



BCKD₁₈
BC KIDNEY DAYS

“We Are Built to Heal”

BC Children’s Hospital: Renal Program Update

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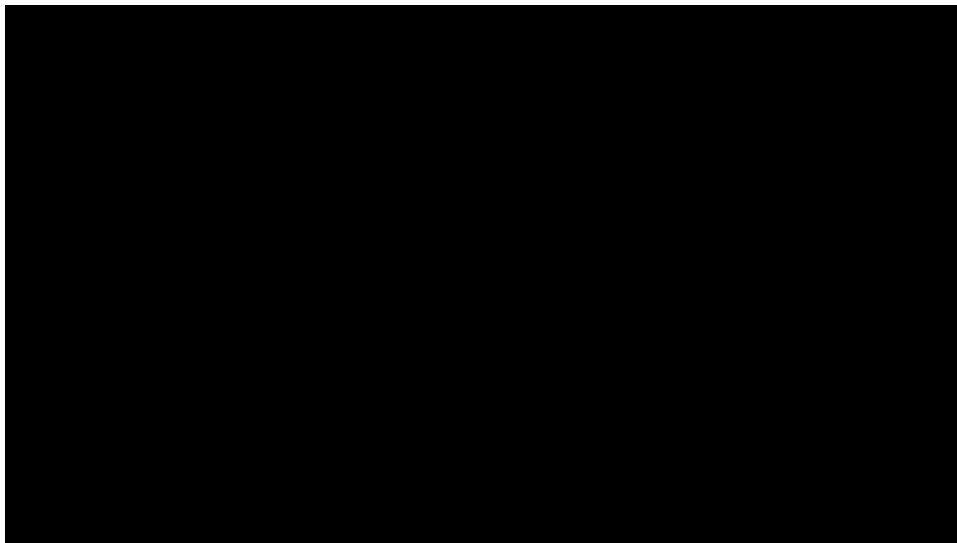
Melissa Coop, RN, BSN, MN

The Teck Acute Care Centre

- **P**ublic, **P**rivate **P**artnership (P3)
- Design, build, finance and maintain the Teck ACC
- 30 year performance-based contract between the government and a private company to deliver infrastructure and support services
- Construction began in May 2014 with completion July 2017



The Story



Building Highlights

- 10 years of planning, design and building
- 8 floors of clinical space and is 640,000 square feet in size
- Beautiful BC theme throughout the building inside and out
- Lots of windows, patios and garden areas
- Single patient rooms with family spaces



Interior Design

- Building theme is “Beautiful BC”
- Each Level represents an ecosystem moving from Ocean (Parking level) up through the Harbour, Meadow, Forest, and Mountains
- Wayfinding features throughout the building act as ‘breadcrumbs’










Colour Block

- Each level has a unique colour block at the public entrance to the floor
- This is what the public sees when they first exit the elevator
- Identifiable outside the elevators and at each stairwell landing



Level Directories

- Located at the exit to each elevator
- Highlights in the colour block what level you are on











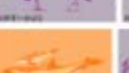





8	 Oncology / Hematology / BMT Inpatient Unit T8-101 - T8-127	
	Oncology / Hematology / BMT Outpatient Clinic	
7	 Inpatient Units	7 WEST: T7-101 - T7-124 7 EAST: T7-301 - T7-324
6	 Inpatient Units Burn Care T6-325	6 WEST: T6-101 - T6-124 6 EAST: T6-301 - T6-324
5	 Medical Device Reprocessing	
4	 Pediatric Intensive Care Unit PICU Special Procedures	
3	 Neonatal Intensive Care Unit NICU General Procedures Renal Dialysis Unit	
2	 Neonatal Intensive Care Unit NICU Birthing Unit Access via Level 1	
1	 EMERGENCY  Medical Imaging	

Critters

- Critters are from the floor ecosystem
- Used to identify pods



Level & Critter Summary

8			ONCOLOGY/HEMATOLOGY/BMT								
7			MEDICAL SURGICAL INPATIENTS								
6			MEDICAL SURGICAL INPATIENTS								
5		MEDICAL DEVICE REPROCESSING DEPARTMENT									
4					SPECIAL PROCEDURES PICU						
3					GENERAL PROCEDURES RENAL DIALYSIS UNIT NICU						
2							NICU BIRTHING				
1											MEDICAL IMAGING
P	PARKING MED										

