



Software

Diagestacional App.

A research group at the Institute for Biomedical Research and Innovation of Cadiz (INiBICA) has designed an application to calculate the risk of gestational diabetes.

Oficina de
**TRANSFERENCIA
DE TECNOLOGÍA**
Sistema Sanitario Público de Andalucía



Description

Gestational diabetes is a disorder that can cause damage to the mother and child; poorly controlled gestational diabetes can lead to genital and urinary tract infections in the pregnant woman. It is also associated with an increased incidence of gestational hypertension and pre-eclampsia. In the child, problems often occur when diabetes is poorly controlled.

In this context, the Puerto Real University Hospital, through its Obstetrics and Gynaecology Department, in collaboration with the Endocrinology and Nutrition Department, has designed a predictive model through an app that calculates the risk of developing gestational diabetes, which is the most common endocrine disorder during pregnancy.

An INiBICA research group from the Obstetrics and Gynaecology Department, in collaboration with the Endocrinology and Nutrition Department, both from Puerto Real, has developed a predictive model that, using simple variables available in the first trimester of pregnancy, allows the probability of a woman developing diabetes during pregnancy to be determined. By asking 9 questions, the percentage risk of developing gestational diabetes, body mass index and significance and confidence interval will be known.



Advantages

Early detection of the risk of gestational diabetes, avoiding serious associated problems.



Intellectual/Industrial property

This technology is protected by an Intellectual Property Registry.



Aims

Collaboration is sought for the development and exploitation of the technology.



Classification

Area: Genecology

Pathology: Gestational diabetes



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