NHS
East and North Hertfordshire
NHS Trust

Digital Innovation To Support Patient Care

Friday 17th June, 12:30pm

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Delivering digital services for the Trust

East and North Hertfordshire NHS Trust

Digital Innovation To Support Patient Care

Mark Stanton, Chief Information Officer

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Quality | People | Pathways | Ease of use | Sustainability

2019/2020 In Numbers

East and North Hertfordshire NHS Trust

1500 PCs/Laptops Replaced

2,500 PC's Upgraded to Windows 10

1500 Home Workers Enabled

1,000,000 Patient Observations Digitally Recorded

400 Network Components Replaced

140 Patient Communication/ Entertainment devices installed

430 Ward Based Mobile Devices Provisioned

12 Sites Upgraded to NHS High Speed Network

250 Virtual Desktop (VDI) to Support Virtual Clinics

520 Digital Bed Moves

13 Robot's Automating Processes

2000 Drugs Added to the ePMA Formulary

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Digital Deliveries 2019/20

Electronic Prescribing and Medicines Administration

East and North Hertfordshire NHS Trust

ePMA

Digital Deliveries 2019/20
Infection Control Solution

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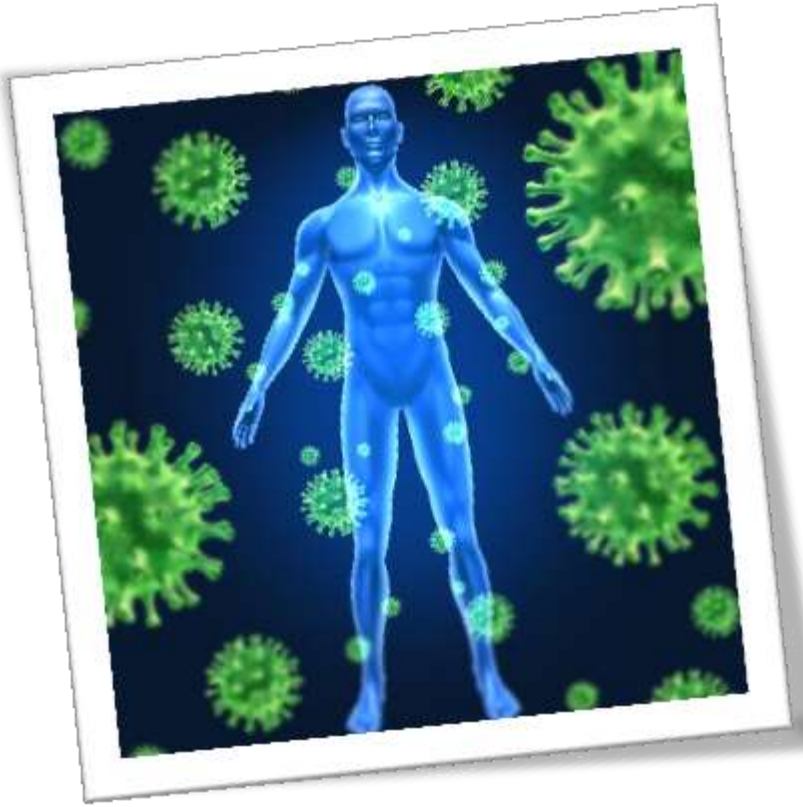
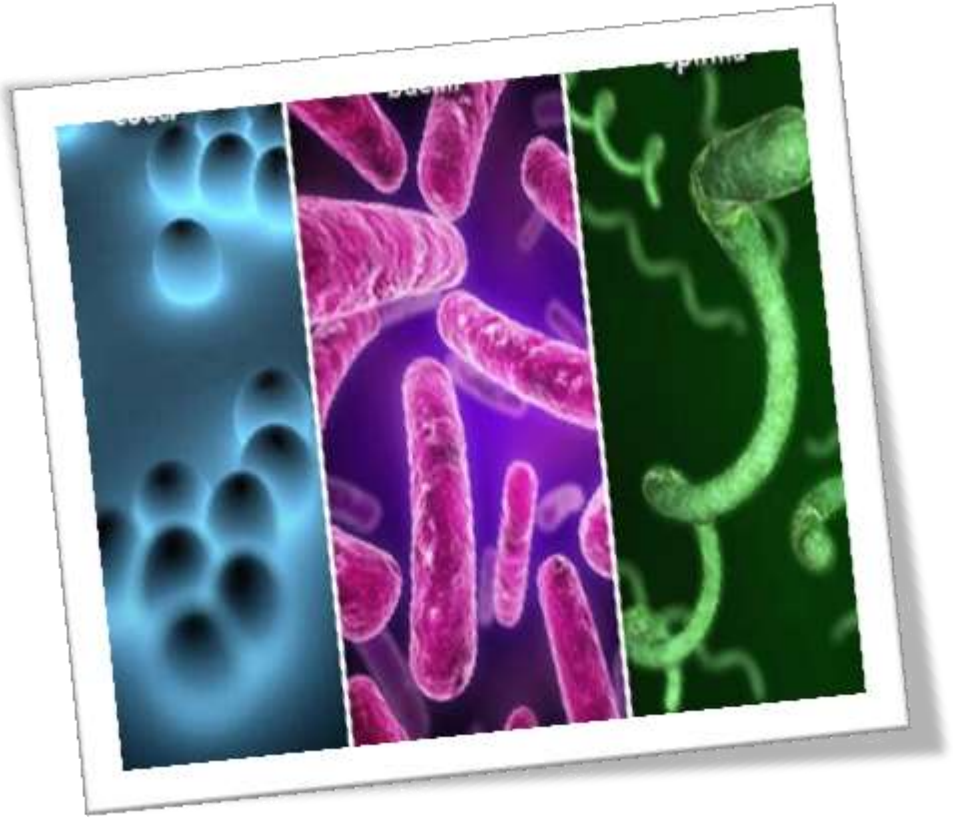


