

SCN Transformational Roadmaps: An Overview



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Introduction

Alberta's Strategic Clinical Networks™ (SCNs) are creating improvements within focused areas of health care.

To get the most out of our health care system, AHS has developed networks of people who are passionate and knowledgeable about specific areas of health, challenging them to find new and innovative ways of delivering care that will provide better quality, better outcomes and better value for every Albertan.

The SCN Mission:
To improve the health of Albertans by bringing together people, research and innovation.

Purpose of this document

Strategic Clinical Networks partner with various stakeholders across the health system, including many academic researchers and clinicians. This document provides an overview of the strategic directions for each SCN.

Networks continue to partner with academic researchers who conduct research in areas relevant to a network's strategic directions. We encourage researchers to reach out to the networks as they plan their projects and to seek collaboration and support.

Multiple SCNs may also collaborate on projects under their strategic directions. For more information, please visit us at ahs.ca/scn or contact the respective network.

How this document is organized

As part of becoming an SCN, each network develops a **transformational roadmap** (TRM) which acts as their strategic plan and outlines strategic directions and priorities over a three to five year timeframe. The transformational roadmap is an essential foundation for all SCNs.

Because SCNs were launched at different times, each TRM represents different timeframes.

Throughout the document, the * denotes SCNs that are currently updating and developing their TRMs so information presented within this report may change. Please contact the SCN directly for their most up-to-date TRM.

SCNs are organized alphabetically.

Addiction and Mental Health SCN TRM 2017-2020

Being mentally well is important in a person’s overall health and wellness.

The Addiction and Mental Health SCN was created to enhance the prevention and treatment of addiction and mental health issues in order to provide the best possible outcomes for patients.

We are a community of physicians, front-line health care workers, researchers, others specialized in addressing Albertans mental health needs focusing on prevention and treatment.

Contact Information: addictionmentalhealth.scn@ahs.ca

Vision

Improving Addiction and Mental Health Together

Mission

To improve addiction and mental health patient care and health outcomes in Alberta by engaging stakeholders to identify meaningful, evidence based opportunities for transformational change.

Strategic Direction	Priority
1. Enhance patient and public experience with the health system	<ul style="list-style-type: none"> Addiction and Mental health alternate models to emergency care Peer support
2. Improve health outcomes and clinical best practice	<ul style="list-style-type: none"> Child and youth mental health – school mental health initiative Perinatal Mental Health Repetitive Transcranial Magnetic Stimulation (rTMS) for Treatment resistant Depression (TRD)
3. Empower people and communities	<ul style="list-style-type: none"> Facilitation of provincial dialogue/conversations for Addiction and Mental Health Research capacity in care settings
4. Strengthen financial health and operational best practices	<ul style="list-style-type: none"> Choosing Wisely – Supporting Implementation of Psychiatry Recommendations Clinical Knowledge Topics starting with rTMS Naloxone Evaluation

Bone and Joint Health SCN TRM 2015-2018 *

The Bone and Joint SCN is Alberta’s primary vehicle for provincial bone and joint strategies that aim to keep Albertans healthy, provide them with high-quality care when they are sick, ensure they have access to care when they need it and improve their journey through the health system.

Contact Information: bonejoint.scn@ahs.ca

Vision

Keeping Albertans Moving

Mission

To build the best bone and joint health care system through empowered citizens and teams guided by evidence and outcome based practices.

Strategic Direction	Priority
1. Maximize and promote Albertans’ mobility and function	<ul style="list-style-type: none"> • Health promotion and injury prevention • Multidisciplinary clinics and teams • Centralized intake and triage • Pathway development • Patient Education • Provider Support and Education
2. Mend Albertans’ disability from bone and joint disorders and injuries	
3. Mitigate Albertans’ risk for bone and joint injuries and conditions	

Cancer SCN TRM 2017-2020*

The Cancer Strategic Clinical Network (SCN) brings together stakeholders from across the province from prevention, health care, research, and policy to lead and support evidence-informed improvements and bring innovation to health care.

