Digital as Usual Programme Updates
Issue No 3 – April 2021

General

This update provides an overview of progress of current programmes of work set in NHGGC’s Digital as Usual Delivery and Remobilisation plans

Integrated Electronic Health and Care Record

Colon Capsule Endoscopy
Supported move from the NHS Louisa Jordan to the Golden Jubilee National Hospital in early April 2021.

Hospital @ Home Service
NHS Greater Glasgow and Clyde is developing plans to launch a test of change within Glasgow City initially. eHealth is supporting a digital first approach to ensure that TrakCare is configured to support clinical workflow, specifically the virtual management of patients at home. Technical and operational project groups have been established, with identified leads across NHSGGC.

Maternity Service (BadgerNet) Phase 2
Testing of three of the interface workstreams will complete in April. Business Intelligence reporting will be deployed by 19 April. The Business Case for Cardiotocography (CTG) has been signed off.

Multi-disciplinary Team (MDT) Re-platforming and Roll-out
The target go live with the Gynaecology MDT is the end of April. Engagement with Head & Neck and Pancreatitis service are underway. Dates for the roll-out to these services is to be confirmed.

SCI Gateway Secondary Care Referrals
There continues to be good progress made in extending the use of SCI Gateway for referrals between secondary care specialties. Optometry-to-Ophthalmology went live on 15 March, the Royal Hospital for Children Phase 1 - which included Ear, Nose and Throat (ENT), Ophthalmology, Medical Paediatrics, Neurology and Endocrinology - went live on 29 March and Dermatology sub-specialty referring and referrals to Plastic Surgery were scheduled for go live on 6 April. General Surgery, Oral Maxillofacial Surgery, Audiology and Acute Allied Health Professional (AHP) referring to Community Stroke Services are all engaged to commence SCI Gateway referral pathways.

TrakCare – T2020 Upgrade
NHSGGC is working with the supplier to agree timescales for the testing and implementation of the TrakCare T2020 system upgrade. Significant consideration has been given to lessons learnt from previous system upgrades which eHealth aims to mitigate in this system upgrade. The T2020 roadmap is being developed to set out the key milestones over the next two years.
which will include the roll-out of Active Clinical Notes, JourneyBoard and the Mobile Enabled User Interface (MEIU) and improved usability.

**TrakCare – Results Sign-off**

Work continues, through the Board’s Results Governance Group, to encourage the uptake of results sign-off in TrakCare. Data for February 2021 shows that results sign-off in TrakCare remained at 50% compliance. This is made up of results from across in-patient, out-patient and Emergency Departments (ED) (including Specialist Assessment and Treatment Areas (SATAs)).

**Unscheduled Care Redesign**

NHSGGC continues to develop its unscheduled care pathway including:

- ongoing discussions with suppliers to integrate Adastra and TrakCare to allow better flow of information between NHS24 and NHSGGC
- expansion of virtual consultation capability across specialities including the launch of the Urgent Out of Hours (OOHs) Care Hub within Glasgow City Health and Social Care Partnership (HSCP). This service went live on March 2021 supporting the flow and navigation of social care calls through TrakCare
- Front Door Signposting – developing digital pathways and ensuring appropriate mobile equipment is used to safely manage patients through our Urgent Care services

**WinVoice Pro Document Management System**

The initial implementation of WinVoice Pro Document Management System is now complete across Adult Rehabilitation, Mental Health and Specialist Community Children’s Services. There continues to be an increase in the use of the system, enabling community documentation to be shared to Clinical Portal and GP practices via the Electronic Document Transfer (EDT) system.

<table>
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<tr>
<th></th>
<th>Nov 2020</th>
<th>Dec 2020</th>
<th>Jan 2021</th>
<th>Feb 2021</th>
<th>Mar 2021</th>
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<td>Total letters sent via EDT to GP Practices</td>
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<td>26,968</td>
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</table>

**Safer Medicines**

**Hospital Electronic Prescribing and Medicines Administration (HEPMA)**

Roll-out is targeted to begin week commencing 19 April, starting with Medical wards at the Queen Elizabeth University Hospital (QEUH). Roll-out across the QEUH is expected to take 14 weeks. The programme will then move on to Gartnavel General Hospital, Stobhill Ambulatory Care Hospital, Glasgow Royal Infirmary, Royal Alexandra Hospital and other sites. Roll-out across the entire Board is expected to take 18 months.
Safer Diagnostics

Image Storage for Advanced Clinical Methods
Five workstreams are being progressed, with completion due in May 2021.