Level 3



Level 7



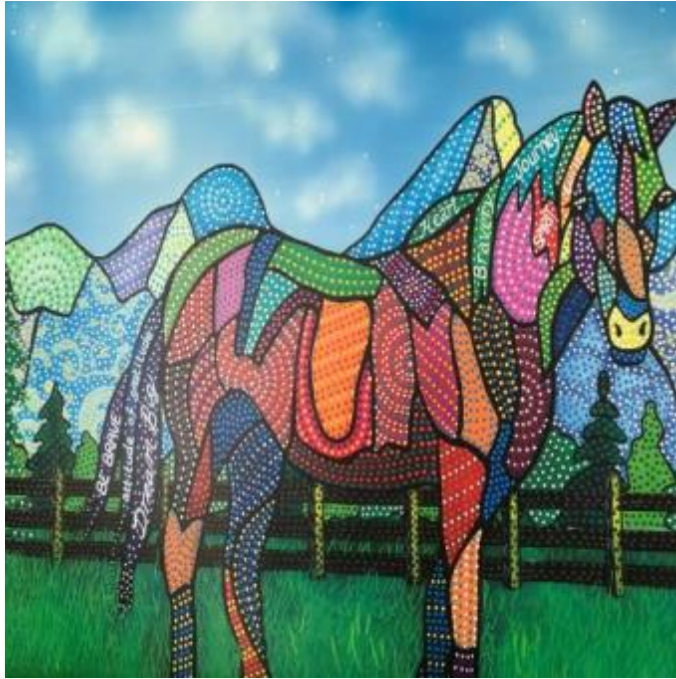
The Children's Healing Experience

- The project was 100% donor funded
- Exhibits original paintings, murals, interactive installations, playrooms, outdoor gardens and sculptures
- More than 60 Canadian artists, six iconic community partners

