



Photo: Elle Ambrasi



Photo: Susan Kelly-Easton



Photo: Michelle Wagner



Capital Plan Updates

Cariboo Chilcotin RHD Meeting

January 15, 2021

Topics

- GR Baker Hospital Emergency Department/Intensive Care Addition
- Long Term Care Facility
- 2020/21 Capital Plan Updates
- 2020/21 Minor Capital Projects
- 2021/22 Capital Plan
- Carbon Neutral Capital Program (CNCP)
- IM/IT Major Projects

Quesnel: GR Baker Emergency Department and Intensive Care Unit Addition

- A Business Plan outlining the new ED+ICU addition was approved by Government March 2019. The project was announced publicly in April 2019.
- Regional cultural history and finding human remains at the site necessitates continuous archaeological review until all excavation at the site is complete.
- The Early Works phase, completed in March 2020, revealed further human remains. With First Nations consent and participation the remains were ceremonially buried at the site on November 30, 2020.
- The main project tendered successfully within approved funding and was awarded for construction in August 2020.
- Bulk excavation is complete and the ED+ICU addition is scheduled to be complete in the summer of 2022.

GR Baker ER-ICU Project Budget & Schedule

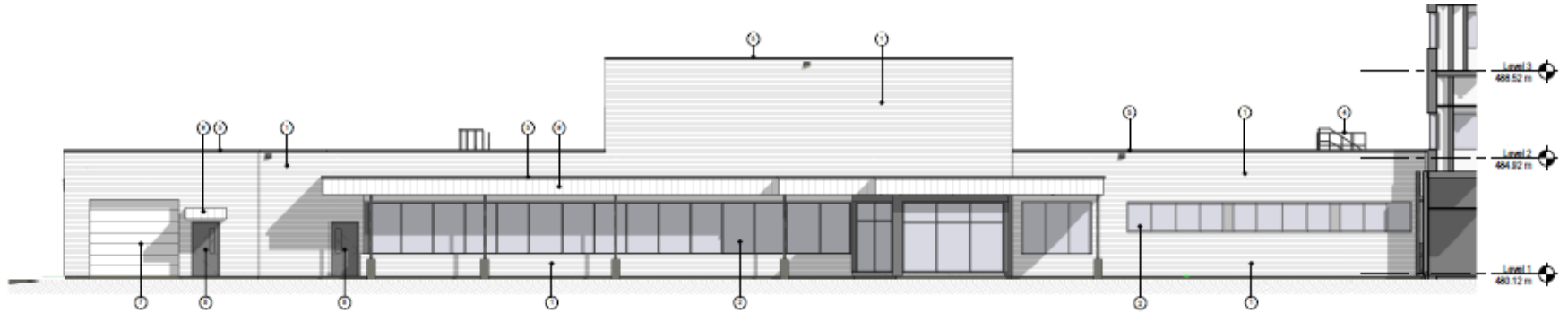
- Total Project Budget \$27.0M
- Cariboo Chilcotin RHD contribution \$10.8 M

Project Schedule

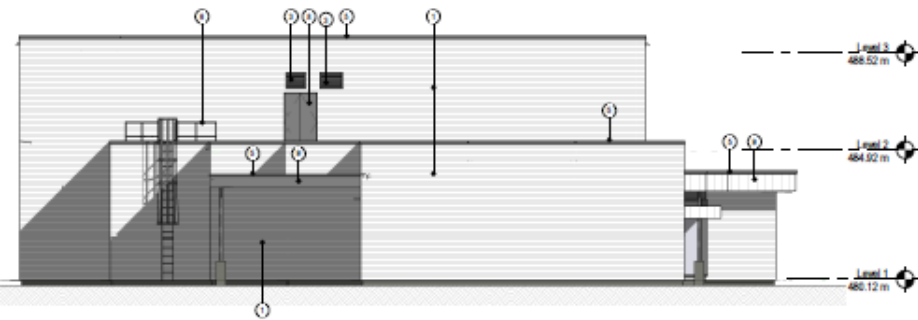
Milestone	Estimated Date Complete
Approval to Continue Planning	Sep, 2017
Business Plan – Ministry Approval	Mar, 2019
Early Works Tender and Award	Dec, 2019
Early Works Complete	May, 2020
Main Project Tender	Jun/Aug, 2020
Contract Awarded to True Construction	Aug, 2020
Contractor Mobilization	Oct/Nov, 2020
Bulk Excavation	Nov/Jan, 2021
Steel Superstructure	Mar/Apr, 2021
Roofing	May/June, 2021
Building Envelope	May/June, 2021
Mechanical/Electrical Rough-in	Aug/Oct, 2021
Exterior Civil - Paving	Aug/Sep, 2021
Mechanical/Electrical Finishing	Sep/Dec, 2021
Existing Building Tie-in	Feb/Mar 2022
Equipment Install	Mar/Apr 2022
Construction Complete	May, 2022
Commission and Move	Jun/Jul, 2022

