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(57) Abstract :

A system (100) for maternal monitoring using a wearable device (102) is disclosed. The wearable device (102) includes a primary sensor (104) configured to detect pregnancy of a wearer, and a secondary sensor (106) configured to detect one or more health attributes of the wearer. Further, the wearable device (102) is communicatively coupled to a mobile computing device (112) to be accessed by a health care provider remotely using a server (114). Any variation in the pregnancy attributes can be communicated to the health care provider with assistance in accessing the nearest health care facility. Moreover, upon detection of at least one of the one or more health attributes beyond a pre-defined range, a warning is transmitted to the mobile computing device.

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