iCNET



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Digital Response to COVID-19

East and North Hertfordshire NHS Trust

Facilitated Virtual Visitations

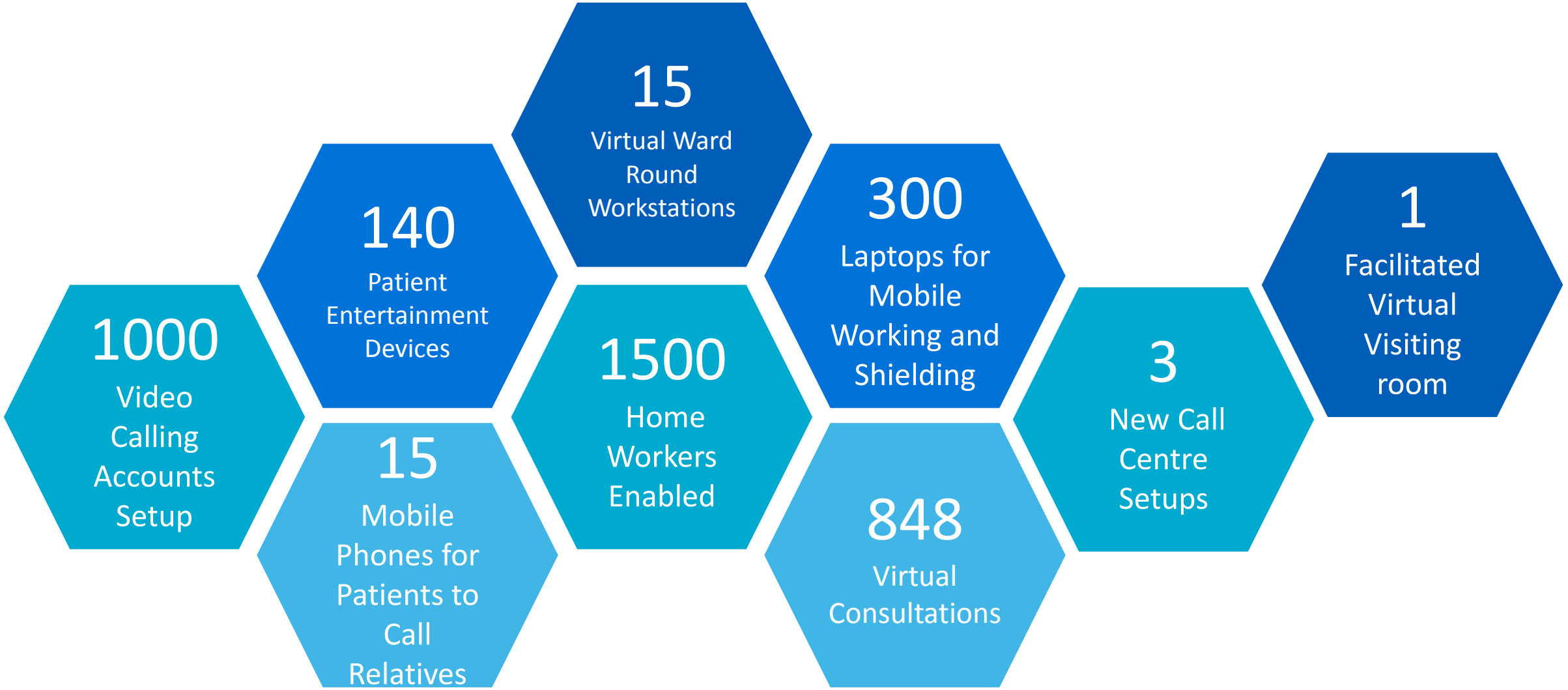
Virtual Ward Rounds

Patient Entertainment & Communication

Virtual Consultations

Digital COVID-19 Response – Highlights

East and North Hertfordshire NHS Trust



Digital COVID-19 Response – Staff Communication

East and North Hertfordshire NHS Trust

Introduction of Video Calling and Instant Messaging

26,668 Hours
7775 Video Meetings
232,750 Instant Messages

March
1667 Hours
500 Video Meetings
28,000 Instant Messages

April
6,167 Hours
1875 Video Meetings
74,250 Instant Messages

May
7,167 Hours
2100 Video Meetings
60,500 Instant Messages

June
11,667 Hours
3300 Video Meetings
70,000 Instant Messages

StarLeaf

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Digital COVID-19 Response
Patient Communication & Entertainment

