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## User friendly IT Services for Monitoring and Prevention during Pregnancy.

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### Abstract

A healthy lifestyle for a mother and monitoring both mother and fetus activities are crucial factors for a normal pregnancy without hazardous conditions. This paper proposes a cloud computing solution and a mobile application which collect data from the sensors to be used in Obstetrics-Gynecology Department. This application monitors the dietary plan of the pregnant and gives her the possibility to socialize and share pregnancy experience with the rest of women from the social network from the hospital. The physicians can access the information's of the patient in real time and they can alert mothers in some situations. Using this cloud computing device, the health condition of the pregnant women may be improved.

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### Categories / Classification

**Research Areas:** Information Science & Library Science; Health Care Sciences & Services; Reproductive Biology; Obstetrics & Gynecology; Telecommunications; Sociology (provided by Thomson Reuters)

### MeSH Terms:

Heading	Qualifier
Data Mining	methods
Electronic Health Records	*organization & administration
Female	
Humans	
*Medical Records	
Mobile Applications	
Pregnancy	
Pregnancy Complications	diagnosis
	*prevention & control
Remote Consultation	*organization & administration
*Smartphone	
*Social Support	

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