

The cardiotocography is the standard in prenatal care and fetal well-being assessment, which has been used all over the world for many years. The development of technology has made it possible to perform this standard examination remotely and independently by the patient, without the need for visits to the doctor's office and hospitalization. A proven and recognized method has a new mobile version, especially indicated for high-risk pregnancies.

Main indications for using Pregnabit Pro System:

- early detection of fetal emergency resulting from increasing hypoxia and metabolic acidosis,
- the patient's diseases: hypertension, diabetes, cholestasis, heart defects, antiphospholipid syndrome and more,
- pregnancy complications: placental insufficiency, oligohydramnios, polyhydramnios, fetal intrauterine growth disorders, PROM,
- past intrauterine fetal death,
- pregnant woman over 40 years old,
- infertility treatment,
- post-term pregnancy,
- decreased fetal activity,
- the occurrence of infectious diseases care of a pregnant woman or require enhanced assessment of the well-being of the fetus,
- pregnant undergoing oncological treatment.

” In conclusion, our findings suggest that home telemonitoring in pregnancy care is an acceptable alternative to monitoring selected pregnancies with complications, with a reduction in costs and higher patient satisfaction, and therefore has potential to reduce admissions and costs in obstetric care.

Bekker MN et al, Home telemonitoring versus hospital care in complicated pregnancies in the Netherlands: a randomised, controlled non-inferiority trial (HoTeL) *The Lancet Digital Health* 2023; 5, e116-124

” Home management of intermediate – and high-risk pregnant women including remote self-monitoring is feasible and appears beneficial in terms of maternal and fetal safety.

Zizzo AR, Hvidman L, Salvig JD, Holst L, Kyng M, Petersen OB. Home management by remote self-monitoring in intermediate- and high-risk pregnancies: a retrospective study of 400 consecutive women. *Acta Obstet Gynecol Scand.* 2022;101:135–144.

Pregnabit Pro System allows the patient to carry out a CTG examination on her own between follow-up visits anywhere and anytime. Always according to the decision and recommendation of the attending physician or midwife. The test recording can be evaluated in real time or later directly by the attending physician, midwife or outsourced to an external tele-monitoring center.

The person who is evaluating the CTG test have possibility to direct contact with the pregnant woman and receive basic information about the patient's current well-being and other note from patient if is needed.

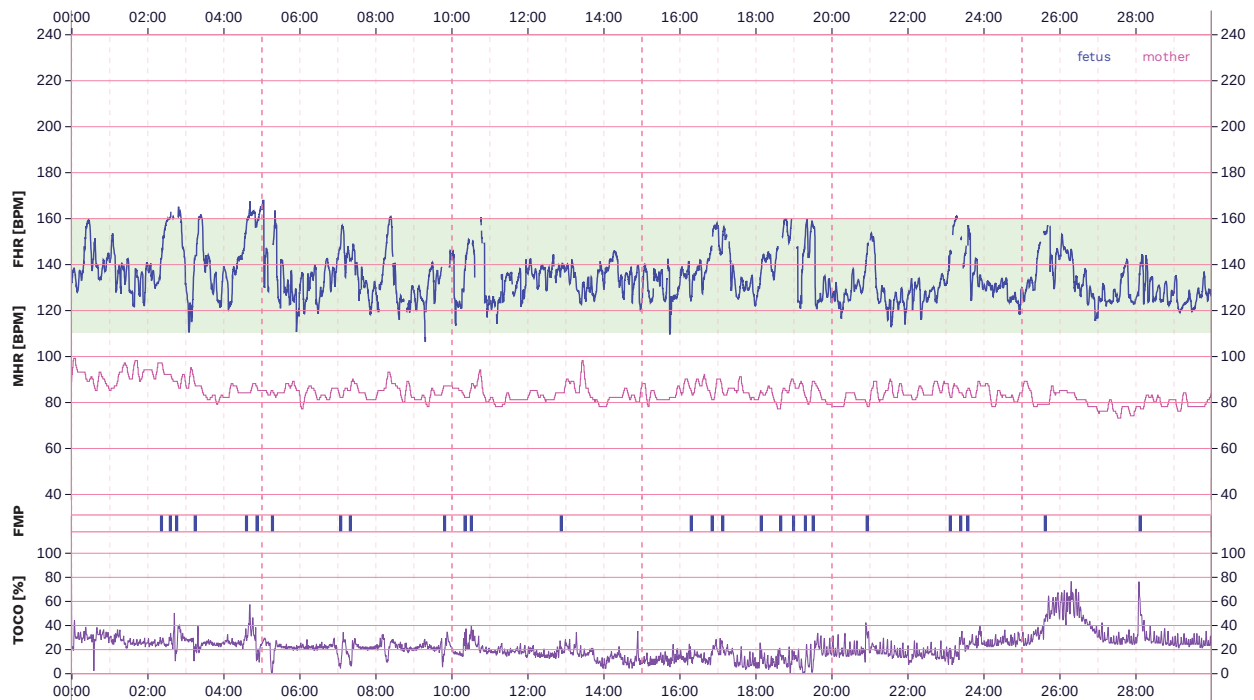
The pregnant woman has the opportunity to consult and verify her discomfort without the need to go to the medical facility. The mobile CTG recording evaluated by medical professionals allows to react more quickly to possible features of fetal distress.

CTG EXAMINATION REPORT

PATIENT: Julia Smith WEEK OF PREGNANCY: 38 PREGNANCY: 1 EXAMINATION DATE: 23.08.2021 INTERPRETING PERSON : Midwife
SUPERVISING PERSON : TYPE OF PREGNANCY: normal pregnancy CHILD BIRTH: 1 EXAMINATION STATUS: normal GENERATED BY: Physician



DESCRIPTION: Test



An example of the CTG recording from the Pregnabit Pro System