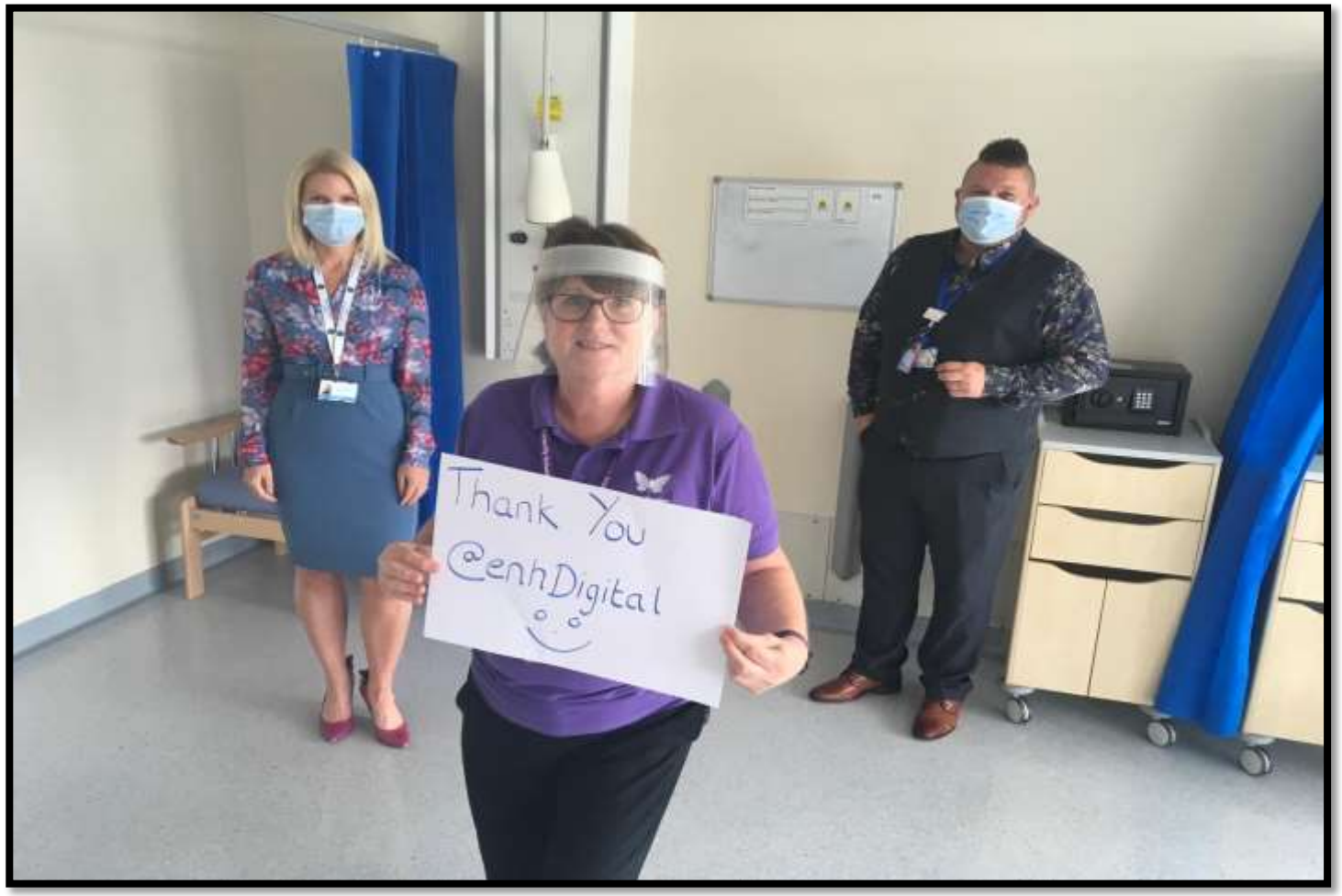
East and North Hertfordshire NHS Trust

- 140 Devices Deployed to all Wards
- 3140 Video Calls Made
- 131 Online Magazines/ Newspapers
- 922 Hours Spent on Video Calls