Laboratory Information Management System (LIMS)
Invitation To Negotiate (ITN) has been issued to the bidders who were successful at the advertisement and European Single Procurement Document (ESPD) stage of the procurement process. Bidders have 40 days to submit their initial bid. All initial bids will be scored by scoring panels made up from nominees from all Boards involved in the procurement. Scoring is due to take place between May 2021 and October 2021.

Self-care and Remote Care

InHealthCare
COVID App – NHS Lanarkshire and NHS Forth Valley have gone live with the COVID app and National Services Scotland (NSS) is to issue a Lessons Learned and Progress Report in April. Service representatives have requested feedback from national Technology Enabled Care (TEC). eHealth is awaiting service instructions.

Rapid Heart Failure App – the build is going through debugging and testing before final review and sign-off to progress to the live environment by the Rapid Heart Failure Clinical Advisory Group. An Implementation Group has been established.

Virtual Patient Management
Significant progress has been made since the implementation of Active Clinical Referral Triage (ACRT) and Virtual Patient Management (VPM). These are both within the NHSGGC Remobilisation Plan.

Referrals vetted through ACRT have risen from 28.8% in November 2020 to 52.5% in February 2021.

Acute Outpatient appointments conducted by virtual modes of contact have increased from 27% in November 2020 to 32.9% in February 2021.

Within Community Adult Mental Health Services, the use of VPM has remained consistently above 30% with 24,932 appointments being conducted virtually during February 2021.

Within Community Children’s Services, the use of VPM has continued to rise, now exceeding 45% in February 2021.

Additional drop-in sessions for Near Me have been scheduled for the last two weeks in April, with dates and times to be advertised in Core Brief.

Primary Care and Contractor Services

COVID Vaccines
GP Practices have been supported in the use of the Turas Vaccine App, EMIS/Vison Data Templates and the Albasoft Data Extraction/Import tools over the last months as part of the wider vaccine management data quality and reporting requirements.

GP Back-scanning
The final year of GP back-scanning is currently progressing to scan circa 200,000 patient paper records within the remaining 49 GP practices, creating additional administrative and clinical activity.

To support existing paper-lite GP practices and practices currently being back-scanned, Practitioner Services Division are now canning paper records at the point of transfer, loading to the elimination of paper record transfer within NHSGGC GP practices. The final NHSGGC practices were onboarded in April 2021.

With the delivery of paper records now ceased, work has commenced on a final mop up of any patient records accumulated by GP practices since they were initially back-scanned.

GP Re-provisioning
After delays to the national Re-provisioning Programme, work has re-commenced with the functional operation groups to finalise the local NHSGGC specification in anticipation of the new systems being accredited and available from late summer 2021.

Innovations

CARP (COVID Advanced Respiratory Platform)
The full 60 sensors are now being used as part of the COVID-19 response, with data flowing successfully to the management platform. The set-up project has now finished, and evaluation will run until September 2021. Electrical Impedance Tomography (EIT) chest belt is being added into the project as a sub-study.

Chronic Obstructive Pulmonary Disease (COPD) Sleep Study
Based on the COPD platform, this is a research project to improve the sleep service by remote management of apnoea patients using Continuous Positive Airway Pressure (CPAP) devices. Study had been on hold due to COVID but the platform now ready to go-live from 18 April.

Dynamic Scot
Patient onboarding is continuing and the national scale-up is going, with NHS Lothian shortly to come on board. Artificial Intelligence (AI) work is progressing well, with progress being made on all 3 algorithms. TrakCare integration work is progressing.

Heart Failure Artificial Intelligence and Out-patient Appointment Service
The initial release of the digital application is due week commencing 5 April. Further development and integration features are being developed during April and May. The service
is vacating the NHS Louisa Jordan; a new location is under discussion but the service will continue to run from there when agreed.