The Children's Healing Experience



Purposeful Healing Art



Purposeful Healing Art



Purposeful Healing Art



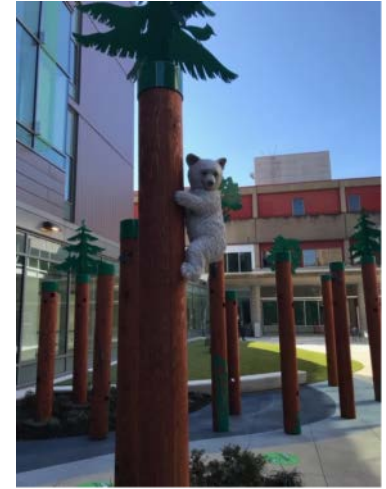
Wellness Walkway



Wellness Walkway



Wellness Walkway



Patios

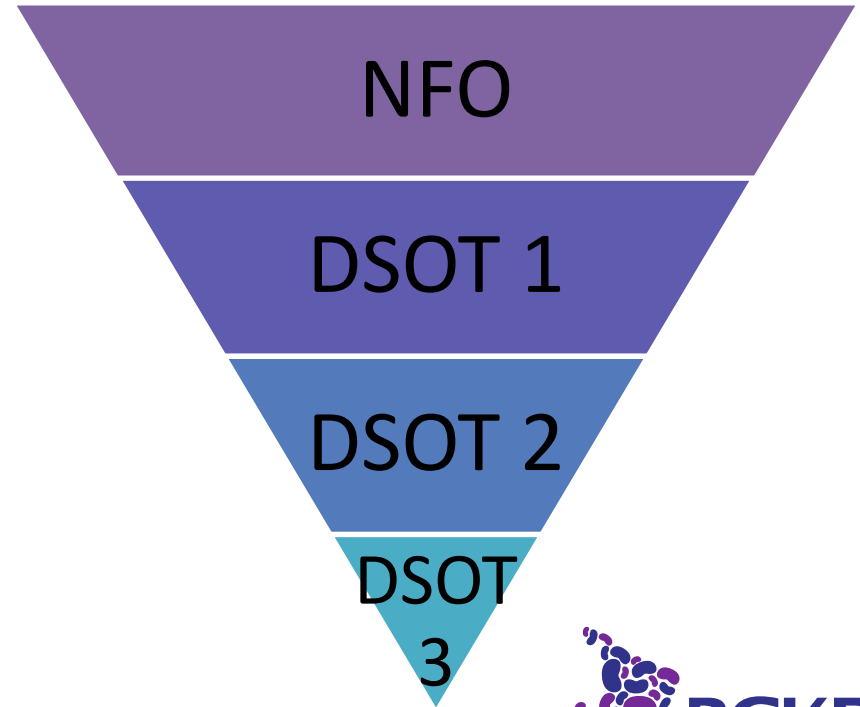


Patios



Education, Training & Orientation

- New Facility Orientation (NFO)
- Department Specific Orientation & Training (DSOT)
- Medical Staff Training



Education, Training & Orientation

- **3367** staff attended ETO sessions prior to Move Day
- **90%** attendance rate in all program areas including Medical Staff
- **80%** of staff self-reported a high level of readiness (3.98/5) for working in the new Teck ACC



Day in the Life (DitL)

- August 10th, September 14th and October 5th, 2017
- Interdisciplinary, hospital-wide dress rehearsals
- **80 mock scenarios** tested



DitL

- Scenarios created to:
 - confirm workflows
 - test paths of travel in the new space
 - evaluate ETO
 - test new equipment and systems
 - validate safety concerns
 - test code responses



DitL

- Approximately **450 staff** participated in each event, consisting of clerks, RNs, medical staff, support staff and volunteers
- Patient and Families also participated



Renal Dialysis Unit Scenarios

- Outpatient for dialysis
- Dialysis patient with Code Blue
- Isolation patient with dialysis machine issues
- Flood



Move Day Preparations

- 46 Move Protocols
- 15 Departmental Move Plans
- Mock Moves
 - 1st Table Top
 - 2 & 3
 - Departmental Mock Moves



Move Day: October 29, 2017

- Teck ACC Emergency Department, PICU, Procedures and MI opened at 0500
- Patients in the 1982 Emergency remained there until disposition was determined (admit or discharge)
- Inpatients were moved starting at 0700



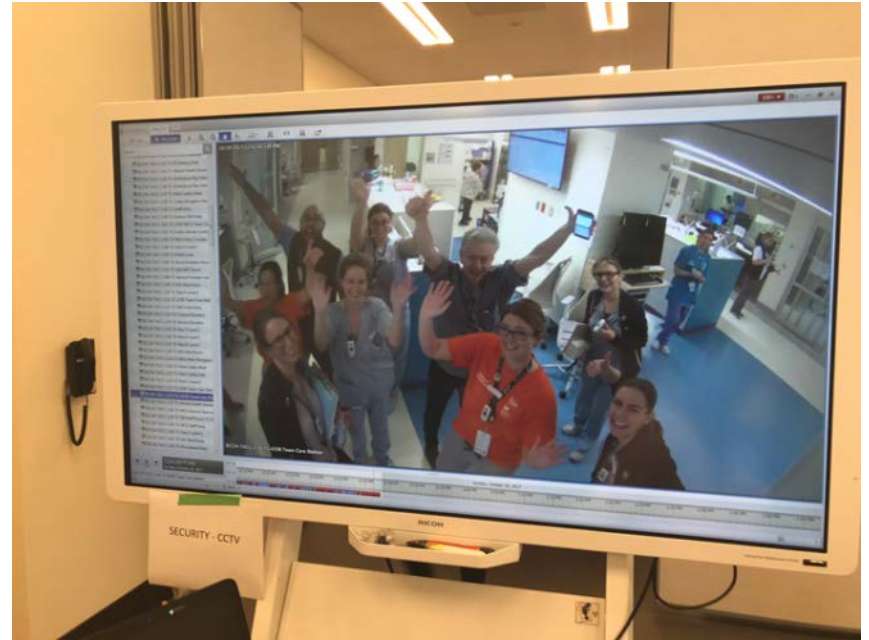
Move Day: October 29, 2017

- Patients moved every 2 minutes, PICU and NICU patients moved 10 minutes apart
- Department moved in entirety before the next one started moving
- Riskiest patients moved early (PICU & NICU) – *the most critical patients were scheduled for move roughly 3rd in the sequence from each area*

