

*Safe and comfortable fetal
monitoring is what mother and
child deserve*

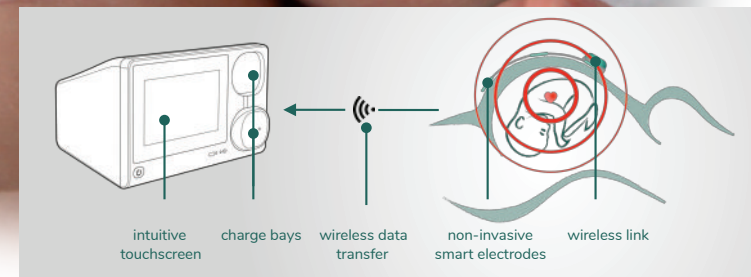
Smart, safe and comfortable fetal monitoring

Birth is a gift of nature, it is where life begins. Giving birth is a part of everyday life, yet at the same time extremely special.

We have created a new way of fetal monitoring, which will contribute significantly to the well-being of patients.

"We need a non-invasive fetal monitoring system - also in a future with obesity - which provides qualitative information and allows intervention, before any damage occurs to the unborn child."

Prof. Dr. Y. (Yves) Jacquemyn, UZA - Antwerp University Hospital.



Why?

Adequate fetal monitoring is essential in the optimal management of care for both expectant mother and her fetus during pregnancy and labour. Ideally, the technology used for fetal monitoring should be reliable, safe and operate without any discomfort to mother and child. Unfortunately nowadays, none of the existing fetal monitoring technologies meet all of these requirements.

Our solution

The non-invasive and wireless Nemo Fetal Monitoring System provides you fetal and maternal heart rate and uterine activity, all from a single measurement. Our system interfaces with existing infrastructure to support reliable early diagnosis in a safe and easy way.

The fetal monitoring solution that raises everyone's expectations

The Nemo Fetal Monitoring System provides healthcare professionals with information they need to do their job even better as today.

The Nemo Fetal Monitoring System:

- is an innovative, non-invasive solution
- delivers reliable, accurate, high-quality measurements
- is suitable for obese women
- is easy to use and comfortable to wear
- delivers continuous measurements, even in a shower
- is designed with future developments in mind
- helps to reduce overall cost of care

How?

The Nemo Fetal Monitoring System uses a dedicated multi-surface electrode patch with 6 electrodes. Fetal and maternal heart rate are derived from the recorded combined ECG-signals, and uterine activity is derived from the EMG-signals when the uterine muscle contracts. Proprietary algorithms in the Nemo Base convert the amplified and wirelessly transmitted electrophysiological signals from the Nemo Link to readable information that is directly provided to your central monitoring system.



Quality guaranteed

The non-invasive Nemo Fetal Monitoring System delivers high quality measurements without the risk of complications.

safe births, healthy children



About Nemo Healthcare

It all started with a clinical question about how the care for the unborn child and mother could be improved.

Nemo Healthcare was founded in May 2010 as the result of joint research between Máxima Medical Center Veldhoven (MMC) and Eindhoven University of Technology (TU/e), both in the Netherlands. We focus on the improvement of fetal monitoring, based on electrophysiological signals, non-invasively recorded on the maternal abdomen.



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Contact us

Nemo Healthcare
'MMC Incubator'
De Run 4630
5504 DB Veldhoven
The Netherlands
T: +31 40 751 6150
info@nemohealthcare.com

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