

## CRITICAL CARE STRATEGIC CLINICAL NETWORK TRANSFORMATIONAL ROADMAP 2014-2017

The Critical Care Strategic Clinical Network (CC SCN) is a community of health care providers, operational leaders and stakeholders from Alberta's adult, cardiovascular, and pediatric critical care units, who take best practices, groundbreaking evidence, innovative ideas and local successes, and turn them into provincial ways of working. Since the network's formation in 2012, the CC SCN's Core Committee has worked to:

- Create a sustainable system with *appropriate and timely access* to critical care services
- *Leverage information technology* and clinical information systems to support the delivery and measurement of critical care services
- Set *clear definitions and standards* for critical care based on the six dimensions of quality detailed in the Alberta Health Quality Matrix - Acceptability, Accessibility, Appropriateness, Effectiveness, Efficiency and Safety
- Create new knowledge and apply evidence-based best practices to *improve patient and system outcomes*
- *Inventory and model critical care services* to determine current state, inform policy and support the delivery of critical care services



PATIENT AND FAMILY CENTRED CARE	SYSTEM TRANSFORMATION AND INTEGRATION	SUPPORTING DECISION MAKING	DRIVING QUALITY IMPROVEMENT	RESEARCH AND INNOVATION
<ul style="list-style-type: none"> <li>• PFCC Collaborative Committee</li> <li>• PFCC Toolkits, Standards and Guidelines</li> <li>• Palliative and End of Life Care</li> </ul>	<ul style="list-style-type: none"> <li>• Provincial Practice Guidelines for use of Inhaled Nitric Oxide (iNO)</li> <li>• Orientation Program for Adult Critical Care in Alberta (OPACCA)</li> <li>• Emergency and Disaster Preparedness / Pandemic Planning</li> <li>• Provincial Head and Neck Cancer Clinical Care Pathway Perioperative High Observation Protocol</li> </ul>	<ul style="list-style-type: none"> <li>• eCritical Alberta</li> <li>• Clinical Content Development and Optimization</li> <li>• Key Performance Indicators for Critical Care</li> <li>• Policy Development</li> <li>• Consultation</li> </ul>	<ul style="list-style-type: none"> <li>• Accreditation</li> <li>• Infection Prevention and Control (IP&amp;C) Central Venous Catheter Blood Stream Infection (CVC BSI) Prevention and Management Best Practices</li> </ul>	<ul style="list-style-type: none"> <li>• PRIHS I – ICU Capacity Strain</li> <li>• PRIHS I - Evidence-Care Gaps</li> <li>• PRIHS II – Evaluating Smart-e-Pants for Pressure Ulcer Prevention</li> <li>• Development of an Evidence-Informed ICU Discharge Tool</li> <li>• Patient and Community Engagement Research (PACER)</li> </ul>

CRITICAL CARE STRATEGIC CLINICAL NETWORK Transformational Roadmap 2014-2017		Active Years		
		2014/15	2015/16	2016/17
Patient and Family Centred Care	PFCC Collaborative Committee	✓	✓	✓
	PFCC Toolkits, Standards and Guidelines	✓	✓	✓
	Palliative and End of Life Care	✓	✓	✓
System Transformation and Integration	Provincial Practice Guidelines for use of Inhaled Nitric Oxide	✓	✓	
	Orientation Program for Adult Critical Care in Alberta (OPACCA)	✓	✓	✓
	Emergency and Disaster Preparedness / Pandemic Planning	✓	✓	✓
	Provincial Head and Neck Cancer Clinical Pathway - Perioperative High Observation Protocol	✓		
Supporting Decision Making	eCritical Alberta	✓	✓	✓
	Clinical Content Development and Optimization	✓	✓	✓
	Key Performance Indicators for Critical Care	✓	✓	✓
	Policy Development	✓	✓	✓
	Consultation	✓	✓	✓
Driving Quality Improvement	Accreditation	✓	✓	✓
	Infection Prevention and Control (IP&C) - Central Venous Catheter Blood Stream Infection (CVC BSI) Prevention and Management Best Practices	✓	✓	
Research and Innovation	PRIHS I: Identifying and Evaluating ICU Capacity Strain	✓	✓	✓
	PRIHS I: Reassessing Practices in the Daily Care of Critically Ill Patients: Opportunities to Identify and Close Evidence-Care Gaps	✓	✓	✓
	PRIHS II: Evaluating the Economic Impact and Quality of Care of the Smart-e-Pants Innovation for Pressure Ulcer Prevention		✓	✓
	Development of an Evidence-Informed ICU Discharge Tool	✓	✓	✓
	Patient and Community Engagement Research (PACER)	✓	✓	✓