Quesnel: GR Baker ED+ICU Addition

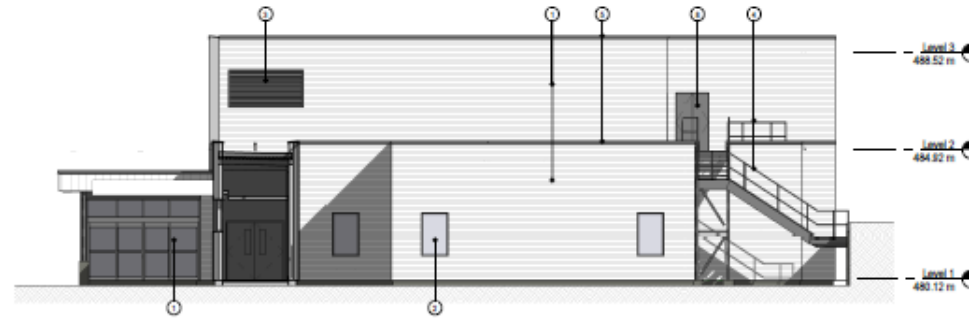
Building Elevations



1 WEST ELEVATION
A201 1:100



2 NORTH ELEVATION
A201 1:100

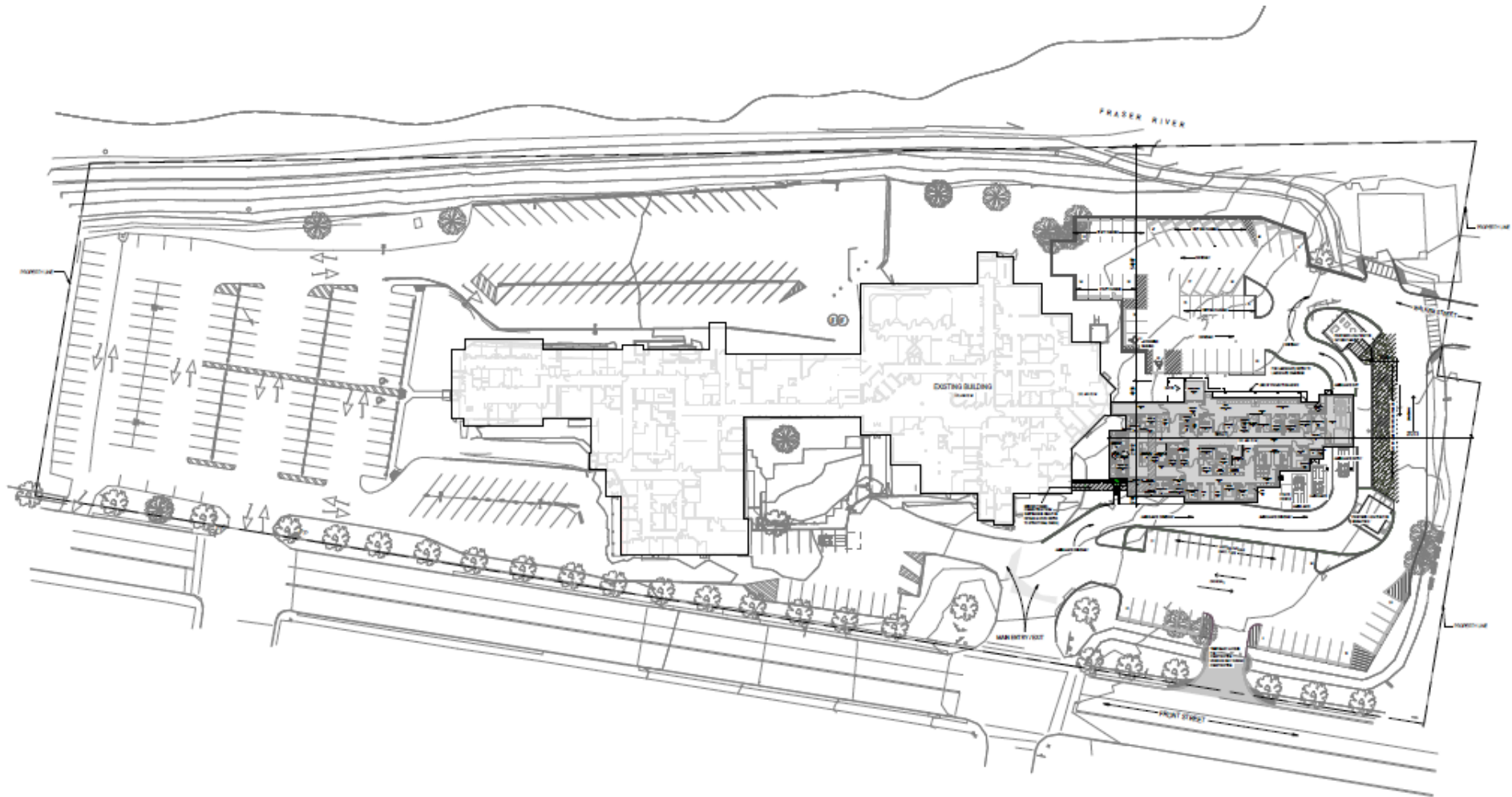


4 SOUTH ELEVATION
A201 1:100

EXTERIOR FINISH LEGEND	
①	PREFINISHED CORRUGATED METAL CLADDING (BRIGHT WHITE)
②	DOUBLE GLAZED PREFINISHED ALUMINUM WINDOWS
③	MECHANICAL LOUVER - PREFINISHED
④	STEEL RAILING - PREFINISHED
⑤	PREFINISHED METAL FLASHING (BRIGHT WHITE)
⑥	600mm WIDE GALVANIZED LADDER ON CAGE
⑦	OVERHEAD COILING DOOR - PREFINISHED (WHITE)
⑧	METAL DOOR AND FRAME - PAINTED (WHITE)
⑨	PREFINISHED VERTICAL METAL CLADDING (BRIGHT WHITE)

Quesnel: GR Baker ED+ICU Addition

Site Plan



Long Term Care Facility

- Government has request a business plan for a Long Term Care facility in Quesnel.
- Business Planning Budget of \$900,000
- Proposed based on bed modelling
- Complex Care & Alternative Dementia
- Supportive Housing (including Assisted Living)
- Development of five business plans outlining Northern Health's needs and priorities are currently underway.

2020/21 Capital Plan Updates

Major Projects

	Community	Project	Budget	RHD Funding
CCRHD	Quesnel	GR Baker Kitchen Renovation	\$5,000,000	\$2,000,000
CCRHD	Quesnel	GR Baker Sterile Compounding Room Upgrade	\$114,000	\$45,600

Major Projects

GR Baker Kitchen Renovations

- Project Value: \$5,000,000
- Cariboo Chilcotin RHD Funding: \$2,000,000
- Project Description: Renovate the existing Medical Records storage space to the new kitchen. Demolition of the existing kitchen space.
- Project Status: Mobilization for site set up and infection control began September 8, 2020.

Sterile Compounding Room Upgrade GR Baker Hospital

- Project Value - \$114,000
- Cariboo Chilcotin RHD Funding - \$45,600
- Renovate the existing Pharmacy hazardous compounding and ante room to NAPRA Standards.
- Completed October 9, 2020.