WiFiSPARK Visionable™

Digital COVID-19 Response

East and North Hertfordshire NHS Trust



Digital COVID-19 Response – AntiBody Testing

East and North Hertfordshire NHS Trust

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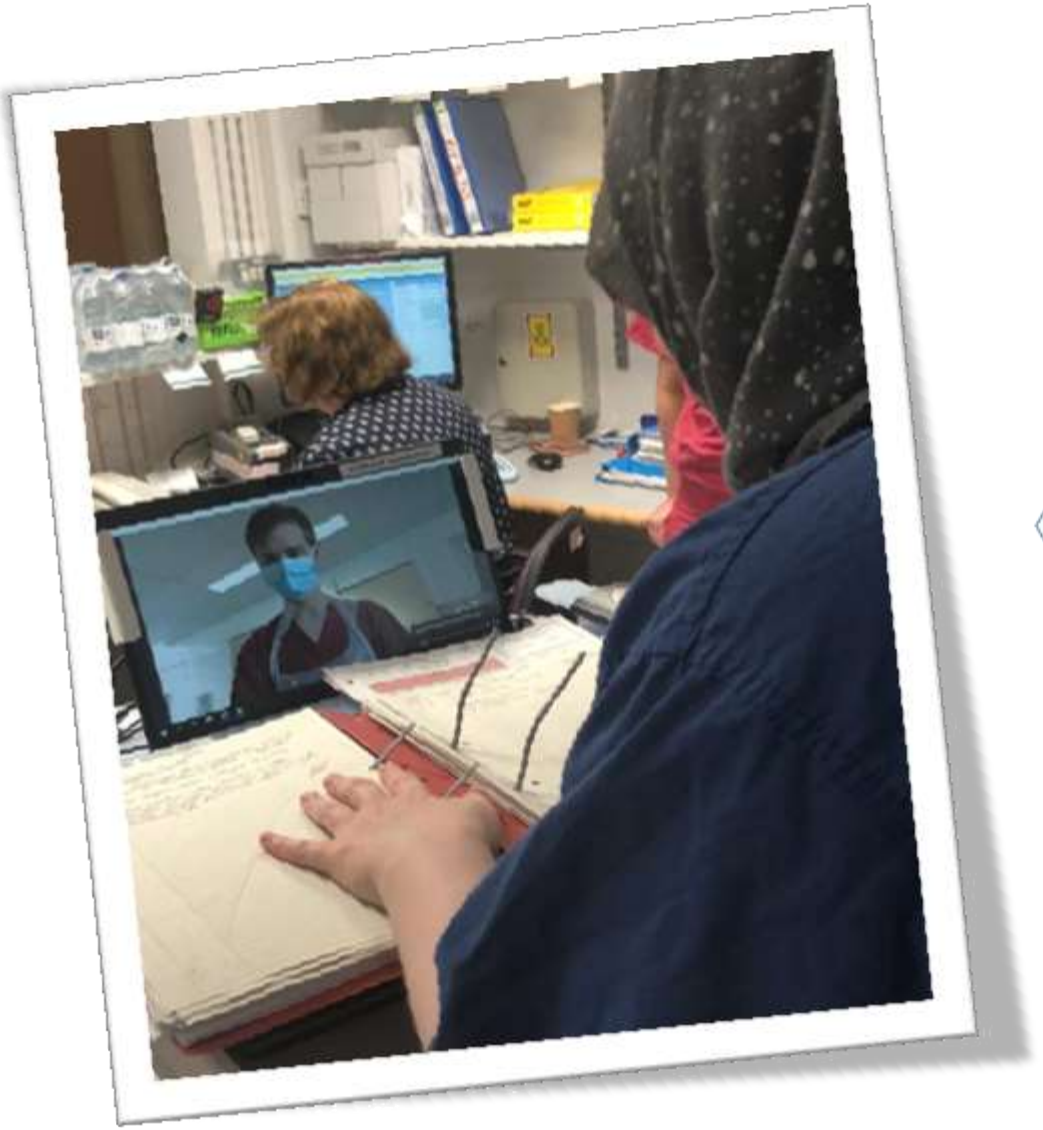
Digital COVID-19 Response - Virtual Ward Rounds

East and North Hertfordshire NHS Trust

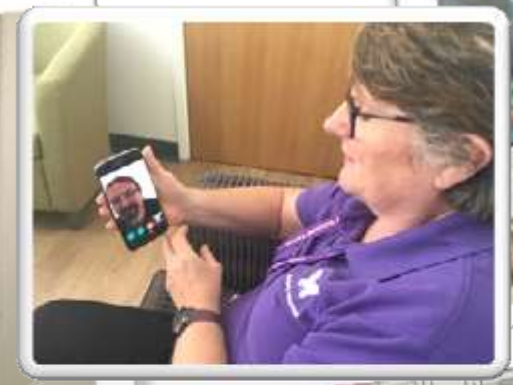


Quality | People | Pathways | Ease of use | Sustainability

Digital Innovation To Support Patient Care Summary

East and North Hertfordshire NHS Trust

- (ePMA)
- Infection Control Solution (ICNET)
- Virtual Ward Rounds
- Patient Entertainment & Communication
- Virtual Consultations
- Antibody Testing



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enh*digital* Roadmap 2020-2022

Keeping Our Patients Safe

2020

July 2020
AKI functionality added to Nerve Centre

August 2020
Nerve Centre upgrade to enable new functionality

October 2020
Doctor e-Obs escalations via mobile devices

2021

Jan 2021
Hospital @Night Nerve Centre Task Management for on-call Doctors

March 2021
DTA – Enhanced Process for Emergency Admissions

2022

Supporting Our Specialties

August 2020
Clinic Cancellation, Centralisation & Automated Process

October 2020
PACS Reporting

October 2020
Ophthalmology Implementation of phase Ophthalmology system (TBC)

