

BuMP - Blood Pressure Self-Monitoring in Pregnancy

An app for patients to input blood pressure readings during pregnancy that is linked to a central database for clinicians to monitor.

Applications: Medical device, remote monitoring, patient triage



Features	Benefits
An app for patients to input blood pressure readings during pregnancy that is linked to a central database for clinicians to monitor	BuMP ensures the correct advice is provided based on the patient's risk; Triage and flags those who need clinical support
Automatically identifies patients at risk and adapts protocols based on risk level	Closely monitors patients with high blood pressure at risk of pre-eclampsia
Remote monitoring; Allows pregnant patients to self-monitor their blood pressure	Reduced visits to the clinic; More convenient and time-saving; Avoids "white coat hypertension" due to a medical setting

Features	Benefits
First large scale (n>3000) randomised controlled trial evidence for self-monitoring of blood pressure to detect and manage hypertensive pregnancy using the BUMP App	Empowers patients to actively monitor their health, improving their understanding and satisfaction with their antenatal care

Available for

- Co-development
 - Consulting
 - Licensing
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To find out more, contact enquiries@innovation.ox.ac.uk and quote the project number.

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