

A three-phase \$1.35 billion improvement for BC's oldest hospital

PROJECT OVERVIEW • AS OF APRIL 2018

Benefiting British Columbians for generations

Helps to meet the future regional and provincial health care needs of British Columbians

Improves care through patient-centred design that supports best clinical practice

Adds 50% more beds, to a total of 675 beds, allowing the hospital to treat 11,300 more inpatients per year by 2025

Increases Emergency's capacity to 20% more visits per year by 2026

Increases the number of single-patient rooms to 80% (up from 30%) to improve the patient and family experience, privacy, and infection control

Adds more operating rooms, interventional cardiology and radiology suites, and MRIs

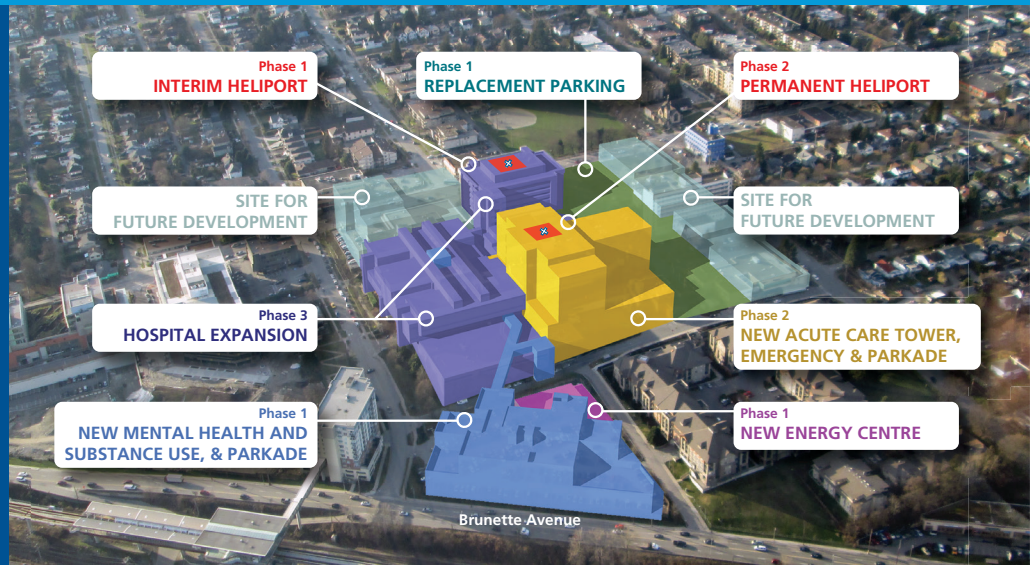
Introduces new medical technologies

Adds more parking

Upgrades and replaces aging buildings and infrastructure to improve care, work, and energy efficiency

Enhances the working environment, access to information, collaboration, and safety for physicians and staff

Adds more doctors, health care professionals and support staff

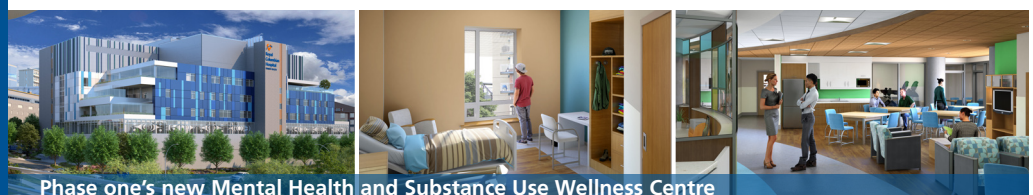


Phase One (2016-2019/20)

New Mental Health Facility, Energy Centre, Infrastructure

The first phase adds more mental health beds and prepares the site's infrastructure for further expansion. Phase one includes:

- **A new Mental Health and Substance Use Wellness Centre** with 75 beds, up from 30, and with Fraser Health's first Older Adult Psychiatric Unit, a Psychiatric High Acuity Unit and 12 outpatient clinics (nine new or expanded).
- **A new, more efficient Energy Centre** to replace the aging power plant, creating more capacity in support of the site's growth and advanced medical technologies, and to tie-in to New Westminster's future District Energy System.
- **New parking** including a multi-level underground parkade to replace the Allen Street surface lot, plus temporary lots for visitors and for employees while the parkade is built.
- **Relocation of the current heliport to Columbia Tower**, away from construction cranes used in phases one and two.
- **Advanced fibre optic network** and utilities infrastructure to support a wireless, technology-enabled, and growing hospital.
- **Site enhancements** to replace the aging Sherbrooke Centre, the Mental Health and Substance Use Program's current home.



Phase one's new Mental Health and Substance Use Wellness Centre

Royal Columbian Hospital

A provincial tertiary referral centre for BC's most critically ill

Phase Two 2020-2024

New Acute Care Tower, Emergency, Technology, Parking

This phase expands the hospital's bed capacity and includes:

- **A new Acute Care Tower with:**
 - **More beds** for intensive care, cardiac intensive care, medicine and surgery patients, all in single-patient rooms.
 - **New, larger Emergency Department.**
 - **Three more operating rooms**, three more interventional cardiology suites, and two more diagnostic radiology suites, all on one large interventional 'superfloor' for patients requiring sedation. Plus 'shelled' space for future ORs and suites.
 - **Two more MRIs**, plus space for another future MRI.
 - **More maternity beds** and a new maternity operating room.
 - **New underground parkade**, main entrance and heliport.
- **More Energy Centre equipment** and building services to support the new Acute Care Tower and hospital renovations.
- **New advanced technologies** and equipment.
- **Site enhancements** in place of the old power plant, main entrance, and laundry/maintenance buildings.

Phase Three 2023-2026

Expansion within Existing Buildings

The final phase upgrades areas in the Health Care Centre and Columbia Tower to support the beds and services added in phase two. It includes:

- **Expansion of clinical support spaces** such as the Laboratory, Pharmacy, Food Services, Diagnostic Services, Medical Imaging, Ambulatory Care, and more.
- **Conversion of 4-bed inpatient rooms** in Columbia Tower to single-patient or semi-private rooms.
- **Updates and expansions** to the Pediatric and Neonatal Intensive Care Units which will also connect them to the Acute Care Tower's Maternity Unit to create one large floor for families that spans two buildings.
- **Upgrade and move** the cafeteria, administration, some ambulatory care services, and more.



Preliminary concept for Phase two's new Acute Care Tower

Royal Columbian plays a vital role in BC's care network

The only hospital in BC with Level 1 trauma, cardiac care, neurosurgery, high-risk obstetrics, neonatal intensive care and acute mental health care services all on one site

One of only two Level 1 adult trauma centres in BC; receives trauma patients from across the province

Performs more open heart surgeries than any other BC hospital, over 940 each year

One of BC's busiest Emergency Departments and medical heliports

Fraser Health's only hospital for neurosurgery, open heart surgery, and heart catheterizations

Each year treats over 21,000 inpatients, 75,000 Emergency visitors, and 88,000 outpatients

A community hospital and high acuity care centre for New Westminster

A regional referral hospital that receives patients from Coquitlam, Burnaby, Port Coquitlam, Port Moody, Maple Ridge and Pitt Meadows who need a higher level of care than is available at their own community hospital

BC's oldest hospital, established in 1862, before Confederation

Learn more at fraserhealth.ca/royalcolumbian