



CANADIAN COLLEGE OF HEALTH LEADERS COLLÈGE CANADIEN DES LEADERS EN SANTÉ

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Centre for
**Health Care
Management**

The BC Lower Mainland Chapter and the Centre for Health Care Management (CHCM) at the University of British Columbia present:

Applying Lean Thinking and Principles in Building Design

Tuesday, February 7, 2012, 8:30 am – 9:30 am Pacific Time

This seminar is free to attend.

Abstract

BC Children's and Women's Health Center provides specialized care to local and provincial population and is a well known academic and research center. The organization has been on Lean journey for almost 4 years. When a new Acute Care Center was approved to replace exiting building, the organization decided to apply lean thinking and principles in building design.

Four 3P (Production, Preparation, Process) workshops were held from September 2010 to February 2011. These sessions focused on:

- The macro 7 flows of medicine and service relationships across C & W including Child Development and Rehab Center;
- The flow of patient arrival (planned and unplanned);
- The flow of inpatients and,
- The flow of procedures & interventions requiring sedation or anaesthesia.

Each session required four weeks of data collection followed by an intensive weeklong workshop. 45 to 55 staff from all disciplines including family representatives attended each weeklong workshop using the previously collected data to determine how flows could be optimized to inform design. These sessions then led to the creation of some break-through ideas on how flows could improve, ultimately leading to better patient care.

After 4 3P events, full size room mock ups were conducted to determine appropriate room sizes for optimal patient care. Space required for various rooms in the Pediatric Intensive Care, Neonatal Intensive Care as well as operating rooms were reduced 10 -30% as the result of the mock ups.

Since October, the organization has advanced to next stage of lean design – Integrated Facility Design. A Core Team consisting of medical directors, administrators, program managers, family representatives and architects has been assigned the responsibility of providing the guidance and leadership required to conduct the IFD process.

The presentation will discuss the journey that the Children’s and Women’s Redevelopment Project has undertaken to incorporate Lean process redesign as a precursor to the design of the physical structure


About the Speaker: Bob Breen

Bob has held a variety of healthcare positions over the past 38 years. His involvement in healthcare design began in 1988 when he became responsible for replacing the aging medical infrastructure for the Canadian Forces in Canada and Europe. He moved to BC in 1991 to take over the planning for the replacement of the MSA General Hospital which now stands as the Abbotsford Regional Hospital and Cancer Centre. He has also held the position of President and CEO of MSA General Hospital and as the Regional Chief Operating Officer of Health Programs in the Fraser Valley Health Region. In 2001, Bob left the public sector to become President of MDS Metro Laboratories in BC, the largest outpatient laboratory services provider in Western Canada. It was during this time that Bob became involved with Lean planning when he brought the process into the business as a means of improving productivity in response to government cutbacks on laboratory fees. Bob returned to the public sector in 2008 when he accepted his current position as Chief Project Officer for the redevelopment of the BC Children’s and Women’s Hospital. Bob has his MSc in Health Services Planning, is accredited in Evidence Based Design and has his green belt certification in Lean/Six Sigma.

Please register to participate:

IN PERSON/LIVE	LIVE WEBINAR	STREAMING VIDEO ARCHIVE
<p><u>RSVP to attend:</u> Diamond Health Care Centre Room 9299, 2775 Laurel Street, Vancouver, BC (map)</p>	<p><u>Join us</u> online live during the seminar. See and hear the presenter, view their slides, and ask questions!</p>	<p>If you are unable to participate live, <u>request to be notified</u> when the online video archive appears on chcm.ubc.ca.</p>

Registration: This will be provided free of charge by the BC Lower Mainland Chapter and UBC CHCM.

 <p>CANADIAN COLLEGE OF HEALTH LEADERS COLLÈGE CANADIEN DES LEADERS EN SANTÉ</p>	<p>MAINTENANCE OF CERTIFICATION Attendance at this program entitles certified Canadian College of Health Leaders members (CHE / Fellow) to 1 Category I credits toward their maintenance of certification requirement.</p>
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