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EVE: A Platform to Support Expectant Mothers Throughout Their Pregnancy Journey

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Expectant mothers, particularly first time mothers, can be easily overwhelmed by the abundance of readily available information relating to birth and pregnancy. A large percentage of this information is shared via untrusted and unmoderated sources such as websites and mothers' forums. Such information is often conflicting from one site to another. In addition to this, expectant mothers find themselves juggling numerous appointments throughout their pregnancy and in some cases managing vitamin and/or medication regimes.

Cabrini Technology Group, in conjunction with Cabrini Hospital, has developed a platform to provide expectant mothers with access to a 'single source of truth' by providing informative and valuable Cabrini-authored clinical content. Patients are also provided with a means of contacting a Cabrini Midwife in real-time in the event that it is warranted.

'Eve' is a tablet based solution designed to connect the patient with Cabrini care givers and enhance their overall pregnancy experience. The application provides the user with access to a variety of tools to help monitor the wellbeing of both herself and her baby. Cabrini Midwives can also monitor mother and baby's wellbeing remotely via a web portal and can initiate secure voice or video links when required. All correspondence and case notes are logged against the patients' records and can be accessed by the Cabrini Midwifery team as required.

This paper explores the role of emerging technologies in improving patient engagement and safety and highlights the numerous features of this unique solution which is set to be piloted at Cabrini Hospital, commencing September 2017.