

Welcome to today's webinar

Our Digital Hospital Journey with the
Lorenzo EMR

PULSE+IT
Australasia's first and only eHealth and Health IT Magazine



Lorenzo

Next-Generation Integrated EMR

21

NHS Trusts

123

Individual
Hospitals

15m

Registered
Patients

100,000

Registered
Users

1

Providing better care

2

Enhancing Patient Safety

3

Optimising operational
activity

4

Improving governance and
compliance

5

Supporting change and
transformation

Our Digital Hospital Journey with the Lorenzo EMR

Dr Mark Simpson

Chief Clinical Information Officer, Clinical Director of Acute and
Emergency Care & ED Consultant

Hull and East Yorkshire Hospitals NHS Trust

WEBINAR: 22 March, 2017



The 2017 City of Culture

A large and complex NHS Trust

About us

- 1,100 beds – 11th in UK for activity
- 135,000 ED attendances annually
- 200,000 admissions annually
- 8,900 staff
- Serves a population of 600,000
- Tertiary referral centre for 1.25 million
- Aiming to be paperless by 2025



Our Digital Hospital Journey

A large and complex Lorenzo EMR deployment

Motivation

- Rising demand
- Performance penalties
- 15 year old EPR needed modernisation
- Collaboration across care continuum

What we did

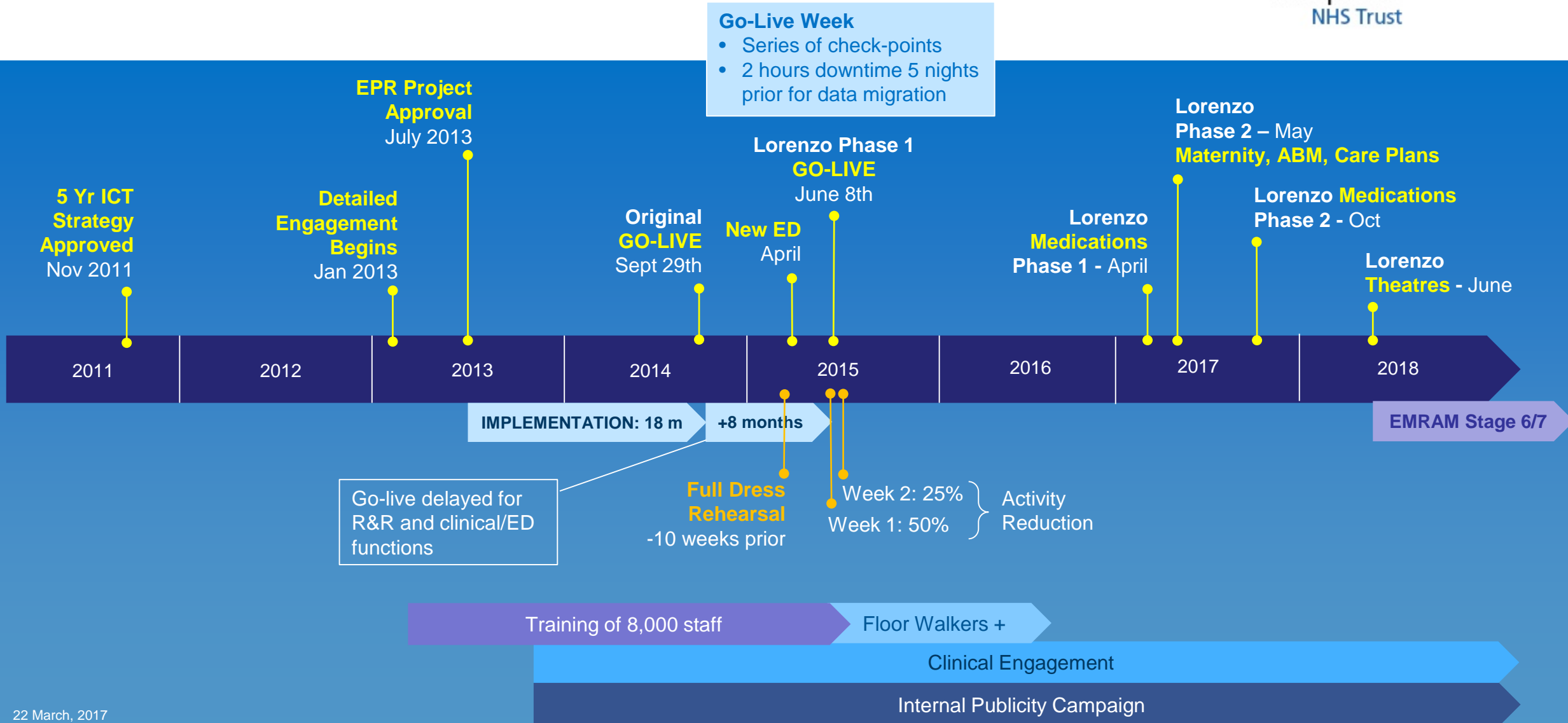
- Single patient record across all beds and sites
- Click-outs → Pathology, Radiology, Cardiology
- Click-outs → Summary Care Record (My Health Record equivalent)