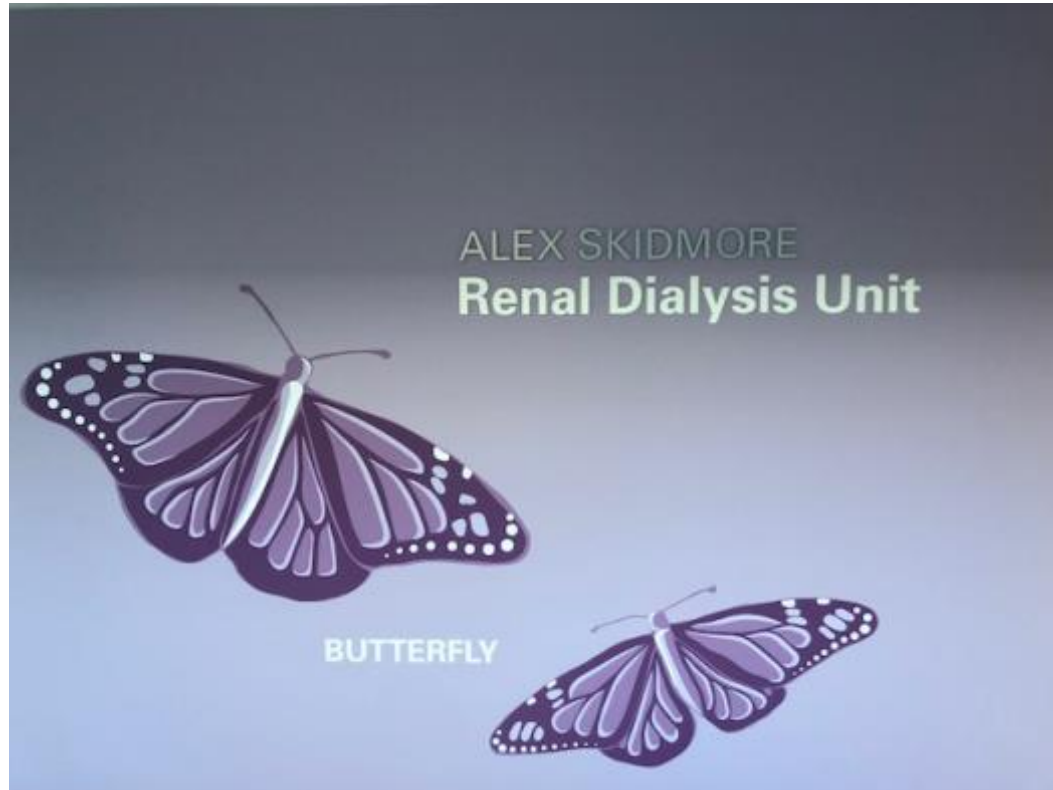


Move Day: October 29, 2017

- 108 patients safely moved to Teck ACC
 - 31 NICU, 9 PICU
 - 14 Oncology, Hematology, BMT
 - 54 Medical & Surgical Inpatients
- 1st baby born in Teck ACC at 15:47
- 5000+ pieces of equipment transferred
- 216 Move Team members



Alex Skidmore Renal Dialysis Unit



Renal Dialysis Unit

- Open-concept layout
- A large, bright space with many windows
- Approximately three times larger footprint



Public Entrance



Patient & Family Waiting Area



Nourishment Area



Team Care Station



Conference Room- Telehealth



Isolation Room Corridor



Airborne Isolation Rooms



Dialysis Bays



Exam Room



BioMed Tech Room



Med Room



Staff Lounge



T7 Medical Inpatient Unit

- Single Patient Rooms
- Window
- Room Divided into:
 - Family Zone
 - Patient Zone
 - Provider Zone



T7 Family & Fun Wing



T7 Family & Fun Wing



Patient & Family Experience

“I like the open concept where nurses can see my child while on treatment”

“We can mingle and talk with other families/patients for support”

“The nursing station is well centralized for easy access”



Patient & Family Experience

“The new building is a significant improvement compared to the old building”

“The RDU is bigger and brighter. I like the colour and that there are windows”

“I feel safe”

Questions?