Contact: cancer.scn@ahs.ca

Mission - Lead transformation to improve care across the cancer continuum for the people of Alberta to enhance

Strategic Direction	Priority
1. Efficiencies across the health system	<ul style="list-style-type: none">• Build a community that strategically transforms cancer care• Design and implement quality improvements• Use linked datasets to inform practice, policy and planning
2. Outcomes and experiences for patients and families	
3. Community supports closer to home	
4. Research that considers the needs of the health system	

Cardiovascular Health and Stroke SCN TRM 2017-2020*

The Cardiovascular Health and Stroke Strategic Clinical Network aims to improve the prevention, treatment and management for the spectrum of vascular disease, bringing together programs and services which care for cardiac and stroke patients.

Alberta is home to some of the most forward-thinking and comprehensive prevention, treatment and disease management strategies.

The network is committed to ensuring that Alberta continues to be a national leader in the prevention, treatment and research for cardiovascular and stroke health disease. The Strategic Clinical Network builds on the success of three key initiatives:

Contact: cardiovascularhealthstroke.scn@ahs.ca

Vision

Healthy hearts and brains for all Albertans

Mission

Supporting the health of Albertans through prevention, collaborative partnerships, research and innovation in cardiovascular health and stroke.

Strategic Direction	Priority
1. Enhancing prevention and integration of health promotion and wellness	<ul style="list-style-type: none"> • Vascular Risk Reduction scale and sustainability • Work with partners to focus on upstream care • Surveillance and monitoring of risk factors using quality dashboards • Vascular risk reduction policies
2. Reducing inequities in care and outcomes	<ul style="list-style-type: none"> • Implement Endovascular Reperfusion across Alberta • Develop a cardiac imaging IT roadmap with initial focus on Echocardiography • Build an economic model of stroke and cardiac rehabilitation • Use data and evidence to consult on health system utilization • Increase focus on remote monitoring and telehealth
3. Improving the patient journey as well as health system quality and care	<ul style="list-style-type: none"> • Standardized care for heart failure, stroke and chest pain through clinical pathways • Develop device clinical guidelines and STEMI order sets • Actively involving patients and their families in our work

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	<ul style="list-style-type: none">• Develop and implement clinical dashboards for quality management• Complete the PRIHS 1 project, PERFORM
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Critical Care SCN TRM 2017-2020*

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, ground-breaking evidence, innovative ideas and local successes, and turn them into provincial ways of working.

Our goal is to be a recognized leader in the provision of optimal, sustainable, patient and family centred critical care across the health continuum.

Contact: criticalcare.scn@ahs.ca

Mission:

The Critical Care Strategic Clinical Network works to ensure the best care for critically ill Albertans through innovation and collaboration

Strategic Direction	Priority
4. Appropriateness of Care	<ul style="list-style-type: none"> • Alberta ICU Delirium • Orientation Program for Adult Critical Care in Alberta
5. Research and Innovation	<ul style="list-style-type: none"> • Build Capacity for Research • Create New Knowledge
6. Emerging Partnered Initiatives	<ul style="list-style-type: none"> • Transfusion Medicine • Palliative End of Life Care
7. Supporting Decision Making	<ul style="list-style-type: none"> • e-Critical • Key Performance Indicators

Diabetes, Obesity and Nutrition SCN TRM 2017-2021

The Diabetes, Obesity and Nutrition Strategic Clinical Network (DON SCN) brings together a diverse group of Albertans with a keen interest in improving and streamlining care across these three important and inter-connected areas of health.

Contact: don.scn@ahs

Vision

All Albertans have access to services and supports that optimize their nutritional status, prevent or reduce risk of diabetes, obesity, and malnutrition, and enable those living with these chronic diseases to be healthy and well.

Mission

To bring people together to integrate research and innovation within quality care in order to promote equitable seamless and sustainable healthcare services related to diabetes, obesity, and nutrition for all Albertans.

