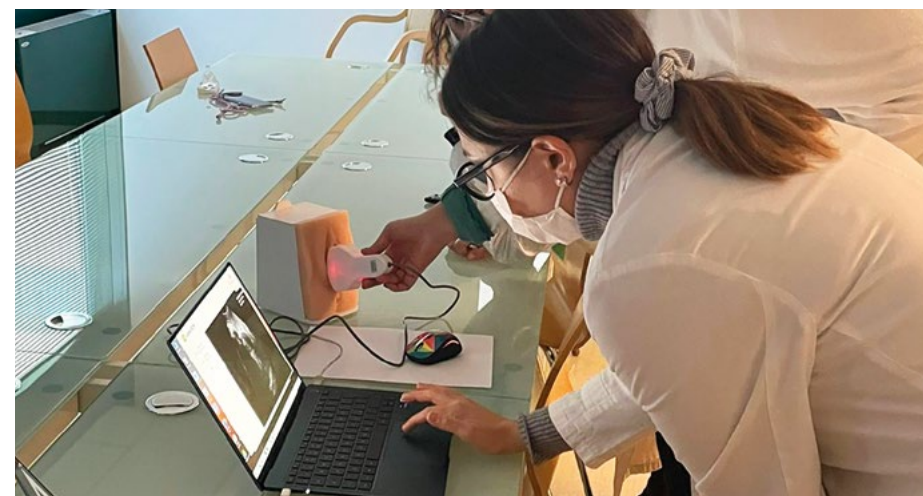
The software allows to measure different labor parameters:

- Any type of distance, such as head-to-perineum distance (HPD)
- Any type of angle, such as Rotation Angle (RA) and Progression Angle (PA).

## Double interface for teachers and trainees

It is a device for educators and trainees. The teacher can select the clinical case, train the students to correctly position the probe and to obtain the best visualization of the fetal position, and thus proceeding with the measurement of all labor parameters.

LaborSIM is a simulator that not only allows to evaluate the state of labor, but also trains the operator to position the probe for the correct visualization of the anatomical structures, reducing medical errors and improving clinical outcomes.





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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