



Royal Columbian Hospital Redevelopment Project Overview

The Royal Columbian Hospital redevelopment project is a \$1.49 billion, multi-year project that will increase the hospital's capacity, introduce advanced medical technologies, and improve the health care environment for patients, staff, and medical staff. When complete, the project will transform almost all aspects of the hospital and ensure that lifesaving services are available to people across the region now and in the future.

Phase One (2016 — 2020) Opened 2020

Phase one delivered a new mental health facility and prepared the infrastructure for the expansion in bed capacity in phase two.

- 75-bed Mental Health and Substance Use Wellness Centre with Fraser Health's first older adult psychiatric unit, a psychiatric high acuity unit and new and expanded outpatient clinics
- New energy centre to replace the aging power plant and support the hospital's growth
- Advanced fibre optic network to support a wireless, technology-enabled and growing hospital
- 450+ underground parkade

Phase Two (2020 — 2025) Under Construction

Phase two will create the Jim Pattison Acute Care Tower and expand the hospital's bed capacity.

- More beds for intensive care, cardiac intensive care, obstetrical, and medical/ surgical patients
- New, larger Emergency Department with 75 treatment bays and a satellite medical imaging unit
- More operating rooms and interventional radiology and cardiac suites on a surgical and interventional 'superfloor'
- Larger maternity unit joined to the Neonatal Intensive Care Unit
- Advanced technologies and equipment
- 350+ underground parkade, new main entrance, and rooftop heliport
- Site enhancements and infrastructure upgrades



Phase Three (2023 — 2026)

The final phase will upgrade and expand areas in existing buildings to support the beds and services in phase two. It will include expanded clinical support spaces such as pharmacy, laboratory, medical imaging and food services.

Benefits and Key Features

More capacity – Adds approximately 50 per cent more beds, allowing the hospital to treat thousands more patients every year to help meet future local and regional needs.

Patient-centred care – Planning and design focus on the patient's experience, treating patients with dignity and respect, sharing information, and participation and collaboration with patients.

More privacy – Increases the number of single-patient rooms to improve the patient and family experience.

Modern technology – Introduces new medical technologies such as state-of-the-art medical imaging equipment.

Enhanced services – Adds a new, larger Emergency Department with a satellite medical imaging unit, four more operating rooms, three more cardiac suites, and more maternity beds and maternity operating rooms.

Enhanced safety – Introduces features to enhance staff and patient safety, such as: separate routes for patients and staff; larger operating rooms; standardized layouts; and improved lines of sight from care stations.

Healing environment – Promotes healing through the use of design features like using natural light and green spaces.

Improved flow – Creates efficient travel routes between key areas to improve flow.

Better infection control – Includes the latest infection prevention and control requirements to improve safety such as operating rooms that include UV light to disinfect and kill pathogens.

Environmentally-friendly – Designed to be certified under the LEED process, which stands for leadership in energy and environmental design.

Fraser Health recognizes Royal Columbian Hospital is located on the traditional, ancestral and unceded shared territories of the ʔwɑ:ŋ ʕən [Kwant-len] and Qayqayt [key-kite] First Nations, and home to the North Fraser Métis Association.



For more information:

Fraserhealth.ca/royalcolumbian
RCHRedevelopment@fraserhealth.ca



Scan QR code to sign up for updates

July 2023

Follow our progress:

