

Teaser

Innovation

CTG Sigmafon System – a wireless electronic fetal monitor for pregnant women, which can be used at home, in a clinic or anywhere in the world. It is the latest generation of digital, certified, fully professional telemedicine devices manufactured by the Polish company Med Systems.



The problem which it solves

An early detection of the development of hazards and ongoing control of fetus's wellbeing contribute to the rapid response of physicians and the implementation of appropriate medical procedures. This is particularly important in the observation of endangered pregnancies, preceded with trouble with conception, after the use of in vitro fertilization, and in pregnant women who have previously experienced abortions and complications - statistically about 30% of women.

Uniqueness of the solution

- Professional, certified medical device with a weight of 200 gr;
- Very accurate measurement (digital probes + preanalysis algorithms)
- A friendly, intuitive interface of the control and retransmission applications for your smartphone;
- Technical parameters identical or better than expensive stationary devices;
- Cooperation with computer Obstetric Supervision System;
- 24-hour access to previous research results;

Benefits for the doctor

- Optimal use of the facility's staff by transferring the obligation to carry out routine examinations on the patient
- The patient is stress-free at home performing as much examination as the doctor recommends
- Immediate interpretation of test results by a certified computerized Obstetric Supervision System (OSS)
- Supplementation of the CTG record by quantitative description of phenomena related to the fetus's condition
- Remote monitoring of any number of patients

Benefits for the patients

- 24-hour care, possibility to perform CTG examination at any time;
- Immediate interpretation and verification of the examination record by the doctor, result of the interpretation sent via text message/email/application;



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- Immediate physician response in the event of an alarming or emergency condition;
- Lack of stress connected with travel for a medical appointment

How it works

1. The doctor conducts a short training and a first examination to familiarize the patient with the principle of the functioning of the CTG Sigmafon System;
2. After selecting the Medical Package and signing the contract, the patient will receive the device from the doctor or it will be delivered by courier to her home address;
3. The patient at home performs CTG examination according to the physician's recommendation;
4. The examination must last at least 30 minutes;
5. At the end of the study, the patient will receive a feedback message with a verified interpretation.
6. In the event of emergencies or threats of the patient, the physician on duty from the Telemedicine Center will provide immediate contact.

Summary

Prevention and early detection of fetal malformations are highly pro-social actions, the telemedicine service will ultimately be offered at low cost so that it can be available for any future mom. This service is also part of the government's current pro-family activities.