Strategic Direction	Priority
1. Prevent the onset and progression of diabetes, obesity and malnutrition	<ul style="list-style-type: none"> Standardizing foot care across Alberta Working with AHS and Alberta Health on the identification, implementation and evaluation of new models of care for obesity management in the community. Working with AHS Nutrition and Food Services to develop a Malnutrition Strategy for screening, assessment, and treatment of people with malnutrition.
2. Empower patients and providers to better manage diabetes, obesity, and malnutrition to live well and long	<ul style="list-style-type: none"> Improve glycemic management in hospitals to enhance health outcomes of patients with diabetes People with diabetes and primary care providers learn and practice the importance of foot screening and care Develop an understanding of both the impact of malnutrition in patients' lives as well their perceived barriers to achieving a healthy diet.
3. Transform the health care system through research, surveillance, and partnerships	<ul style="list-style-type: none"> Development of the Enhanced Diabetes Surveillance and Research Infrastructure that will inspire future research and new health service

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Strategic Direction	Priority
	<ul style="list-style-type: none">• Translation of research findings into practice e.g. “Care and Rehabilitation for Patients with Severe Obesity in Alberta’s Tertiary Care Settings” (PRIHS 1) project to Bariatric Friendly Care Hospital Standards for eventual spread to Alberta hospitals

Digestive Health SCN TRM 2017-2021

The Digestive Health Strategic Clinical Network aims to meet the healthcare needs of Albertans with digestive health concerns based on evidence and best practices within Alberta and around the world.

The network is committed to ensuring that Alberta continues to be a national leader in the prevention, treatment and research for digestive health.

Contact: digestivehealth.scn@ahs.ca

Vision

The best digestive health for all Albertans

Mission

Innovate and collaborate to create a person-focused, high quality digestive health system through prevention, research, and best practices

Strategic Direction	Priority
1. Integrate Primary/Specialty Care approaches to digestive diseases and improve access	<ul style="list-style-type: none"> • Implement and monitor a complete, standardized provincial referral process and use innovated models to improve access to care • Enhance support and resources for primary health care providers to manage digestive diseases • Create a standardized wait time management system for consultations and endoscopic procedures
2. Deliver high quality, standardized digestive health care	<ul style="list-style-type: none"> • Develop and implement provincial clinical pathways for patients to improve disease prevention, management and continuity of care • Address unwarranted clinical variation and improve quality of care for endoscopy procedures • Standardized education and supports for patients, families and providers
3. Provide clinically appropriate and efficient care	<ul style="list-style-type: none"> • Improve appropriateness of testing and therapies
4. Prevent digestive diseases	<ul style="list-style-type: none"> • Prevent chronic liver disease through better identification and management of preventable causes of this disease • Decrease incidence of C. difficile in acute care facilities

Emergency SCN TRM 2019-2022

The Emergency Strategic Clinical Network is committed to developing and supporting a system-wide approach to the delivery of emergency care for Albertans that is appropriate, patient-focused, timely, safe, and aligned with quality standards. To achieve this, we work with a diverse group of people and clinical services to ensure we have input from all stakeholders.

Contact: emergency.scn@ahs.ca

Vision

Build an inclusive network that supports the advancement of evidence informed emergency care for all Albertans.

Mission

Support quality patient and family centered emergency care driven by education, innovation and practice-changing research through collaboration.

Strategic Direction	Priority
1. Respond to the needs of our patient population	Patient experience in emergency departments and urgent care centres
2. Partner as problem solvers and innovators	<ul style="list-style-type: none"> • Opioid crisis
3. Optimized people and resources	<ul style="list-style-type: none"> • Improved educational opportunities • Connect care • EMS offload • Staff violence in the workplace
4. Research and innovation	<ul style="list-style-type: none"> • Integrate research for better implementation/improvement

Kidney Health SCN TRM 2019-2023

The Kidney Health SCN partners with Albertans to achieve excellence in sustainable quality kidney care and outcomes through innovation and evidence based practice. We strive to optimize prevention, early identification and appropriate management across all ages and stages of kidney health

Contact: kidneyhealth.scn@ahs.ca

Vision

Optimal kidney health for all Albertans

Mission

Through innovation, partnership, and use of best evidence, we will optimize prevention, early identification and management across all ages and stages of kidney health.