2020/21 Capital Plan Updates

Major Equipment (>\$100,000)

RHD	Community	Project	Budget	RHD Funding	Status
CCRHD	<u>Quesnel</u>	GR Baker X-Ray and Portable X-Ray Replacement	\$901,000	\$360,400	Executing
CCRHD	<u>Quesnel</u>	CT Scanner Replacement	\$1,916,000	\$766,400	Executing

Minor Capital (<\$100,000)

RHD	Total Funding	RHD Funding
Cariboo-Chilcotin RHD	\$447,000	\$187,000

Minor Building Integrity

RHD	Total Funding	RHD Funding
Cariboo-Chilcotin RHD	\$48,000	\$19,000

2020/21 Minor Capital Projects



Fund Budget Reconciliation

Period Date: **November 12, 2020**

Minor Capital < \$100,000

	FUNDING SOURCES					Actual Expenditures	Committed (Spent)
	MOH	RHD	Aux/ Foundation	Opening Cash	Total		
	\$202,000	\$187,000	\$35,972	\$7,364	\$432,336	\$143,151	\$439,841
Budget Total:	\$202,000	\$187,000	\$35,972	\$7,364	\$432,336	\$143,151	\$439,841
Expense Total:	\$209,506	\$187,000	\$35,971	\$7,364	\$439,841		
Variance:	\$(7,506)		\$1		\$(7,505)		

Capital Expenditures

2021

Minor Capital < \$100,000

GR Baker Memorial Hospital	N662180002	Software for Ventilator		\$7,194		\$7,194	7,194	Completed			
GR Baker Memorial Hospital	N662190034	Insufflator		\$585	\$17,054	\$17,639	17,639	Completed			
GR Baker Memorial Hospital	N662190046	Colonoscope - Pediatric		\$44,440		\$44,440	44,440	Completed			
Home and Community - Quesnel	N662190044	Meter - Jaundice		\$9,907		\$9,907	9,907	Completed			
	Count:	4	Completed Total	\$9,907	\$45,024	\$24,247	\$79,179				
GR Baker Memorial Hospital	N662190097	Digital Video Recorder Upgrade		\$28,102	\$30,499	\$58,601		Approved			
	Count:	1	Approved Total	\$28,102	\$30,499	\$58,601					
GR Baker Memorial Hospital	N662190005	Analyzer - Bacteriology		\$50,215		\$50,215		Ordered			
GR Baker Memorial Hospital	N662190055	Lift - Ceiling		\$18,099		\$18,099	15,782	Ordered			
GR Baker Memorial Hospital	N662190075	Scrubber - Floor		\$8,195		\$8,195	1,048	Ordered			
GR Baker Memorial Hospital	N662190095	Bed - Labour & Mattress		\$23,778		\$23,778		Ordered			
GR Baker Memorial Hospital	N662190096	Bed (GoBed II) X6 & Mattress X6		\$38,671		\$38,671		Ordered			
GR Baker Memorial Hospital	N662190100	Incubator - CO2		\$9,416		\$9,416		Ordered			
GR Baker Memorial Hospital	N662190101	Freezer - Plasma		\$13,318		\$13,318		Ordered			
Dunrovin Park Lodge	N662190039	Lift - Ceiling X3		\$22,467	\$7,364	\$29,831	27,541	Ordered			
Dunrovin Park Lodge	N662190071	Scrubber - Floor		\$7,156		\$7,156		Ordered			
Dunrovin Park Lodge	N662190079	Scanner - Bladder		\$19,601		\$19,601	19,601	Ordered			
Dunrovin Park Lodge	N662190094	Bed (GoBed II) X3 & Mattress X3		\$19,335		\$19,335		Ordered			
Dunrovin Park Lodge	N662190099	Tub - Massage		\$26,875		\$26,875		Ordered			
	Count:	12	Ordered Total	\$145,649	\$111,477	\$7,364	\$264,490	63,972			
GR Baker Memorial Hospital	N6621N0010	Shear Wave Elastography software upgrad		\$12,534		\$12,534	12,534	Op In Prog			
	Count:	1	Tsf to Operating Total	\$12,534		\$12,534	12,534				
GR Baker Memorial Hospital	N662190004	Facilities Maintenance Allocation 20/21				\$0		Cancelled			
	Count:	1	Cancelled Total			\$0					
GR Baker Memorial Hospital	N6621N0027	Monitor - Vital Signs X3		\$2,043	\$11,724	\$13,767		Op In Prog			
GR Baker Memorial Hospital	N6621N0031	Engineering Consult - M.R. Floor		\$11,270		\$11,270		Op In Prog			
	Count:	2	Tsf to Op In Progress Total	\$13,313	\$11,724	\$25,037					
			Minor Capital < \$100,000 Total	\$209,506	\$187,000	\$35,971	\$7,364	\$439,841	155,685		
	'Approved' Count:	1	Count:	21	Report Total	\$209,506	\$187,000	\$35,971	\$7,364	\$439,841	155,685
	'On Hold' Count:	0									
	'Ordered' Count:	12									
	'Completed' Count:	4									

