

Agenda Item: 6.i

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| Report to: | Trust Board of Directors | Date: 1 August 2019 |
| Report from: | Andrew Raynes, Director of Digital and CIO | |
| Principal Objective/ Strategy and Title | Lorenzo Digital Exemplar Programme Update | |
| For: | Information | |

1. Background

The Lorenzo Digital Exemplar (LDE) Programme is an NHS Digital initiative evolving from successes of the Global Digital Exemplar (GDE) programme. The initiative is one of our digital strategy pillars and follows recommendations in the Wachter report (2016) to identify examples of global digital excellence across the UK healthcare sector.

DXC and Royal Papworth Hospital were successful in a joint application for funding to work with other Trusts to develop “Digital Exemplar” organisations for Lorenzo. The objective to develop digital maturity with the purpose of reaching HIMMS level 7 (HIMMS provide a digital maturity scale).

Royal Papworth are now just one of four chosen Digital exemplars with joint investment of over two million for DXC consultancy and development. Alongside this opportunity the Trust has an obligation to produce blueprints as part of a “fast follower” programme which enables other Lorenzo Trusts to follow Royal Papworth Hospital’s digital footprint.

Our mission statement for the programme is “To deliver a truly digital hospital without walls, where world renowned care can be provided at the right time and in the right location”

Our vision will be enabled by mobilising and implementing high quality, future proof and flexible technology that supports patient centric care and allows our staff to do exceptional work through access and exchange of the right information

2. The Lorenzo Digital Exemplar Project at Royal Papworth

The LDE programme is the latest key transformation project which aims to help reduce fractured pathways while improving our digital maturity. The project will provide clinicians and operational staff with:

| | |
|----------------|------------------------------------|
| Capture | Getting better data in |
| Collate | Bringing data together better |
| Consume | Using data we have in a better way |

The programme targets nine clinical pathways and two further initiatives

- Surgical 1 – Inpatient Pathway
- Surgical 2 – Pre-op Pathway
- Surgical 3 – Theatres Management
- Oncology Pathway
- PTE Pathway
- Thoracic Surgery Enhanced Recovery

- Clinical Trials Requirements
- Cystic Fibrosis
- Cardiology
- Closed Loop Medications
- Innovation Fund projects (Nurse-aide, Clinician-aide, Patient-aide & Personas)

3. Project Update

The LDE programme commenced July 2019 and is currently running to plan. DXC are now based on site working closely with our digital team and Clinical Information Officers to introduce early components of the project. Early start projects within this programme, include; integration of data from ECG, ECHO and Respiratory Physiology (Vyaire) along with integration of point of care (POCT) devices into the Lorenzo record.

Demonstrations for a new Theatres Management system to replace Tomcat are being scheduled along with demonstrations for “Innovation fund” initiatives involving engagement with our key stakeholders.

A full stakeholder engagement and communications plan which will be available end August 2019 and progress reports will continue to be provided to the Strategic Projects Committee and Trust board.

4. Conclusion/Recommendation

The Board is asked to note this update which shows how we will utilise the LDE programme to:

- Drive out benefits through digital solutions to address our nine fractured pathways
- Improve our digital maturity (to HIMMS level 7)

Provide digital leadership, role modelling and blue prints as may be required to support the “fast follower” initiative.

The Board is asked to note the contents of this report.