



AMOLAB

NEW SOLUTIONS FOR
DIAGNOSTIC IMAGING



SensUS Touch

*The first technological solution for safe,
automatic and non-invasive monitor of labor*

for a safer childbirth

SensUS Touch

It is a new ultra-portable ultrasound device which, through simple translabial scans, allows a quantitative, safe and non-invasive monitoring of all stages of labour. The innovative Amolab Suite software, the result of the most advanced ultrasound technologies, automatically provides accurate quantitative and objective measurements of the most important indicators of fetal progression.

SensUS Touch technology allows a completely objective assessment of delivery progression, minimizing operator dependency and the likelihood of human error. In a few seconds it is possible to visualize the progression of the fetus thanks to simple and intuitive 3D reconstructions, accompanied by graphs on indicators of clinical interest.



- **NON-INVASIVE**
- **SIMPLE**
- **AUTOMATIC**



Automatic analysis



Quick Scan



Artificial intelligence



Objectification of the diagnosis



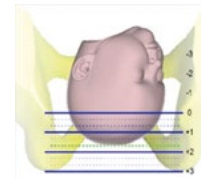
Immediate report



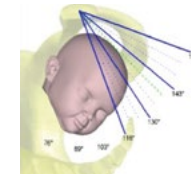
Portable solution

Rapid and automated assessment of fetal progression in the birth canal

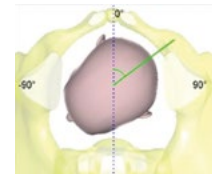
The Amolab Suite software, based on innovative real-time segmentation algorithms of ultrasound images, recognizes the reference bone interfaces and automatically calculates the main delivery progression indicators:



Fetal Station (FHS)



Angle of progression (PA)



Head Rotation (RA)

The operator immediately has a complete and reliable view of fetal progression by time

Main features

- Total duration of acquisition of 5 seconds
- Fully automatic image processing
- 2D visualization on ultrasound B-Mode
- 3D reconstruction
- Display of delivery progress curves (partogram)





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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Operational headquarters:

Campus Ecotekne
c/o Dhitech
c/o CNR-IFC Building C7
Via Provinciale Monteroni
73100 Lecce - Italy

Registered office:

Via Raffaello Sanzio, 18
73100 Lecce - Italy
VAT number 04401310752

www.amolab.it - sales@amolab.it