2021/22 Capital Plan

Major Equipment (>\$100,000)

RHD	Community	Project	Budget	RHD Funding
CCRHD	Quesnel	GR Baker DI Multipurpose Fluoroscopy Replacement	\$1,540,000	\$616,000

Minor Equipment Allocations

RHD	Community	Total Allocations	RHD Portion
CCRHD	Quesnel	\$468,000	\$187,000

Building Integrity Allocations

RHD	Community	Total Allocations	RHD Portion
CCRHD	Quesnel	\$97,000	\$39,000

Major Projects

Carbon Neutral Capital Program (CNCP)

RHD	Community	Project	Budget	RHD Funding
CCRHD	Quesnel	Dunrovin Boiler Plant Renewal	\$500,000	\$200,000

IM/IT Major Projects

RHD	Community	Project	Budget	RHD Funding
Regional	REG	CHR Mental Health/Home & Community Care/Reporting	\$4,900,000	\$1,960,000
Regional	REG	EmergCare	\$4,350,000	\$1,740,000
Regional	REG	Endoscopy System Phase 1	\$788,000	\$315,200
Regional	REG	Northern Lights – Regional Personal Health Record/Portal	\$1,197,000	\$478,800
Regional	REG	InCare Phase 1	\$4,907,000	\$1,962,800
Regional	REG	Breast Imaging Electronic Reporting Solution	\$172,000	\$0
Regional	REG	eScheduling/Physician On-Call Scheduling	\$491,783	\$0
Regional	REG	Home Care Redesign (Procura Upgrade)	\$1,290,000	\$0
Regional	REG	Sharepoint Upgrade	\$179,000	\$0

IM/IT Major Projects

CHR Mental Health/Home & Community Care/Reporting

- Project Value: \$4,900,000
- RHD Funding: \$1,960,000
- Description: Community Health Record (CHR) project is to expand the use of an Electronic Medical Record (EMR) system to all non-acute (i.e. non-hospital based) health services.
- Project Status: In Progress

IM/IT Major Projects

EmergCare

- Project Value: \$4,350,000
- RHD Funding: \$1,740,000
- Description: EmergCare is a quality improvement project involving 26 emergency department clinical processes, practices, documentation, orders and IT tools/EMR (e.g. Cerner FirstNet).
- EmergCare will run parallel to InCare phase 1
- Project Status: In progress

IM/IT Major Projects

Endoscopy System Phase 1

- Project Value: \$788,000
- RHD Funding: \$315,200
- Description: UHNBC, Fort St. John and GR Baker hospitals currently use EndoWorks as the endoscopy procedure system. EndoWorks is past end of life and is being replaced with a new EndoPro system.
- Project Status: In progress

IM/IT Major Projects

Northern Lights – Personal Health Record/Portal

- Project Value: \$1,197,000
- RHD Funding: \$478,800
- Description: The Northern Lights Project involves the establishment of two patient portals linked to primary and community care, and acute care EMRs to provide lab results and imaging reports to people receiving care within Northern Health.
- Project Status: In Progress

