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%
- Can reduce average time to intervention by 21%
- Facilitates better patient engagement with 92% of women using GDm-Health through to birth
- 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 evidence, 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

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.

NHS England has cited in its 5 Year Forward Plan 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 clinical and business case

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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

A 203 patient Randomised Controlled Trial (RCT) 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 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

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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