December 2020
Replacement Maternity system with ICP collaboration

March 2021
e-TCI

October 2021
Endoscopy Syste Replacement

October 2021
STP Pathology

December 2021
Digital Dictation and Voice Recognition

April 2022
Replacement Critical care system

Building A Digital Record

July 2020
Orders Result Management (ORM) – Endoscopy and Cardiology

August 2020
Take List added to Nerve Centre and available through mobile devices

December 2020
Access to PACS Images Via Lorenzo

September 2020
ePMA pilot restarted on Pirton/Barley wards

October 2020
MESH

December 2020
Initial clinical clerking forms added to Nerve Centre for Doctors

June 2021
ePMA rollout complete across all inpatient wards

June 2021
First phase of ICS shared record

2022

March 2022
Enterprise Server Management

March 2022
Migration of Trust data shares to N356 OneDrive cloud service

March 2022
Process Automations

Making Our Systems Accessible

July 2020
WABA

September 2020
Renal System Replacement

October 2020
Virtual Consultations

March 2021
Virtual/ On-Line Training Induction

June 2021
Device Management

December 2021
Unified Communications

March 2022
True SSO & Identity Management

August 2020
Migration of all Nurses Mobile devices to new Android devices

September 2020
Roll out of Samsung Android devices to doctors

October 2020
Windows 10 complete on all 4,200 devices

March 2021
SQL & MS Server Compliance & Consolidation

June 2021
Booking 2.0

December 2021
Right Place, Right Kit, Modern Workspace

July 2020
HSCN Migration

September 2020
Migration from Star Leaf to MS Teams for collaboration

April 2021
Migration of Office 10 to Cloud based Microsoft N365 platform

July 2021
Cloud Storage & File Shares

Improving the Patient Experience

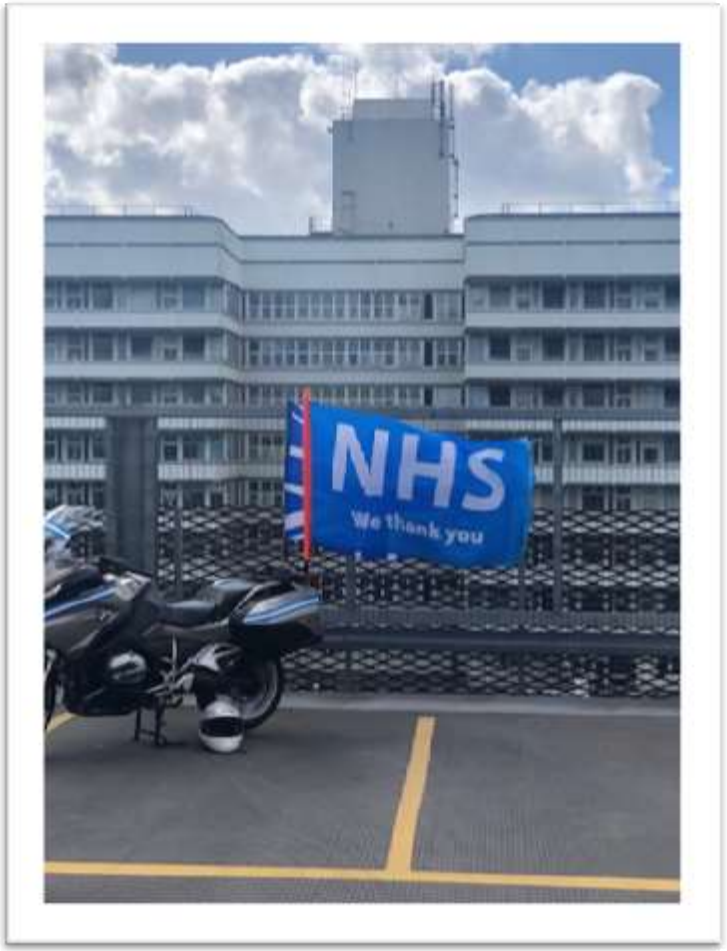
June 2020
Virtual OPD Clinics Live Using Attend Anywhere

June 2021
One Stop Clinics

March 2021
Fluid Balance

June 2021
Patient Cancellations

April 2022
Phase 1 of Patient Portal
Supporting mobile device check-in, consent forms and questionnaires



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Questions

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Thank You For Watching

Please Email

communications.enh-tr@nhs.net

For Any Questions

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