

Technology in care

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Agenda

- Digital hospital
- Improving safety through technology
- Managing flow and beds with better technology
- Questions/discussion

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Paperless hospital by 2021

- E-Obs (no paper obs charts)
- E-handover (no handover sheets)
- Universal mobile access
- Hospital at Night

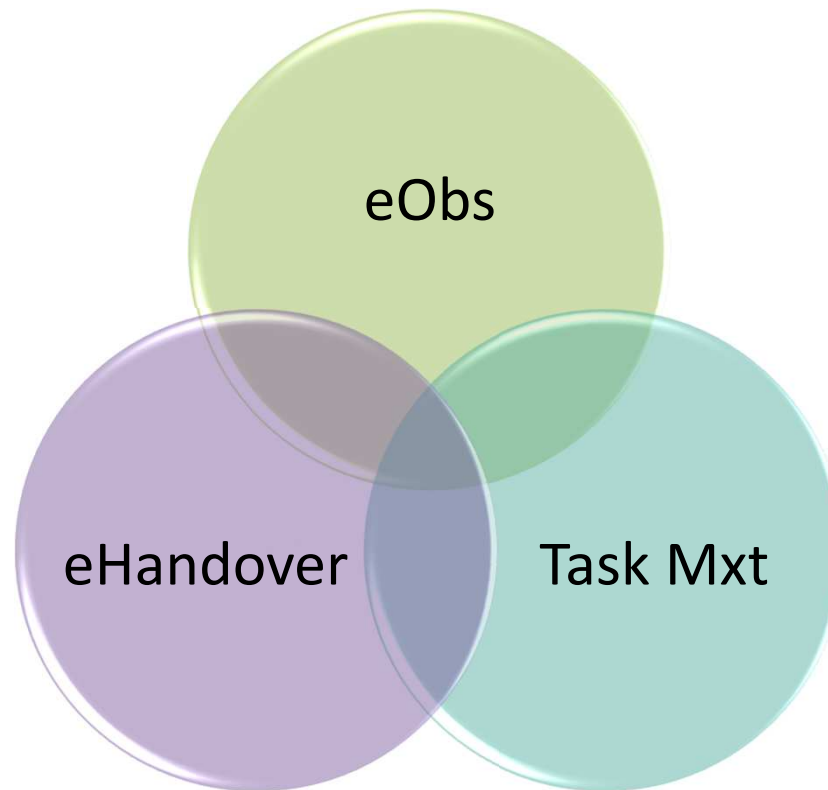
The screenshot shows a mobile app interface for entering observations. At the top, it says "O2-UK" and "22:53". Below that is a blue arrow pointing left and the text "Enter Obs". The patient's name and ID are "Michaels, James, S7144112". The observations listed are: Resp Rate (21 /min), Sats SpO2 (85 %), Inspired O2 (Air), Oxygen Device (Air), Temp (37.5 °C), BP (120/80 mmHg), Heart Rate (85 /min), AVPU (Alert), and Urine Output (22 ml/hr). At the bottom, there are icons for Tasks, Assign, Patients, Messages, and Settings.

The screenshot shows a paper observation chart for the National Early Warning Score (NEWS). It includes fields for NAME, D.O.B., and ADMISSION DATE. The chart has columns for various vital signs: RESP RATE, SpO2, TEMP, NEWS SCORE, BP, BLOOD PRESSURE, HEART RATE, Level of Consciousness, and Pain Score. Each column has a grid for recording values over time. The chart is titled "Observation chart for the National Early Warning Score (NEWS)".



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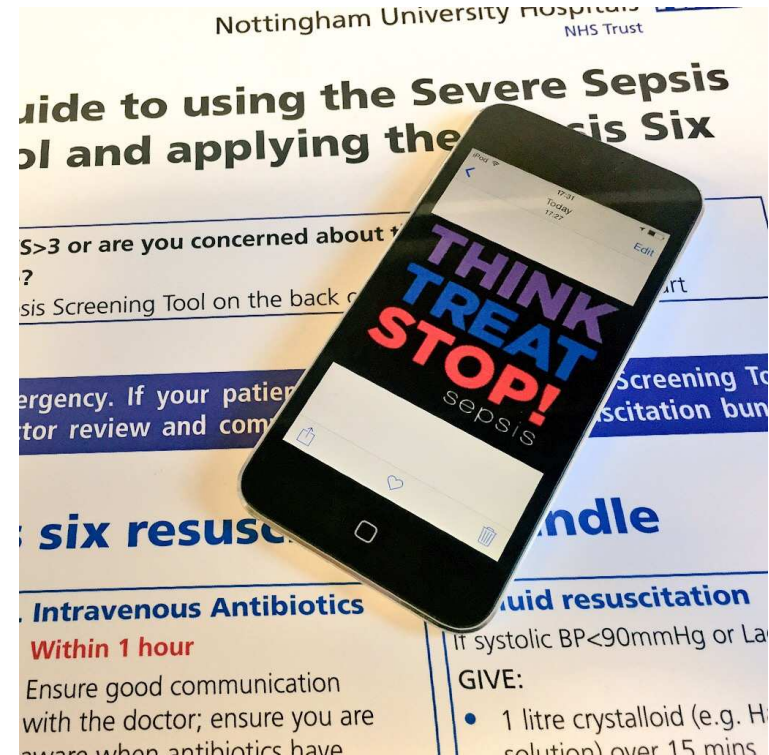
Nervecentre



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Results

- 75 wards live (plus ED)
- 7,500 staff
- Replaced paper charts; 5 million sets of obs (>9,000 per day)
- 4m entries into e-Handover (mainly mobile)



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E-handover

- Includes:

Patient summary – falls, DOLS, safeguarding, CPR, physio, OT, dietetics

Discharge information

Bed management (real-time)

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E-bed management (E-Ops)

- Reducing discharge delays through better data
- Improving communication with community
- Real-time bed management driven from bedside

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Questions/discussion

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