HealthLife

Northern Health's hospital-based patient portal

Northern Lights – NH /RHD Boards Update

December 7- 2020



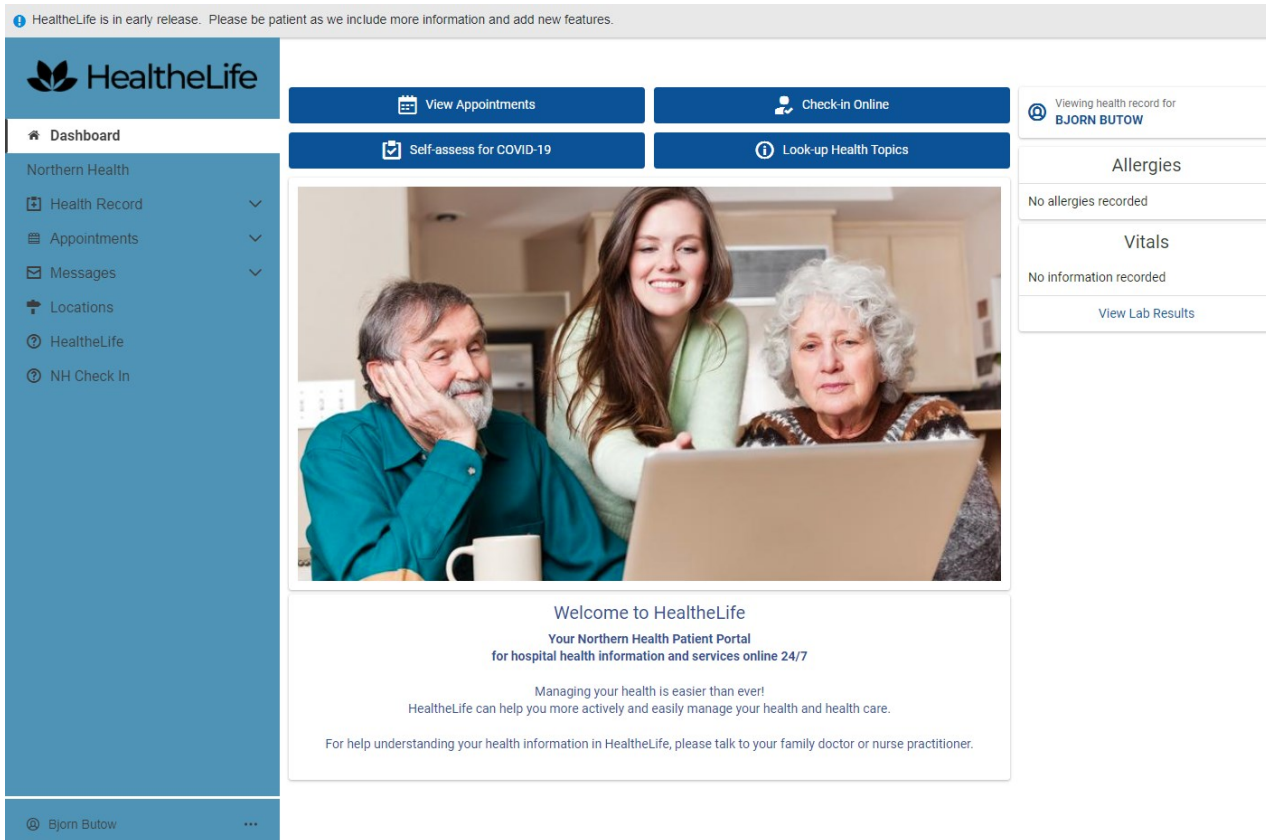
northern health
the northern way of caring

Publicly Soft Launched - November 12
Full Public Launch - December 18

HealthLife: Cerner Patient Portal

www.northernhealth.ca/healthlife

HealthLife is in early release. Please be patient as we include more information and add new features.



The desktop interface features a blue header with the HealthLife logo and a navigation sidebar on the left. The main content area includes a top row of buttons for 'View Appointments', 'Check-in Online', 'Self-assess for COVID-19', and 'Look-up Health Topics'. Below this is a large image of a family looking at a laptop. To the right, there are sections for 'Allergies' (No allergies recorded) and 'Vitals' (No information recorded), with a 'View Lab Results' link. A welcome message is centered below the image, and a user profile for 'Bjorn Butow' is at the bottom left.