Strategic Direction	Priority
1. Reduce risk of acute kidney injury and chronic kidney disease through prevention, early identification and appropriate management.	<ul style="list-style-type: none"> • Increase early identification of kidney disease and its risk factors in high risk populations • Identify those at high risk of acute kidney injury and develop strategies to reduce the risk. • Prevent kidney disease and address underlying common modifiable chronic disease risk factors
2. Improve management, coordination of care and outcomes of patients with kidney disease.	<ul style="list-style-type: none"> • Increase use of evidence-informed therapies that delay progression of kidney disease. • Reduce variation in identification and management of glomerulonephritis. • Improve appropriate utilization and integration of health care services
3. Optimize informed choice and outcomes for those living with end stage kidney disease.	<ul style="list-style-type: none"> • Increase access to and improve patients' experiences with kidney transplantation. • Increase uptake of home dialysis • Improve the lives and well-being of patients living with End-Stage Kidney Disease. • Improved transitions in care from one treatment approach to another.

Maternal, Newborn, Child and Youth SCN TRM 2017-2020*

The Maternal Newborn Child & Youth Strategic Clinical Network (MNCY SCN) brings together a diverse group of Albertans with a keen interest in improving and streamlining care across these three important inter-connected areas of health; maternal fetal, newborn, child and youth populations.

Contact: maternalnewbornchildyouth.scn@ahs.ca

Vision Healthy mothers, newborns, children, youth and families

Mission To bring together people, evidence and data to achieve the best possible health outcomes for mothers, newborns, children, youth and families within a sustainable publically funded health care system.

Strategic Direction	Priority
1. Metrics that matter	<ul style="list-style-type: none"> • MyCHILD ALBERTA • NICU Dashboard • Performance Indicators
2. Access and Capacity	<ul style="list-style-type: none"> • OBS access for rural, Indigenous, marginalized women • Optimized Pediatric Capacity <ul style="list-style-type: none"> ○ Standardized pediatric education ○ Telemedicine support • Facilitated transitions for children with complex needs
3. Quality and Sustainability	<ul style="list-style-type: none"> • Pregnancy Pathways • Pediatric Concussion Pathway • Indigenous populations outcomes • Sustainable NICU/Pediatric workforce • Family integrated care in NICU • Using resources wisely • Research • Clinical Knowledge Topics

Neurosciences, Rehabilitation, Vision SCN TRM**

The Neurosciences, Rehabilitation & Vision Strategic Clinical Network (NRV SCN) brings together stakeholders from prevention, healthcare, research, and policy to lead and support evidence-informed improvements and bring innovation to Alberta's healthcare.

The NRV SCN will engage with zone and provincial operations as well as external partners, community members, interest groups, municipalities, and community-based organizations.

Contact: neurorehabvision.scn@ahs

Mission: Improving how Albertans see, think and live.

**Note: Their TRM is currently under development

Strategic Direction	Priority
1. Improving clinical practice through research and innovation.	<p>This strategic direction is inclusive of both creating new knowledge as well as translating existing knowledge into practice.</p> <p>Potential priority areas:</p> <ul style="list-style-type: none"> • Understand patient experience and determine areas to focus and improve clinical practice • Explore opportunities for vision rehab in Alberta • Explore applications for therapeutic treatments in NRV areas
2. Integrating care across the patient journey.	<p>This strategic direction focuses on having better integrated care across the patient journey (from prevention through to end of life care).</p> <p>Potential priority areas:</p> <ul style="list-style-type: none"> • Develop and implement standardized evidence-informed provincial clinical pathways/care delivery systems • Improve transitions in care for patients and families • Identify and build partnerships and resources to better support patients in the community
3. Support evidence-informed decision making.	<p>This strategic direction focuses on identifying outcome measures and using evidence to inform</p>

