



equipmentneeds

“No matter how experienced we are, making life-and-death decisions is easier and better when we have the appropriate technology and equipment. Every dollar buys us time...time that ultimately saves lives.”
~ Dr. Gerald Simkus, RCH Chief of Cardiac Services

\$1.2 million Urgent Needs Campaign

Operating Table..... \$92,000

Supports the patient’s body during surgical procedures, stabilizing the patient’s position and providing for optimal exposure of the surgical field. Protects the patient from excessive manipulation, trauma, and abrasion. Three hinged sections are raised or lowered by mechanical or hydraulic systems.

Physiologic Monitor..... \$84,000

Monitors a patient’s basic physiological state while they are in the cardiac catheterization lab.

Intra-Aortic Balloon Pump \$66,700

An intra-aortic balloon pump (IABP) is an invaluable device that increases blood flow to the heart muscle and decreases the heart’s workload (up to 20%). It is regularly used in various cardiac situations such as open heart surgery or being placed in the aorta, the main artery that carries oxygen-rich blood to the rest of the body by catheter. It is the most common circulatory assist device used in Canada.

TEE Probe..... \$57,500

Offers a clear image of the heart and valves via an ultrasound sensor located at the tip. Provides accurate diagnoses for cardiac patients.

Tolerance Testing Treadmill..... \$48,300

Used in cardiac stress tests to measure blood flow to the heart during physical exercise. Test results may also be interpreted as a reflection of a person’s overall physical fitness.

NIM Monitor \$46,000

Nerve Integrity Monitor allows the OR team to hear and identify small EMG signals to help minimize nerve manipulation during surgery.

Debrider \$40,250

Removes dead, damaged or infected tissue to improve the healing potential of remaining healthy tissue.

Transport Defibrillator \$28,750

Defibrillation consists of delivering a therapeutic dose of electrical energy to the affected heart.

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Sigmoidoscope **\$25,800**
Can remove small growths and collect tissue samples in the colon used in the diagnosis of cancer, Crohn's disease and colitis.

Hypothermia Blanket **\$20,700**
Lowers the body temperature to decrease metabolism and oxygen consumption during a surgical procedure.

Bed **\$9,775**
Beds have a tremendous impact on patient care and comfort. Electric beds with fingertip control mean greater comfort and independence and ultimately a better quality of life for many patients. Lifting and moving patients can be physically demanding for nurses and is a leading cause of work related injuries. Most of our beds are 17 years old and their recommended lifespan is 12 years.

Mobile Lift **\$9,775**
Sit-to-stand lifts are designed to help patients who lack the strength or muscle control to rise to a standing position from a bed, wheelchair, chair, or commode. Standing is medically beneficial to reduce conditions such as osteoporosis which can occur when a disabled patient's bones weaken over time from under-usage. Patient lifts also help prevent injuries to medical staff that can be caused by repeated manual lifting.

Phototherapy Lights **\$8,050**
The phototherapy lights are used to treat neonatal jaundice, a common diagnosis in the newborn population. Jaundice is caused by the immature liver in a neonate that cannot break down red blood cells properly. It is very common in about half of the newborn population and even higher than that in the premature population. The phototherapy lights break down the bilirubin from the old red blood cells. Currently, we only have the stand up lights in which the baby cannot be held to receive the benefits and must be lying down without touch from the parents in between feedings.

The above is a summary of the equipment needs at Royal Columbian Hospital. For a complete list or more information, please contact us at 604.520.4438 or visit rchfoundation.com

*Prices include installation and administration costs.
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When every second counts, so does every dollar.

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