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FETAL WELL-BEING ASSESSMENT IN OUTPATIENT PREGNANT WOMEN USING WEARABLE DEVICES

Intrauterine activity is one of the most ancient and important signs of fetal well-being. Its perception reassures pregnant women and improves the fetus-maternal relationship. In 2012 Filiberto Di Prospero as a member of the Apple Developer Program published Fetal Activity Monitor (FAM), an app for smartphones and tablet PC that helps pregnant women in fetal movements, counting (kicks count); FAM for the first time introduced an interpretative support, integrable in more complex fetal surveillance systems. The new software (code name "Rose") that will be presented, provides a better diagnostic accuracy considering fetal Biorhythms. The Rose project is a great step forward and is an example of modern proximity medicine, that merges advanced scientific knowledge in fetal life with informatics and the modern wearable electronic technology.

Biography

Filiberto Di Prospero is Graduated as Medical Doctor in 1982 at Ancona University, Italy; Postgraduate School in Obstetrics and Gynecology, Endocrinology and Metabolism. Filiberto Di Prospero is a considered an expert in Medical Informatics and Computer Science with the passion to develop innovative solutions in health care. Some significant contributions: the first diagnostic support software for predicting human ovulation in 1990; the realization of one of the most important Italian websites on feminine health in 1999 (SaluteDonna.it); the first app for fetal well-being assessment, integrated into outpatient obstetric assistance in 2012; introduction of the new concept of "proximity medicine" in 2013.

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