National Trauma Application

The application development is near completion, with a fortnightly user acceptance testing (UAT) release schedule established. Final UAT completed in March. Various procurement and extension routes are being explored for the national roll-out.

vCreate Secure Clinical Video Service

Scottish Government Digital Health have confirmed a 6 month extension to vCreateNeuro funding nationally for 6 months and there is ongoing consideration of longer-term service procurement. The Women & Children’s Directorate is procuring additional licences for Neurology as well as other paediatric services.

vCreate will continue to provide Infant Development service to all neo-natal teams using video diaries, with the Scottish Government to provide one-off set-up costs to those centres not already using the service. There is very strong interest from Allied Health Professional services across NHSGGC and the West of Scotland. Existing pilots in falls and stroke rehabilitation have strong evaluation data.

vCreate Video Diaries

Scottish Government Digital Health have confirmed a 3 year procurement of Video Diaries for Neo-natal Intensive Care Units (NICUs), Paediatric Intensive Care Units (PICUs) and Adult Intensive Care units (ICUs) from April 2020.

Workforce and Business Systems

Speech Recognition Pilot 2

The pilot for the Women & Children's Directorate completed at the end of March. A review of all pilots will complete in April and will be submitted to the eHealth Strategy Board.

Technology and Infrastructure

NHS Louisa Jordan

After carrying out over 32,000 healthcare appointments, including Oral Medicine, Diagnostics, Plastics and Rheumatology, training over 6,900 healthcare staff and students and vaccinating around 175,000 people, NHS Louisa Jordan officially closed on 31 March. The decommissioning phase is now underway and will conclude on 31 July. All digital equipment commissioned in to the site will be returned back to NHSGGC stock and will be prioritised and distributed out across services to support remobilisation and key projects across the Board.

SEC Hydro

From Tuesday 6 April 2021, the SEC Hydro was commissioned and fully operational with all the key digital aspects (IT equipment, telephony, network infrastructure) to continue
supporting the vaccination programme and will provide the facility to support both NHSGGC and, if required, regional clinics with capacity for 10,000 per day.

**New Major Trauma Service**

Detailed discussions and planning are underway in conjunction with Heather McVey (Regional Network Lead/Planning Manager) in support of the commissioning of the new Major Trauma Service within NHSGGC which will see the launch of the Service within North, South and Clyde locations and across the West of Scotland and other Boards by August 2021.

**Genetics PASS Upgrade from v3 to v4**

eHealth is engaging with the supplier to complete deployment for further testing to be completed.

**Glasgow Precision Oncology Laboratory (GPOL) Move**

High Performance Coming (HPC) server racks have not yet shipped, leading to a delay, however, installation should be completed in April.

**Infusion Pumps**

Phase 1 of this project has closed. Discussions around Phase 2 will begin in April after being delayed due to pumps issues in February/March.

**Introduction of Video Recording into Resus at Queen Elizabeth University Hospital Emergency Department**

Connectivity to the server awaits progression by a third party. This should be completed by 20 April.

**Ophthalmology Medical Device Refresh**

Installation of 2 Triton devices has been confirmed for early April. The installation of a further device requires scheduling.

**Royal Hospital for Children Neonatal Intensive Care Unit (NICU) Patient Monitoring Upgrade**

Supplier resource is awaited to complete the work.

**Sentinel Upgrade**

Sentinel SCI store interface issue is being tested. The project will close in April.

**Virtual Server for Thromboelastography (TEG) Manager Software**

TEG has been installed and is currently in use. Phase 2 integration meeting is scheduled for mid-April.

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**Development and Informatics**

**Stroke Application Development**

Wireframe application has been demonstrated to the clinical team and the feedback generated is being included in the design. The integration with NHS Education for Scotland (NES) authentication is also going well and will save clinical staff having to click on multiple icons to get to clinical assessments.
West of Scotland Cancer Multi-disciplinary Teams

Testing is due to be completed by the end of April. There were some delays due to the Easter holidays, and go-live will be early May as a result.

Contact

If you would like more information about anything in this update, or would like to comment, please contact the eHealth Programme Management Office on pmo@ggc.scot.nhs.uk.

Website: www.nhsggc.org.uk/digitalasusual

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