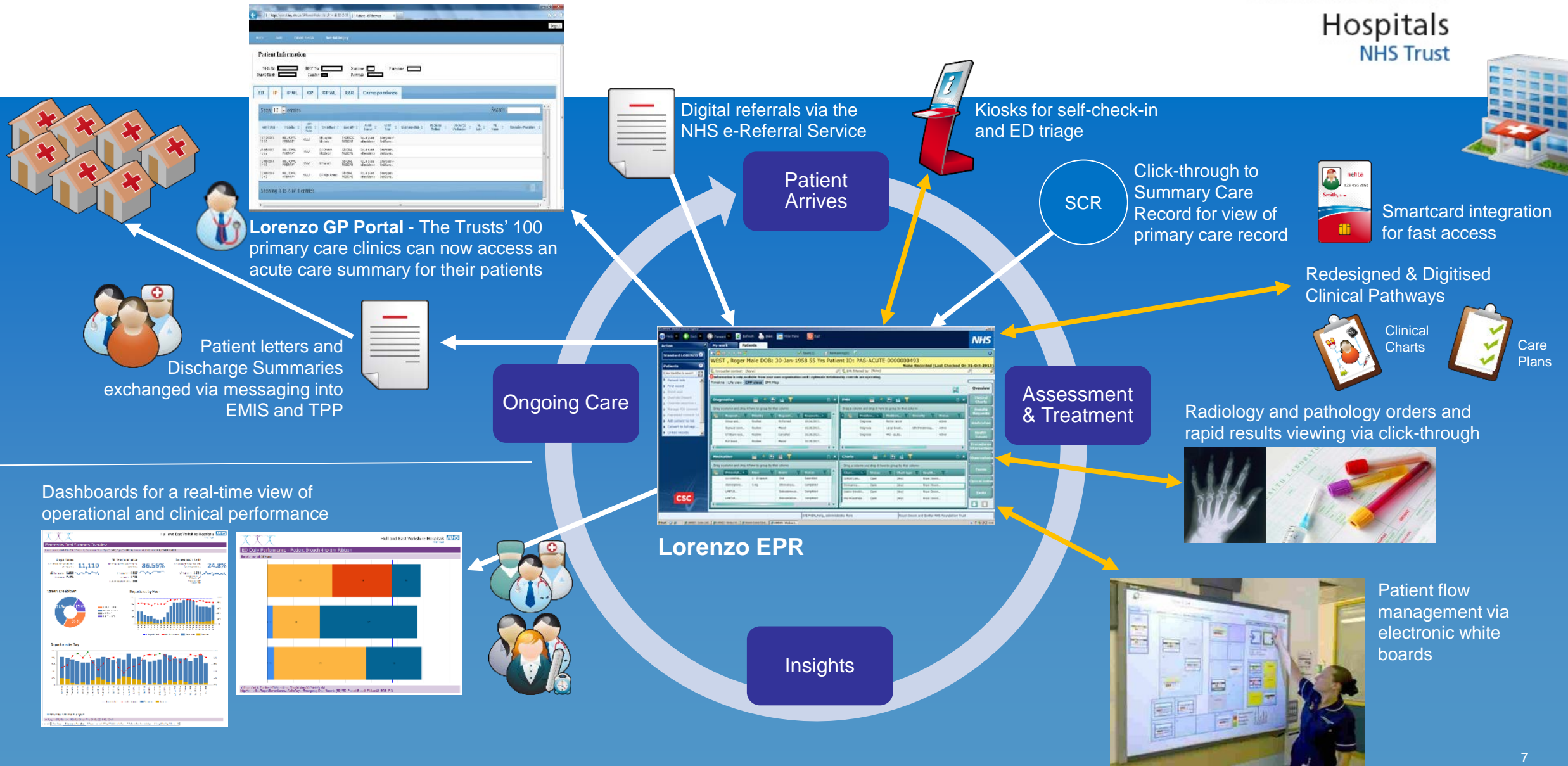
Dr Mark Simpson,
CCIO, Clinical Director of Acute and ED
Martyn Smith, Director of IT and Innovation
Hull and East Yorkshire Hospitals NHS Trust



