

The background of the slide features a central image of two hands gently holding a globe. The image is semi-transparent and overlaid with a grid of white medical and technology icons, including a stethoscope, a heart, a brain, a person, a smartphone, a pill, a DNA helix, a microscope, a cloud, a wheelchair, and a person with a cane. The overall theme is digital healthcare and data standards.

Digital for Care Transforming Healthcare with Data Standards including SNOMED CT



Impact of Data Quality HSEApp

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Reliable Data for Empowering Patients in HSEApp

- Accurate
- Relevant
- Timely
- Complete
- Consistent
- Valid
- Reliable source

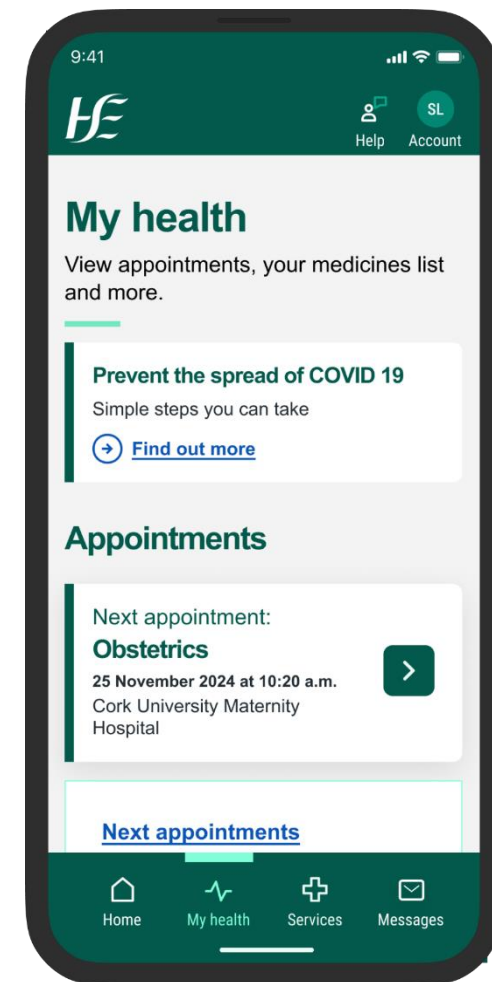




Maternity-related Appointments

The display of expectant mothers' hospital appointments in the HSE App is one of the first key features of the app.

A key success factor in ensuring that the appointment information displayed to expectant mothers is complete and correct is having complete and accurate clinic-related data at source in iPMS.





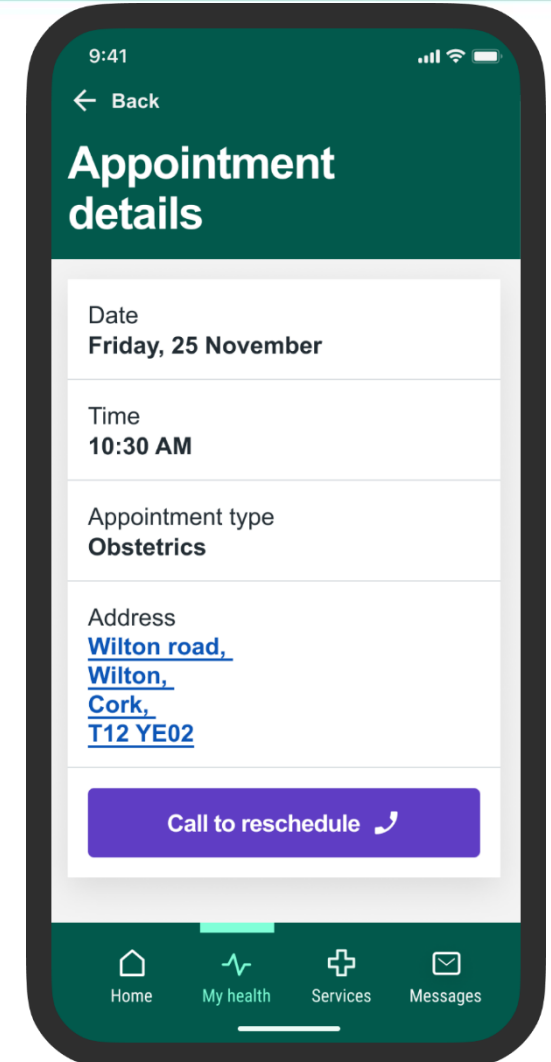
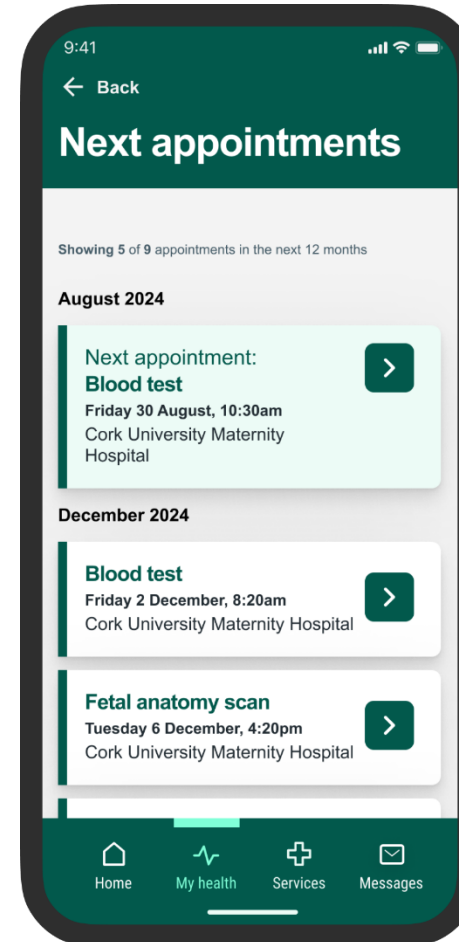
Data Quality Issues : Appointment Details

