

One in 20 pregnant women will develop gestational diabetes<sup>1</sup> and pre-eclampsia occurs in 5-8% of all pregnancies.<sup>2</sup> To monitor these conditions, regular midwife appointments need to be carried out to check vital sign readings.<sup>3</sup>

Inhealthcare works with a number of NHS trusts providing digital maternity pathways which remotely monitor patients at risk of gestational diabetes and pre-eclampsia. Diabetes Service breakfast reading AFTER BREAKFAST READING Are you able to provide a blood sugar  $igotimes_{Y_{\mathbf{e}_{\mathcal{S}}}}$ Blood sugar (mmol/L) This reading is within your target range. There is more information available on the My There is more information available on the information section of the available on the My 282 9527 if you have any contact the team on 0797 SUBMIT

The Inhealthcare Gestational Diabetes and Pre-eclampsia pathways allow expectant mothers to use a smartphone app, online portal or SMS to remain in contact with their healthcare professional. The service provides patients with regular results and information on their condition without the need for unnecessary travel.

The solutions allow expectant mothers to keep a digital log of their daily blood glucose and blood pressure measurements replacing their paper based diaries.

The results from patients are triaged using NICE guidance and individually set patient thresholds which will flag up any abnormalities for healthcare professionals to review.

These digital solutions provide the ability for two-way electronic messaging between healthcare professionals and patients within specific operating hours. This provides reassurance to the patient, whilst giving healthcare professionals a digital solution to avoid face-to-face contact and the ability to prioritise patients who need their assistance.

Through the pathways patients have access to tailored content and information on how they can manage their condition through changes in their behaviour. This content is directed to patients and they have continuous access to view at their own leisure.

The pre-eclampsia service can also be used postpartum to monitor new mothers for high blood pressure.

## An evaluation from one NHS Trust which has deployed the above digital maternity pathways has reported the following savings:

- Staff savings of 3/4 visits per patient over a 12 week period
- Direct cost savings of £1,092 per pregnancy

## Benefits of the maternity pathways

Readings out of face-to-face Health care staff can range are immediately prioritise those in flagged for clinical freeing up NHS time greatest need follow up Patient remains in Patient has a digital close contact with Tailored content is log of readings, healthcare staff and made accessible to replacing the paper two way messaging the patient based diaries gives added support

www.diabetes.co.uk

Preelampsia Foundation

