



# BC Children's and BC Women's Redevelopment Project

An initiative of the Provincial  
Health Services Authority

## Teck Acute Care Centre: how we got here

The new BC Children's (BCCH) and BC Women's (BCWH) hospital's Teck Acute Care Centre (Teck ACC) has come to be through the passion and determination of hundreds of dedicated health-care providers, hospital staff, designers, patients and their families.

It's been a long process to get to this stage, and every step of the way the Redevelopment Project Management Office (PMO) team sought and received clinical input and involvement. They learned from other facilities and then molded those ideas into design concepts, drawings, blue prints and mock up rooms.

From a physician governance level, Dr. Eleanor Reimer was the primary physician lead in collaboration with BCCH, BCWH and PMO leadership. She contributed to governance committees including: Integrated Project Delivery Team, Redevelopment Tactical Team, Operational Readiness, and Hospital Implementation Team.

Together with the clinical representatives on the redevelopment team for every functional area of the hospital, and additional medical staff, the physician lead also contributed to clinical core planning teams, which provided input and feedback during the following stages of design:

### **Production Preparation Process**

Beginning in 2010, the project embarked on the Production Preparation Process approach to hospital design planning.

During this planning stage, representatives from clinical areas, including physicians, nurses, hospital leadership, allied health professionals, child life specialists, and the lean imPROVE team, used clinical data to plan the necessary program adjacencies and level allocations within the new Teck Acute Care Centre.

After the initial Production Preparation Process work was complete, each program continued to meet regularly with a consultant to review and write its functional program.

### **Integrated Facility Design (IFD)**

In 2012, Integrated Facility Design was implemented as a pre-construction planning method that



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included area experts, medical and academic leadership and administration. The IFD process of constant improvement strives to eliminate inefficiencies and excessive costs, with the ultimate goal of serving patients and families with the best possible care.

All programs that would occupy one floor of the Teck ACC were mocked-up to full size layouts in a large warehouse and flows were tested using day-to-day patient care scenarios. Monthly events were hosted where teams looked for ways to improve patient care, patient safety and to create more efficient ways to do their work. Mock-ups were revised and retested with the goal of finding the optimal layout for patient care in our complex and academic environment.

All staff were invited to attend and asked to provide feedback on the flow of patients, family members, service providers, supplies, information, medication and equipment.

The IFD team reviewed all suggestions, conducted tests and made changes where appropriate, impacting how patient care will be delivered in the new Teck ACC.

## **Request for Proposals (RFP) Process**

In 2013, during the Request for Proposals process, clinicians were engaged with the proponents' designs as committee participants in the submittal evaluation review process.

Additionally, the redevelopment subcommittee of the Medical Staff Association (MSA), consisting of 10-20 physicians, met monthly to discuss specific concerns about redevelopment. All members were invited to attend.

## **Design Process**

In 2014, the schematic design development process began. Each program developed a core multidisciplinary team that reviewed all documentation, drawings, paper and cardboard mock-ups, and provided clinical input. Participation in the team was voluntary and open to all medical staff interested in being involved.

The Construction Documents (CD) process involved many clinicians, hospital staff and redevelopment and Affinity team members. It took many hours, over several months to create, test and review detailed room designs.