

Partnership for Research and Innovation in the Health System (PRIHS)

# Strategic Clinical Networks and Integrated Provincial Programs

## Transformational Roadmap Summaries



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SCN: Strategic Clinical Network

TRM: Transformational Roadmap

SD: Scientific Director

ASD: Assistant Scientific Director

SPD: Senior Provincial Director

ED: Executive Director

Note: some TRMs are in the process of refresh and development, and where available, current versions are included in this report.



# Strategic Clinical Networks Roadmap | 2019-2024

# at a glance

## Our mission

Improving the health of Albertans by bringing together people, research and innovation.



## Alberta has 16 Strategic Clinical Networks, which are groups of clinicians, patients, operational leaders and other stakeholders, working together to solve health challenges



We connect people who are knowledgeable and passionate about specific areas of health and work as one team. Together, we're creating a high performing and sustainable health system – one that embeds research and innovation into daily practice and is equipped with the tools, processes, programs and people to address the challenges we face today and those to come.

We partner with patients and families to identify priorities that matter to the people of Alberta. And we work with operational leaders, care providers, communities and academic partners to find the right solutions. These connections enable us to respond to critical health needs and support continuous improvement—locally and across the province. We work across institutional and geographic boundaries to improve health outcomes, align our efforts, translate evidence into practice, and accelerate health system improvement.

## What we've achieved

Alberta's Strategic Clinical Networks (SCNs™) work across the system to ensure high quality care and value for every Albertan. Together, we're improving quality, safety, effectiveness and standardization of care.

Alberta has become a leader in many areas of health, including stroke care, surgical care, and elder-friendly care. We're improving care pathways for pregnant women and patients with diabetes, cancer, asthma and kidney disease.

## Collective impact – by the numbers

A comprehensive analysis of return on investment for the first nine SCN projects showed an estimated cumulative savings of:

43,000	+	\$15.2	=	\$43.2
bed days		MILLION		MILLION
(\$28 MILLION savings)		in direct cost savings		in total savings

\*Cumulative savings continue to be tracked and will be updated in fall 2019.

## What's next

This Roadmap builds on where we've come from and provides strategic direction to guide the SCNs over the next five years.

Together, we will continue to focus on supporting the Quadruple Aim of improving:

- ✓ patient and family experiences
- ✓ patient and population health outcomes
- ✓ value and health system sustainability
- ✓ the experience and safety of our people

## We're focused on the road ahead



The SCN Roadmap, 2019-2024 is an action plan that will guide the work each network is doing to improve health outcomes for 4.3 million Albertans. The Roadmap identifies:

- 7 areas of focus that reflect system-wide challenges, priorities and accountabilities
- specific objectives and actions
- an accountability framework to track our progress

## Areas of focus

1. Engage the people of Alberta
2. Strengthen our connections
3. Support integrated care across the patient journey
4. Promote wellness, prevention and population health
5. Improve value and sustainability
6. Advance health research and innovation
7. Support our people and processes

## Inspiring solutions. Together.



The SCN Roadmap reflects the input of patient and family advisors, operational leaders and managers, Alberta Health, SCN leaders, academic partners, and others. It belongs to each of us, and we all have an important role to play in bringing this plan to life.

# Summary: Transformational Road Map 2020-2025

## From illness to wellness – keeping Albertans moving across their lifespan

AHS Vision	Healthy Albertans. Healthy Communities. Together.
BJH SCN Vision	Keeping Albertans moving.
BJH SCN Mission	To create a person-centred, integrated system to optimize bone and joint health of Albertans by working together with our partners.