- **Requirement:**

- Outpatient appointments data, including display of address information for the clinic locations using iPMS as the system of source.

- **Quality issue:**

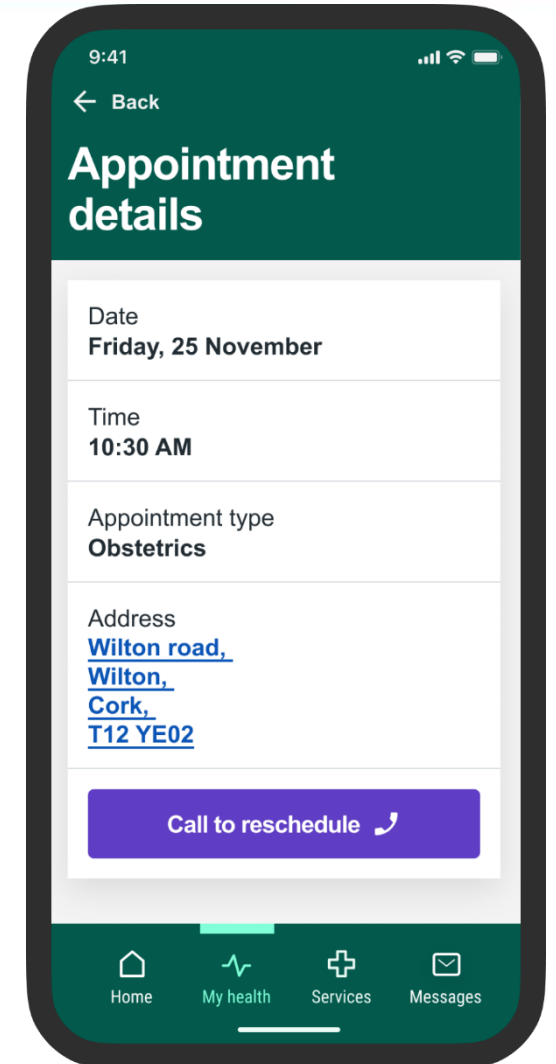
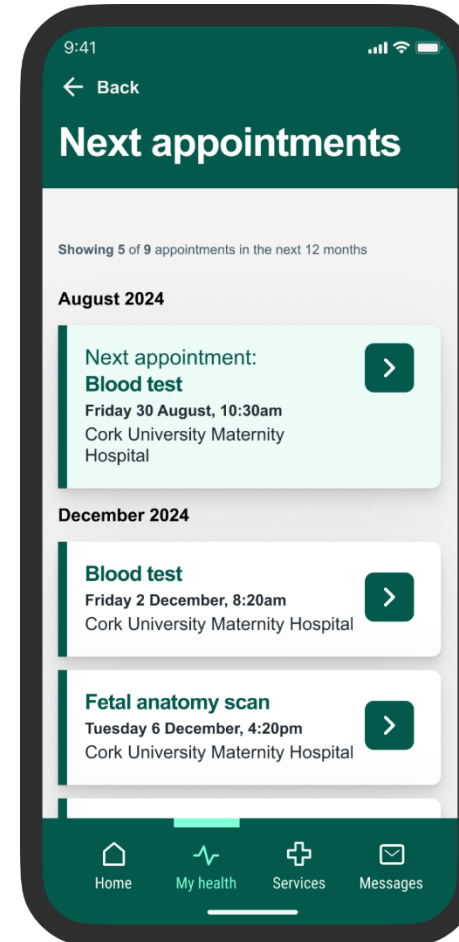
- Some iPMS fields for address data and clinic description fields were not fully filled out or only partially filled out.
- Some clinic names not appropriate for public display





Resolving Data Quality Issues : Appointment Details

- Requirement to Engage with key stakeholders in all 19 iPMS sites
- Data extracts were provided to the site based stakeholders highlighting where the iPMS data needed extra input.
- Further extracts were provided at intervals so that the sites could see the positive impact of their improvements to the data in iPMS.

