GDm-Health™

The evidence-based, patient app-to-clinician system, transforming the management of diabetes in pregnancy.

Sensyne Health aims to provide regulated digital products to the NHS at an affordable price.

Invented in the NHS for the NHS, as a direct response to clinical need

Can reduce the number of appointments with diabetes specialist doctors by 47%¹

Can reduce average time to intervention by 21% ¹

Facilitates better patient engagement with 92% of women using GDm-Health through to birth²

Listed on the NHS Digital Apps Library and ORCHA database.

GDm-Health has been developed to support clinical services manage the increasing number of pregnant women diagnosed with diabetes.

GDm-Health is underpinned by a rich source of clinical evidence³, gathered as a result of extensive clinical evaluations.

• Electronic transfer of data
• Real-time remote transmission of BG results
• Real-time feedback and proactive outreach
• Enables prioritisation of patients
• Facilitates team-based working
• BGs and other information recorded electronically – supports meaningful audit

screens.show GdM-Health software version 18.1

sensynehealth.com/gdm
A unique collaboration between the University of Oxford (OU), the Oxford University Hospitals NHS Foundation Trust (OUH) and Sensyne Health has developed a direct patient-to-clinician blood-glucose-monitoring management system to support pregnant women with diabetes, and allowing clinicians to review real-time patient-annotated BG results submitted via a smartphone app.

A 203 patient Randomised Controlled Trial (RCT)\(^4\) showed use of GDm-Health was associated with:

- 64% reduction in pre-term births**
- 16% reduction in women transitioning to pharmacological treatment**
- Significantly higher patient satisfaction with care (P=.049)
- Significantly better compliance with BG monitoring increased from 61% to 80% (P<.001)
- Significant reduction in caesarean sections 27% v 46% (P=.005)

A six month comparative study of GDm-Health at Royal Surrey Hospitals NHS Trust\(^5\) demonstrated transformative results, including:

- 21% reduction in mean time to intervention
- 47% reduction in the number of appointments with diabetes specialist doctors
- 100% of women using GDm-Health declared themselves happy with the care provided by the diabetes team

The clinical and business case

NHS England has cited in its 5 Year Forward Plan\(^5\) a series of priorities, which includes improvement to maternity services, as well as improving efficiency through the use of innovative technologies; delivering paperless at point of care and enabling greater patient self-management. The opportunity therefore exists to meet a number of these objectives through the adoption of GDm-Health: realising significant cost-savings through reduced hospital visits and as a direct result of potentially improving outcomes for women and babies. This proven approach will enable clinicians to deliver better, value-based care for women and babies, contributing greatly to the future health of NHS maternity and obstetric services.

The GDm-Health system has helped to transform the way we deliver care for women with diabetes in pregnancy.

Rachel Crowley, Former Diabetes Specialist Midwife, Royal Berkshire NHS Foundation Trust

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1. ‘Novel Way to Deliver Care to Women with GDM through the Use of Cloud Technology’. Royal Surrey County Hospital poster presentation at Diabetes in Pregnancy conference, November 2019
3. Refer to www.sensynehealth.com/gdm for full list of clinical evidence
5. https://www.england.nhs.uk/five-year-forward-view

* Product images depicted are illustrative of software version 18.1. Earlier versions of the software are currently in use by UK NHS organisations.
**Results did not reach statistical significance

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