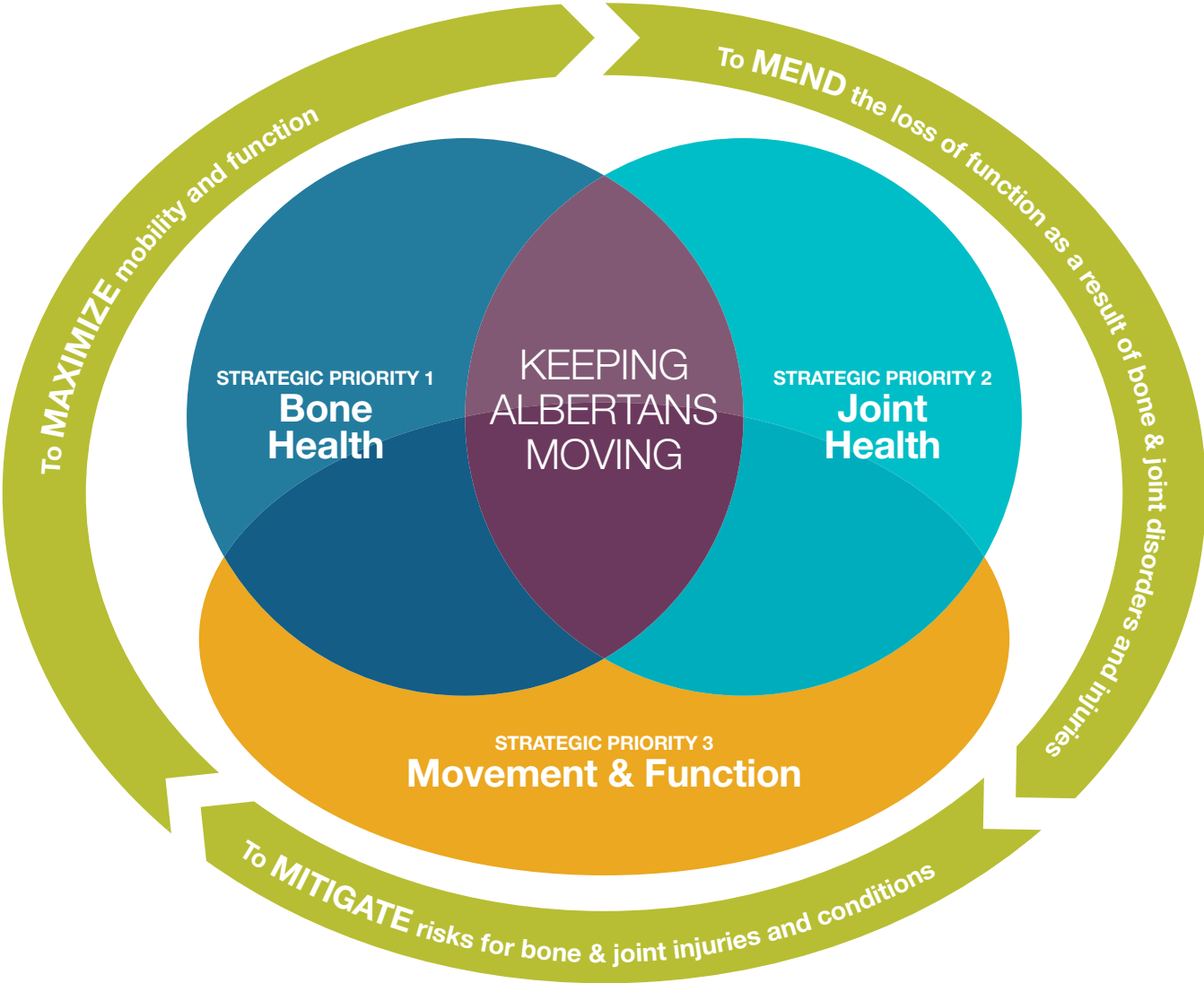
The goal of the Bone & Joint Health SCN is to transform the way bone and joint care is delivered to Albertans. Within a transformed bone and joint care system, Albertans will be supported across the full continuum of care from prevention to end stage care. Our focus is increasingly turning to important areas upstream in the care continuum and in community, to more effectively support Albertans across all stages in their bone and joint health journey.

The Bone & Joint Health SCN is a community of people who are striving to promote good bone and joint health, prevent injuries and conditions from developing, empower Albertans to self-manage their conditions, and provide the highest quality health care across the six dimensions of quality (accessibility, acceptability, appropriateness, safety, effectiveness, and efficiency) ensuring our community has access to that care at the right time, by the right provider. Through the development of the 2020-2025 roadmap, we heard what is important to our stakeholders and as a community, are committing to be guided by the following principles:

Bone & Joint Health SCN Guiding Principles



The Bone & Joint Health SCN 2020–2025 Roadmap will focus on three priority areas to keep Albertans moving. The actions within each priority area will strive to **MAXIMIZE** mobility and function, to **MEND** the loss of function as a result of bone and joint disorders and injuries, and to **MITIGATE** risks for bone and joint injuries and conditions. We will align our existing work with these three areas in addition to launching new initiatives.



# The Cancer Strategic Clinical Network™ Transformational 2020-2024 Roadmap At A Glance

**AHS Vision:** Healthy Albertans. Healthy Communities. Together.

**CSCN Mission:** Lead transformation to improve care across the cancer continuum in Alberta

## Strategic Directions

1. Build a community that strategically transforms cancer care

2. Translate evidence and data to inform priorities, practice, policy, and planning

3. Enhance experiences for patients and families, outcomes, and efficiencies

## Priorities

a. Launch a coalition of researchers to answer questions important to patients and providers

b. Establish partnerships to maximize community supports closer to home

a. Build capacity to analyze and interpret cancer related data

b. Advance CSCN Pipeline

a. Advance new models of care and pathways in targeted areas

b. Improve cancer diagnosis

## Quality Indicators

- i. Priorities (or questions) tackled by network partners
- ii. Participation of network partners
- iii. Impact of network partners