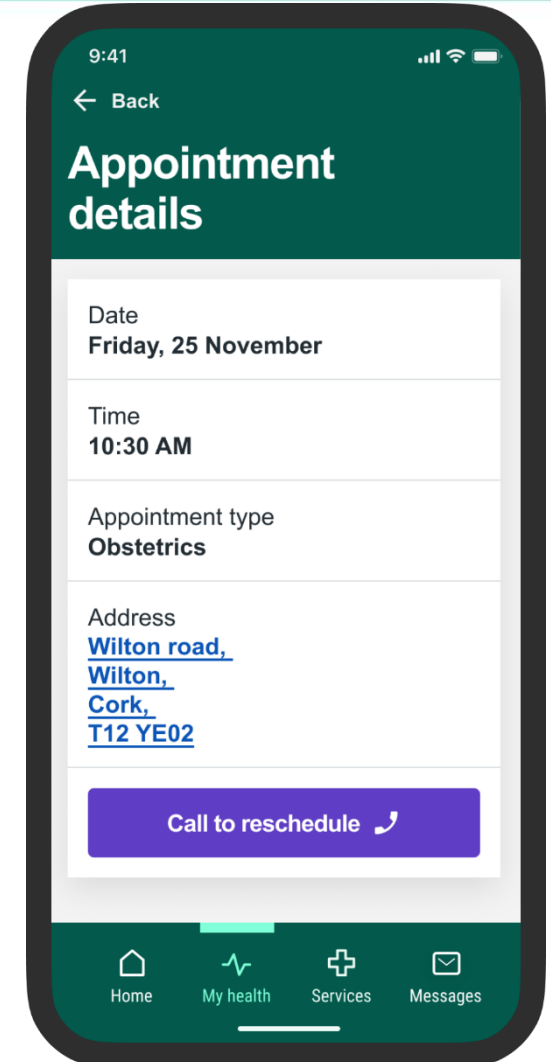
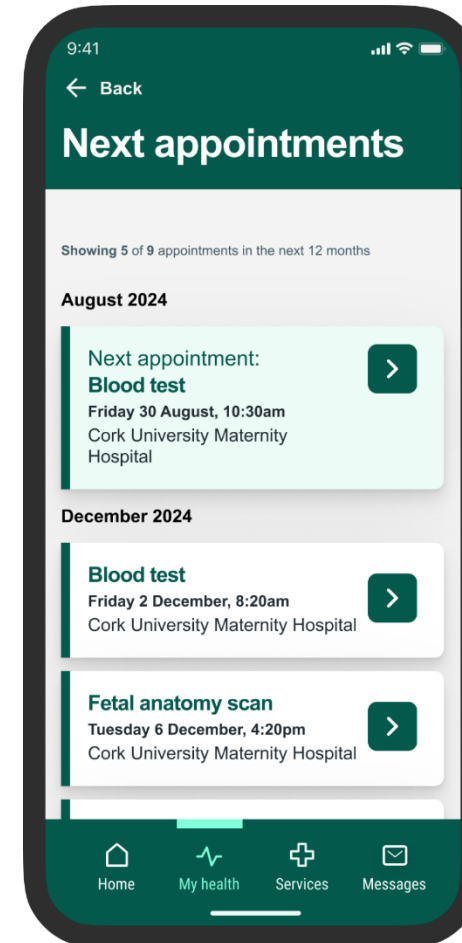




Result of resolving the Data Quality Issues : Appointment Details

Result :

- Data quality improved, which in practical terms means, clinic location data and clinic descriptions contained greater detail for address, phone number and other information after the exercise.
- Additional information on percentage completeness of fields also gave a measure of data quality improvements
- Once sites understood the value of keeping iPMS up to date they realised that it wasn't as onerous a task as first perceived





HSEApp : Lessons Learnt

1. Providing public facing data from source systems, means a new awareness on the importance of data collection at source.
2. Stresses how consistent quality data capture at source is essential, as this data will become the foundation for many public facing initiatives now and in the future.
3. Data capture standards and standardisation are crucial.
4. Brings change on the ground to how we view the use of data at source and absolute criticality of this data.





Thank You