Strategic Direction	Priority
	<p>decision making.</p> <p>Potential priority areas:</p> <ul style="list-style-type: none"> a. Identify, implement, and monitor standardized quality indicators across NRV <p>Improve appropriateness of testing and therapies</p>
<p>4. Ensuring timely and equitable access to care across the continuum.</p>	<p>This strategic direction focuses on improving access to care for all Albertans, regardless of geographic location or where they are at along the patient journey.</p> <p>Potential priority areas:</p> <ul style="list-style-type: none"> a. Understand care gaps for equitable access b. Access care closer to home by exploring opportunities to better utilize virtual care <p>Implement central access to specialty care</p>

Population, Public and Indigenous Health SCN – Population and Public Health TRM*

The Population, Public & Indigenous Health Strategic Clinical Network provides the opportunity to place population health, public health and Aboriginal health in a strategic position thereby strengthening efforts to focus on promoting health across AHS including all SCNs (pan-SCN approach).

The PPIH SCN will engage with zone and provincial operations as well as external partners, community members, interest groups, municipalities, and community-based organizations

Contact: ppih.scn@ahs.ca

Mission: Drive innovation that creates opportunities and conditions for all people in Alberta to reach their full health potential.

Strategic Direction	Priority
1. Strengthen Community Action	<ul style="list-style-type: none">Communities and inter-sectoral partners take action to improve health outcomes and reduce inequities.
2. Reorient Health Services	<ul style="list-style-type: none">Shared responsibility for promoting health and well-being is firmly embedded across health services.

Population Public and Indigenous Health SCN – Indigenous Health TRM 2018-2020

The Population, Public & Indigenous Health Strategic Clinical Network provides the opportunity to place population health, public health and Aboriginal health in a strategic position thereby strengthening efforts to focus on promoting health across AHS including all SCNs (pan-SCN approach).

The PPIH SCN will engage with zone and provincial operations as well as external partners, community members, interest groups, municipalities, and community-based organizations

Contact: ppih.scn@ahs.ca

Mission: Improve the health and wellness of Indigenous people by:

- Engaging Indigenous peoples as equal partners in their own health, wellness, and care at the individual, family and community level
- Exploring, identifying, and embedding equitable, holistic and culturally safe health practices
- Acknowledging and addressing health inequities rooted in the determinants of health

Strategic Direction	Priority
1. Truth and Reconciliation	<ul style="list-style-type: none"> • Implement the Truth and Reconciliation Commission of Canada's Calls to Action through respectful engagement with Indigenous peoples. These include , but are not limited to, the health-specific Calls to Action (#18-24) • Address jurisdictional barriers in processes and systems that impede health services, wherever such barriers are found: e.g. between the federal and provincial governments, among the various zones of Alberta Health Services or within Indigenous communities.
2. Transform Health Services and Systems	<ul style="list-style-type: none"> • Eliminate racism in the health-care system • Align and support primary health care in Indigenous communities • Identify and enhance equitable access to health services for all Indigenous peoples
3. Address Indigenous Determinants of Health	<ul style="list-style-type: none"> • Support Indigenous communities to build on local capacity to identify and measure health

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	<ul style="list-style-type: none">• Support Indigenous communities to impact the determinants of their health towards reducing health inequities
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Primary Health Care Integration Network SCN TRM 2018-2021

The PHC Integration Network is a customized Strategic Clinical Network™ (SCN) that was established to improve health outcomes and patient/provider experiences, while addressing challenges in Alberta to reduce spending in healthcare.

Connecting academic research, clinical evidence and innovation with front-line providers, the Network will facilitate new ways of delivering care throughout the province, focused on local best practices and coordination of services. We will work with partners to find solutions for common challenges in the system, such as long wait times, transitions in care and lack of access to specialists or other services.