Transformation Timeline



Lorenzo as the Information Hub



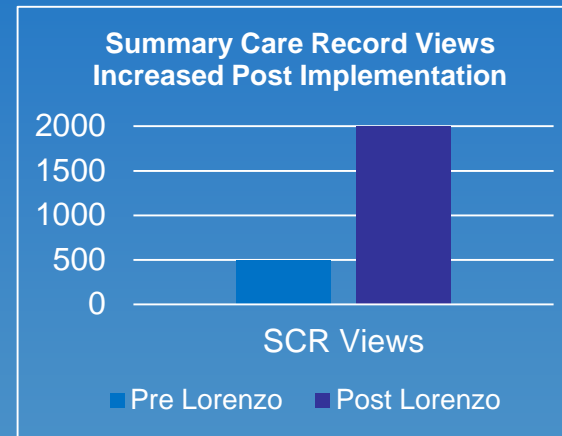
Benefits

Acute Care

- **Reduced variation** through digitisation of clinical pathways
- **Streamlined ordering** (Requests & Results)
 - 375,000 radiology, 1,450,000 pathology orders
- Better **results management**
 - 97.5% of reports seen within clinical target times, plus audit trail
- Improved **decision making**
 - Rapid access to test results
- Better **clinical charting** and care consistency
- Faster **patient transfers** between wards

Integrated Care

- Information sharing via **GP Portal**
- **Discharge summaries** on day of discharge
- Quick access to **primary care record**



Annual **savings of £1m** (\$1.6 AUD) through reduction in paper
From one of the most challenged NHS Trusts to **one of the best**

Ranked
12th
out of 153
NHS trusts

Ranked
3rd
out of 22
trauma
trusts

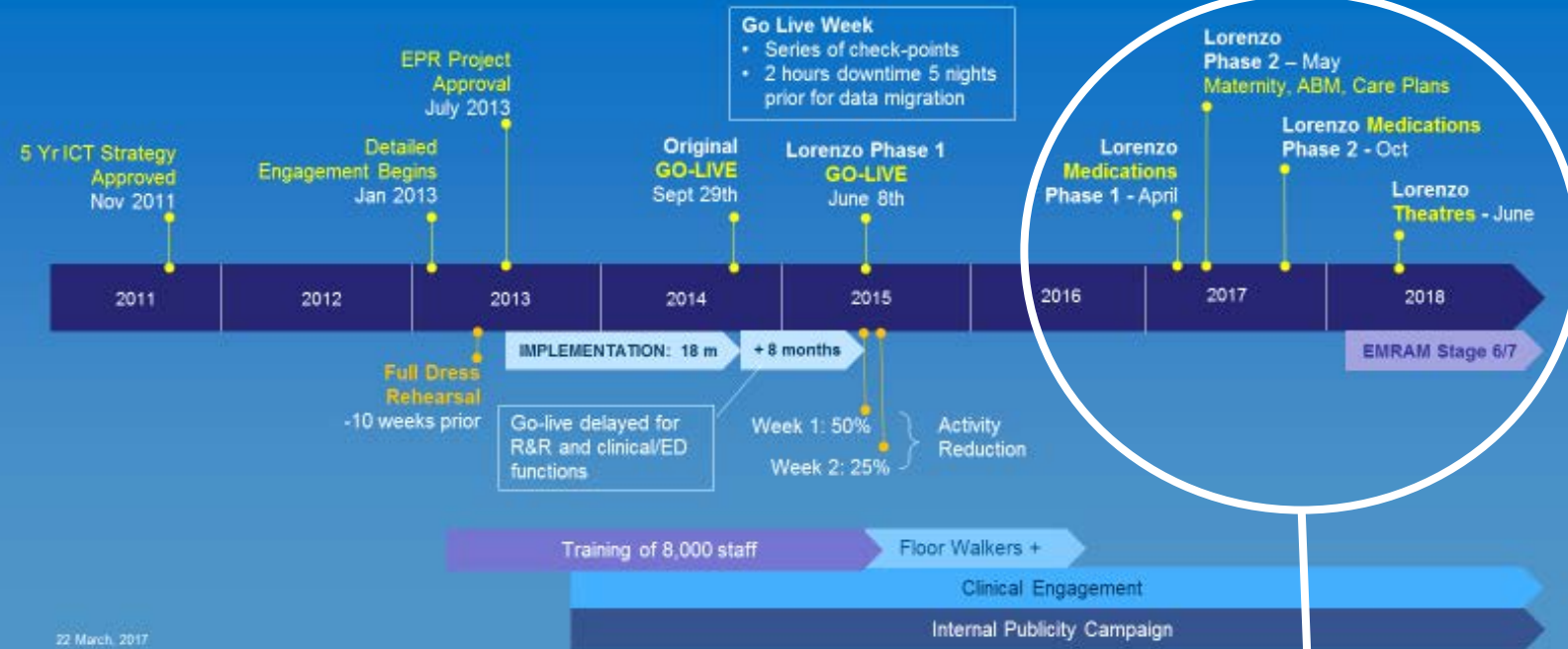
Where next?

