



NEW SOLUTIONS FOR DIAGNOSTIC IMAGING



LaborSIM

The new simulator of intrapartum ultrasound

A realistic simulator
for the intrapartum
ultrasound examination



LaborSIM

Designed to provide a **realistic experience** of intrapartum ultrasound: trains the operator to the proper use and positioning of ultrasound probe for the assessment of labor progression. LaborSIM technology enables comprehensive training: with a multitude of real cases available, it allows trainee to unlimited practice and to be challenged by uncommon clinical cases. Highly portable, it can support teachers in courses and international conferences.



EQUIPMENT:

- A simulated USB probe equipped with a motion tracking system
- LaborSIM software
- Gynaecologic mannequin*



High realistic
experience



Multiple
cases



Easy-to-use
interface



Measuring
options



Developed in collaboration
with leading experts of
gynecologic ultrasound

SOFTWARE FEATURES

MOTION TRACKING SYSTEM

The innovation of LaborSIM is the possibility to simulate a real ultrasound scan on a mannequin: thanks to its accurate integrated tracking system, real B-mode images are displayed, corresponding to the probe position on the mannequin, in real time.



MEASURING

User can measure the labor parameters recommended by the ISUOG guidelines, such as Head to Perineum Distance (HPD), Angle of Progression (AoP) and Midline Angle (MLA).

DOUBLE INTERFACE FOR TEACHERS AND TRAINEE

A device dedicated to educators and practitioners. Once the teacher has selected the clinical case, students can be instructed to position the probe correctly in order to obtain the best visualization of the fetal position and proceed with the measurement of all labor parameters.

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

AMOLAB

Amolab is an innovative SME, founded in Lecce in 2011 as a spin-off of the National Research Council (Italy), and specialises in research, development, design and production of revolutionary ultrasound devices for diagnostic imaging. Amolab mission for studying new solutions is confirmed by its registration in the special section of the most innovative companies list. The company holds several patents for industrial inventions in the medical device field and is rapidly expanding the business worldwide.

LaborSIM

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Publications

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Registered office:

Via Raffaello Sanzio, 18
73100 Lecce - Italy
VAT number 04401310752
info@amolab.it - www.amolab.it

Headquarter:

Campus Ecotekne
Via Provinciale Monteroni
CNR-IFC Building C7
73100 Lecce - Italy