

Council of Governors

Date:	10 th March 2022
Agenda item:	9
Title:	Digital Update
Items:	Presentation



Digital Update:
Mar 2022

Everyone
Working Matters
Together
Making a
Difference

Recent Achievements:



Introduction of a solution that lets clinicians see patient's clinical history in other organisations. Reduces need to repeat story. (Graphnet)



Implemented a new tool that enables GPs and RUH clinicians to discuss cases in advance of making a formal referral.



About to go-live with electronic Patient Held Record for maternity services. Solution has been designed by people from the service.



Contract awarded to have the same tool across GWH, SFT, Bristol Trusts and ourselves to support virtual consultations.



Deployed 1,000 additional laptops to support agile working, with 120 more arriving for midwives in the next 4 weeks.



Final stages of developing paperless documentation to enable all inpatient notes to be digitised.



Automated equipment check-lists within our ED and ITU Depts.



Developed the business case to purchase a single main electronic patient record across Swindon, Salisbury and RUH



New Hospital Programme / Shaping a Healthier Future



Journey Steps

Upon arrival on-site, visitors would be guided to an available parking space via smart parking signage and sensors within parking bays.

Once parked, the individual will be guided to the clinic via a way finder app on their smartphone.

As they enter the hospital, they will notice the cleanliness of the buildings. Sensors built into the fabric of the building detect footfall and use of amenities, with this information triggering cleaning frequency.

As they enter the outpatient area, proximity readers will identify them and they will check into clinic.

At this stage the clinic nurse will be able to perform any required electronic observations prior to their appointment.

The clinician greets them and explains that their conversation is being recorded and a structured summary will be available on the portal once the clinic concludes. As they talk about recent events, test results and overall concerns about their health, the conversation is captured in real time within the EPR.

The clinician is able to view not only recent results and recorded entries by the patient but is also able to view contacts with the entire health and care team. The clinician also discusses risk factors arising from their genomic data.

As they talk, opportunities for enrolment in new research trials present themselves within the EPR, these are reviewed for suitability by the clinician.

At the end of the consultation it is decided that further investigations as a day case procedure would be of value.

The clinician reviews the summary of the conversation captured within the EPR and signs it off with a copy immediately appearing in the patient's portal.

Technology

- Fabric
- Footprint
- Flow

Smart Parking
Digital Front Door
Digital Wayfinding
Smart Scheduling

Building Management System
Internet of Things Sensors
Digital Wayfinding
Cleaning Robots?

Personal Health Record
EPR Alerting
Self-check in Kiosk

Natural Language Processing Voice Recognition
Digital Twin
Precision Medicine

R&D Integration
Smart Scheduling
Patient Portal

Priorities for next year:



Replacing our Infection Control system to make it easier to identify outbreaks.



Applying automation technology to speed up our recruitment process



Securing funding to add more digital functionality into the new Cancer build.



Deploying capability for patients to change appointments online.



The potential rollout of paperless inpatients – subject to funding.



Ensuring real time data flows to inform outstanding decision-making at clinical, operational and tactical levels,



Review of some of our urgent care systems to ensure they are fit for purpose



Collaborate with ICS partners to converge systems across the footprint