GP Portal

- Daily updates
- Easier access from GP systems

Lorenzo Optimisation

- Extend use of e-Forms
- Extend electronic Requests
- “Paper-lite” exemplars: cardiology, breast, emergency department, oncology
- Extend portal functionality and access
- Static care plans



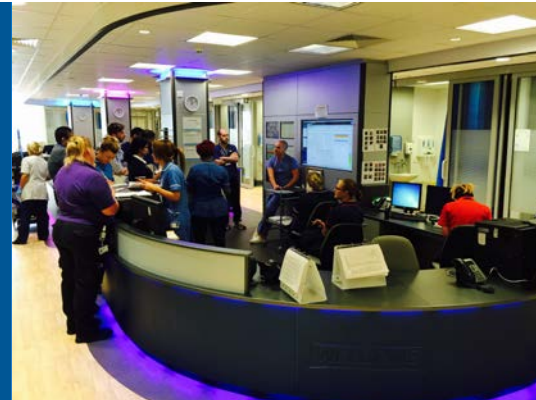
Additional Lorenzo Functionality

- Medications
- Advanced Bed Management
- Maternity
- Care Plans
- Theatres

Aiming for EMRAM stage 6/7 in 2020



Summary



Preparation Yields Results

- Understand the workforce impact
- Appropriate go-live activity slow down
- More training, mandatory?
- Simulations, tests and full dress rehearsals are vital

Sufficient & Accessible

- Give just enough information – summary acute record
- The learning organization – real-time insights for clinical and operational users
- Agile development of actionable analytics

This is Not Easy

- Exposes custom and practice
- Clinical Leadership is critical
- Go-live is the start, not the end

Key Benefits

- ✓ Clinical pathway standardisation
- ✓ Streamlined ordering and results viewing
- ✓ Information sharing across care continuum
- ✓ Rapid access to longitudinal record
- ✓ Reduced paper

Upfront Effort for Downstream Benefits

- Requests & Results – enormous upfront effort but we are benefitting now

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Go-live is the start not the end!

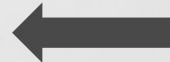
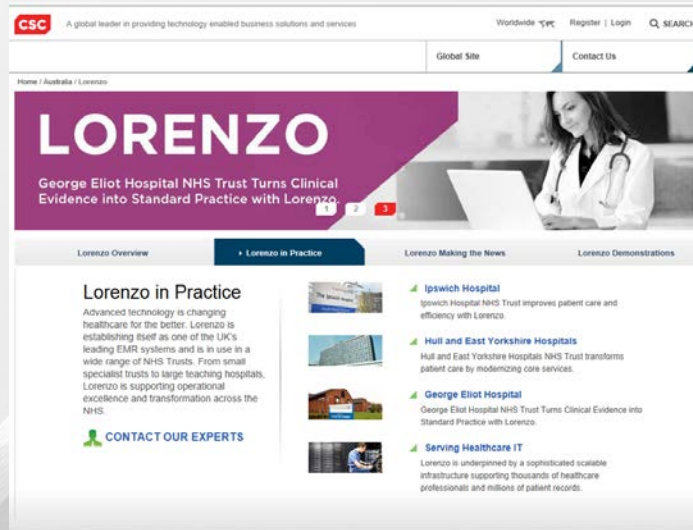
Q&A



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FOR MORE INFORMATION

www.csc.com/au/lorenzo

See client success stories from Hull & East Yorkshire
Hospitals NHS Trust and others

Like to know more about Lorenzo?

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