HealthLife

Dashboard

- Northern Health
- Health Record
- Appointments
- Messages
- Locations
- HealthLife
- NH Check In

View Appointments

Check-in Online

Self-assess for COVID-19

Look-up Health Topics

Viewing health record for **BJORN BUTOW**

Allergies

No allergies recorded

Vitals

No information recorded

View Lab Results

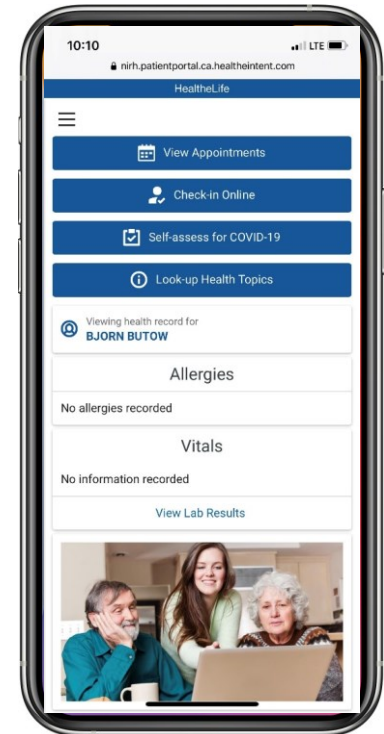
Welcome to HealthLife

Your Northern Health Patient Portal
for hospital health information and services online 24/7

Managing your health is easier than ever!
HealthLife can help you more actively and easily manage your health and health care.

For help understanding your health information in HealthLife, please talk to your family doctor or nurse practitioner.

Bjorn Butow



The mobile interface is shown on a smartphone screen. It features a blue header with the HealthLife logo and a hamburger menu icon. The main content area includes buttons for 'View Appointments', 'Check-in Online', 'Self-assess for COVID-19', and 'Look-up Health Topics'. Below this is a large image of a family looking at a laptop. To the right, there are sections for 'Allergies' (No allergies recorded) and 'Vitals' (No information recorded), with a 'View Lab Results' link. A user profile for 'BJORN BUTOW' is at the top.

10:10

nirh.patientportal.ca.healthint.com

HealthLife

View Appointments

Check-in Online

Self-assess for COVID-19

Look-up Health Topics

Viewing health record for **BJORN BUTOW**

Allergies

No allergies recorded

Vitals

No information recorded

View Lab Results

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Full Public Launch - December 18

HealthLife: Cerner Patient Portal

“Soft” launched patient platform

- **Basic demographics:** including your emergency contact and family doctor or nurse practitioner
 - **Lab tests (from 2007):** no delay for gen lab and micro results, 1 week delay for pathology
 - **Radiology imaging (from 2020):** 1 week delay, including X-ray, ultrasound and CT
 - **COVID-19 tests performed at NH facilities:** still working on COVID tests performed at LifeLabs - available in Cerner, but technical issue not available for viewing in HealthLife
 - **View appointments:** see booked appointments in hospital system, including lab, imaging, and others
-
- **Check in online:** links to NH Check In service; save your spot in line and see your wait times
 - **Find locations:** links to Northern Health locations webpage with addresses and contact information
 - **Complete COVID-19 self-assessment:** links to the BC COVID-19 self-assessment tool
 - **Look up health topics:** links to HealthLink BC, for topics, symptoms, and treatments

Publicly Soft Launched - November 12
Full Public Launch - December 18

HealthLife: Cerner Patient Portal

So what's next?

- **Fix COVID-19 test result availability:** from LifeLabs, and possibly BCCDC
- **Proxy and Mature Minor access:** providing family member access to your record
- **Schedule appointments:** piloting self-booking at the Fort St. John hospital lab and then other locations
- **Self-complete screenings:** same functionality as used by Island Health for patients to self-complete screening in portal and then available in Cerner
- **HealthLife mobile app:** launch app for Apple/iOS and Android to enable app-based notifications/alerts (Northern Health will be the first Cerner mobile app placement in Canada)
- **Integrated video visits:** frictionless, simple as Facetime, integrated HealthLife to PowerChart video visits available with booked appointments

IM/IT Major Projects

InCare Phase 1

- Project Value: \$4,907,000
- Fraser-Fort George RHD Funding: \$1,962,800
- Description: InCare phase 1 is a quality improvement project to increase the safety and effectiveness of in-patient acute care within seven site by digitally enabling care processes, practices and documentation.
- InCare phase 1 will run in parallel to EmergCare
- Project Status: In progress

Questions?