Placed within the AHS Provincial Primary Health Care Program, the PHC Integration Network works closely with several key partners, including patient/family advisors, AHS zones and provincial programs, Primary Care Networks (PCNs), the Primary Care Alliance, other SCNs, Alberta Health and academic partners to improve transitions of care at every level. The Network will support integration priorities as they are identified by primary care within the zones.

Working collaboratively, we will create an environment where Albertans feel supported as they navigate the healthcare system. At the same time, healthcare providers will be better equipped to address the complex needs of their patients.

With a focus on community-based primary care services, Albertans will be supported to get the care and social supports they need in the communities where they live.

Contact: phc.integrationnetwork@ahs.ca

Strategic Direction	Priority
1. System foundations for integration	<ul style="list-style-type: none"> • Person-centred practices – reimagine the health system and culture around what matters to patients, families and caregivers • Leadership and community mobilization – activate leaders, community and networks to collaborate, implement and spread/scale successful solutions • Science – foster relationships with key stakeholders and the research community, generate and share evidence to support primary healthcare and system transformation, and build research capacity to conduct, interpret and apply scientific evidence • Communications and learning – translate, create and share learnings across the system
2. Keeping Care in the Community	
3. Linking to Specialists and Back	
4. Transitioning from Home to Hospital to Home	

Respiratory Health SCN TRM 2018-2021

The Respiratory Health Strategic Clinical Network is a community of physicians, front-line health care workers, researchers, patient advisors, clinical leaders and others specialized in addressing respiratory conditions and ailments and ailments.

Contact: respiratory.scn@ahs.ca

Mission - The Respiratory Health Strategic Clinical Network will facilitate optimal respiratory health through implementation of innovative, patient-centered, evidence-informed and coordinated services.

Strategic Direction	Priority
1. Care Across the Continuum	<ul style="list-style-type: none">• Clinical pathways towards integration• Prevention and early detection
2. Strengthen and Integrate Evidence	<ul style="list-style-type: none">• Measurement and evaluation• Science and Innovation
3. Policy and Practice	<ul style="list-style-type: none">• Provincial Standards• Quality Improvement

Seniors Health SCN TRM 2017-2020*

The Seniors Health SCN brings together a diverse group of stakeholders to reshape and improve health care services and practices that enable seniors to optimize their health, well-being and independence.

Contact: seniorshealth.scn@ahs.ca

Mission - To make improvements to healthcare services and practices that enable Alberta's seniors to optimize their health, well-being, and independence.

Strategic Direction	Priority
Aging Brain Care	<ul style="list-style-type: none">• Appropriate Prescribing for Seniors in Alberta
Frailty, Resilience, Aging-well: Late-life Transitions	<ul style="list-style-type: none">• Elder Friendly Care in Acute Care in Alberta
Anticipating an Aging Alberta	<ul style="list-style-type: none">• Advancing Dementia Diagnosis and Management in Alberta

Surgery SCN TRM 2018-2021

The Surgery Strategic Clinical Network believes surgical care can be delivered ‘sooner, safer and smarter’ by using evidence to inform decision making at all levels. By finding, sharing and spreading best practice standards they will ensure patient care at the bedside is safe and effective.

Contact: surgery.scn@ahs.ca

Mission: To improve surgical care provided to Albertans.

Strategic Direction	Priority
Improve access to integrated surgical care	<ul style="list-style-type: none"> Bring together a multi-disciplinary working group on access to surgical care.
Provide safe, high-quality surgical care	<ul style="list-style-type: none"> Bring together a multi-disciplinary working group on Surgical Safety and Quality
Build a strong surgical community	<ul style="list-style-type: none"> Build on work done through the Core Committee, SCN site visits and community consultation process to develop an engagement and communication strategy, as well as, a research and innovation strategy.
Use analytics and evidence to guide decisions	<ul style="list-style-type: none"> Bring together multi-disciplinary working group on surgical analytics.