

Alberta's Strategic Clinical Networks

eCritical

The Goal

Implemented in 2012, eCritical Alberta is a repository of patient-specific critical care clinical information. It offers clinicians real-time information to help with clinical decisions.

The Process

eCritical includes two components – a bedside clinical information system (MetaVision) and a data warehouse and clinical analytics system (TRACER).



eCritical provides open access to reports related to patient acuity, utilization, quality and outcomes of care, as well as data extraction and analytics services which enable timely and efficient clinical operations and planning, quality improvement projects and activities.

The Outcome

eCritical Alberta has been rolled out to twenty-two critical care units across the province in waves, with additional units being added over time towards the goal of all critical care units being eCritical enabled.

Thirty-five units across Alberta are targeted for eCritical Alberta implementation, including adult, cardiac, pediatric and neonatal units.

The future plans of the eCritical Program include continued development and implementation in regional and neonatal ICUs (2015 to 2017), and the development of self-serve reporting options for health care teams.

The Team

The eCritical Alberta program is led by the Critical Care Strategic Clinical Network with support from a Provincial Advisory Group spanning neonatal, pediatric, adult and cardiac critical care.