Enhanced Distribution of Clinical Report Data

As hospital sites* across Vancouver Coastal Health (VCH), the Provincial Health Services Authority (PHSA), and Providence Health Care (PHC) go-live with Clinical & Systems Transformation (CST) project, the reports you receive will look different.

Your Electronic Medical Record (EMR) vendor is currently sending you what we refer to as *simple* reports; all clinical data is provided in a text blob, which can't be used by your EMR. With the implementation of a new clinical information system, your EMR vendor will have the opportunity to consume *enhanced* reports, which contain new Discrete Data elements.

The information below details what's changing, including the types of Discrete Data available in both simple and enhanced reports.

The Benefits of Discrete Data

Discrete Data is searchable data, which enables you to find the information you need quicker, see more trend values with greater ease, and trigger automated workflows. *Note that Discrete Data is only available via your EMR (i.e. not via Launchpad or fax).*

Discrete Data:

- Enables your EMR to create a flag when your patient has seen a specialist or has passed away.
- Enables you to see trends or changes across previous consults that can support decisions about prescribing medications to improve mortality/morbidity in patients (e.g. heart failure patients); tracking the progression of chronic disease and supporting management strategies; and the timely follow-up or referral to specialists.

Clinical Documentation

Current State: 25 clinical document types are distributed via Excelleris from hospital sites across VCH, PHSA and PHC.

Future State: 300+ clinical documents types will be distributed from hospitals sites* once they are live with the new clinical information system with the narrative portion of the report in PDF format. Please note that *Note Types* have been subcategorized by specialty to better support you in identifying and categorizing the reports you receive.

Clinical Documentation Discrete Data available from Health Authority	Received at EMR: Simple Report	Received at EMR: Enhanced Report
Patient Information (PHN, DOB, Last Name, First Name, Gender)	Yes	Yes
300+ Report Types Coded in LOINC[1]	Yes	Yes

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*On September 27 and October 1, 2018, clinical documents, Medical Imaging reports, Cardiology reports, and notifications will be distributed electronically by Pemberton Health Centre and Whistler Health Care Centre — the next VCH-Coastal sites to go-live with CST (Lions Gate and Squamish General hospitals began using the new system in April 2018).

[1]LOINC is an international standard that VCH is using to identify the type of electronic reports (i.e.: Cardiology Report)

Cardiology Reports

Current State: Findings for Cardiology reports are being distributed via fax or mail from hospital sites across VCH, PHSA, and PHC. Images are not included.

Future State: Findings for the following Cardiology report types will be distributed from hospital sites* once they are live with the new clinical information system, with the narrative portion of the report in PDF format as well as a number of discrete clinical values. Images will not be included; however, wave forms will be included in PDF format for Echocardiograms and ECGs.

Echocardiograms Reports

Echocardiogram Report Discrete Data available from Health Authority	Received at EMR: Simple Report	Received at EMR: Enhanced Report
Patient Information (PHN, DOB, Last Name, First Name, Gender)	Yes	Yes
Report Type Coded in LOINC	Yes	Yes
Left Ventricular Ejection Fraction	No	Yes
Mitral, Aortic, Tricuspid and Pulmonary Valve Descriptions	No	Yes
Degree of Regurgitation and Valvular Stenosis	No	Yes
Description of Shunts	No	Yes

ECG Reports

ECG Report Discrete Data available from Health Authority	Received at EMR: Simple Report	Received at EMR: Enhanced Report
Patient Information (PHN, DOB, Last Name, First Name, Gender)	Yes	Yes
Report Type Coded in LOINC	Yes	Yes
Heart Rate	No	Yes
PR Interval	No	Yes
QRS Duration	No	Yes
QT/QTc Interval	No	Yes
P, R, and T Wave Axis	No	Yes

Stress Test Reports

Stress Test Report Discrete Data available from Health Authority	Received at EMR: Simple Report	Received at EMR: Enhanced Report
Patient Information (PHN, DOB, Last Name, First Name, Gender)	Yes	Yes
Report Type Coded in LOINC	Yes	Yes
Mets and Exercise Time	No	Yes

Holter Monitor Reports

Holter Monitor Report Discrete Data available from Health Authority	Received at EMR: Simple Report	Received at EMR: Enhanced Report
Patient Information (PHN, DOB, Last Name, First Name, Gender)	Yes	Yes
Report Type Coded in LOINC	Yes	Yes

Medical Imaging Reports

Current State: Findings for Medical Imaging reports are being distributed via fax or mail from all hospital sites across VCH, PHSA, and PHC. Images are not included.

Future State: Findings for the following Medical Imaging report types will be distributed in plain text once hospital sites* are live with the new clinical information system. Images are not included.

- Bone Density Scan, CT Scan, Echocardiography, Interventional Radiology, MRI, Nuclear Medicine, Ultrasound, Fluoroscopic X-ray report, Radiographic X-ray report, Positron Emission Tomography, Mammography.

Medical Imaging Reports Discrete Data available from Health Authority	Received at EMR: Simple Report	Received at EMR: Enhanced Report
Patient Information (PHN, DOB, Last Name, First Name, Gender)	Yes	Yes
Report Type Coded in LOINC	Yes	Yes
Procedures Coded in SNOMED[2]: • Procedure Code • Modality • Body Structure Examined • Laterality • Use of Contrast Agent	No	Yes

Clinical Notifications

Current State: *Admission* and *Death Notifications* are sent electronically via Excelleris from LGH, with report narratives sent in text format. The *Admission Notification* includes the *Admission Reason* in the narrative.

Future State: No change. Only Lions Gate Hospital will send notifications. Notifications will not be sent from other sites live with CST (Squamish General Hospital, Whistler Health Care Centre, and Pemberton Health Centre).

Clinical Notifications Discrete Data available from Health Authority	Received at EMR: Simple Report	Received at EMR: Enhanced Report
Patient Information (PHN, DOB, Last Name, First Name)	Yes	Yes
Death Notifier	No	Yes

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[2] SNOMED is an international standard that VCH is using to express clinical healthcare terminology (i.e.: MRI of the head)

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To register/update your delivery preference with Excelleris, please contact Excelleris Support via email at support@excelleris.com or by phone at 1-866-728-4777.

For more information about clinical reports distribution to physicians in private practice, please visit the CST website here and check out our frequently asked questions.

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