Projects advancing to:

- i. test for impact
- ii. spread and scale
- iii. sustainment

- i. Return on investment
- ii. Projects achieving proposed measures of success
- iii. Change in key clinical outcome measures

Key Actions (projects) to align under each priority

Guiding Principles: Engage | Consensus | Disrupt | Innovate | Implement | Sustain



# Transformational Roadmap 2019-2024

## CRITICAL CARE STRATEGIC CLINICAL NETWORK™ TRM AT A GLANCE

**Mission:** *The Critical Care Strategic Clinical Network™, through innovation and collaboration, works to ensure evidence-based, quality care for people in Alberta experiencing critical illness or injury*

**PRINCIPLES:** Patient and Family Centred Care, Evidence-Informed Decision Making and Quality Improvement

### STRATEGIC DIRECTIONS

1

System Transformation

2

Clinical Best Practices

3

Maturing as a Learning Healthcare System

4

Building Our Identity

### PRIORITIES

- Sustaining Delirium Initiative
- Transitions in Care

- Optimal Utilization of Blood Products
- Optimal Ventilation Strategies for Patients with Hypoxemic Respiratory Failure
- Conservative versus Liberal Use of Oxygen
- Optimal Use of Continuous Renal Replacement Therapy

- Increase knowledge, expertise and practical experience as learning Healthcare System
- Optimize our existing critical care data assets and clinical analytics reporting tools
- Analytics demonstration projects
- CC SCN projects and partnered research grants incorporate Learning Healthcare System goals and objectives

- Champion the value of Critical Care in Alberta
- Increase understanding of the Network's benefit and impact

# Cardiovascular Health & Stroke SCN

Priorities and Actions – interim Transformational Roadmap for next 18 months

<b>Enhancing prevention and integration of health promotion and wellness</b>	<p>Vascular Risk Reduction 2.0 (VRR)</p> <p>Health Innovation Implementation and Spread (HIIS)</p> <p>Fund: Enhanced Lipid Reporting</p>		Continue to engage new and existing stakeholders to focus on upstream care
<b>Improving the patient journey, health system quality and care</b>	<p>Heart Failure (in collaboration with COPD)</p> <ul style="list-style-type: none"> <li>• Pathway: To standardize patient care through the implementation of a full 'bundle' which includes: 1) physician admission orders; and 2) transition-to-community bundle.</li> <li>• Pathways and Integration: integrating evidence-based strategies and outcomes to develop a bundle to support operational cost-saving targets</li> <li>• Care Path – development of care path in Connect Care</li> </ul>	<p>Reducing Low value cardiac testing:</p> <ul style="list-style-type: none"> <li>• Following Canada's Choosing Wisely (CW) recommendations – reducing inappropriate cardiac tests</li> </ul> <p>Phase 1- Electrocardiography (ECG)</p> <p>Phase 2- Echocardiography (Echo)</p>	<p>Connect care:</p> <ul style="list-style-type: none"> <li>• Stroke: Connection back to Connect Care for data, order sets and stroke accreditation</li> <li>• Cardiac Connect Care support – policy development for Cardiac Holter Monitor Critical Values, and pending for event monitors and ambulatory blood pressure monitors</li> </ul>
	<ul style="list-style-type: none"> <li>• Heart attack readmission – improving rural readmission rates</li> <li>• Holter monitoring devices economic analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Acute Stroke</li> <li>• Stroke Flow</li> <li>• CT angiography variation for vertigo and dizziness</li> </ul>	<p>Endovascular Therapy (EVT)</p> <ul style="list-style-type: none"> <li>• Supporting operations to expand the EVT time window from 6- to 24-hours</li> <li>• Development of a provincial position statement</li> <li>• Return on Investment</li> </ul>
<b>Reducing inequities in care &amp; outcomes</b>	<ul style="list-style-type: none"> <li>• Stroke Rehab: Acting on the recommendations of the AH Health Evidence Review including Virtual Care</li> <li>• Sustainability for Stroke Action Plan outcomes</li> <li>• EMS STEMI provincial protocol</li> </ul>		
<b>Research and Innovation</b>	<p>Innovation</p> <ul style="list-style-type: none"> <li>• SEGUE-PSS project- Stroke innovation–</li> <li>• Stroke Sens</li> <li>• Beachhead</li> </ul>	<p>Research:</p> <ul style="list-style-type: none"> <li>• TNK vs TPS – ActQuiCR</li> <li>• <i>Partnership for Research and Innovation in the Health System (PRIHS)</i> PRIHS 6 – 2 advancing</li> </ul> <p>Health Evidence Review (HER)</p> <ul style="list-style-type: none"> <li>• VRR</li> <li>• Stroke Rehab</li> <li>• Cardiac Stress Testing</li> </ul>	



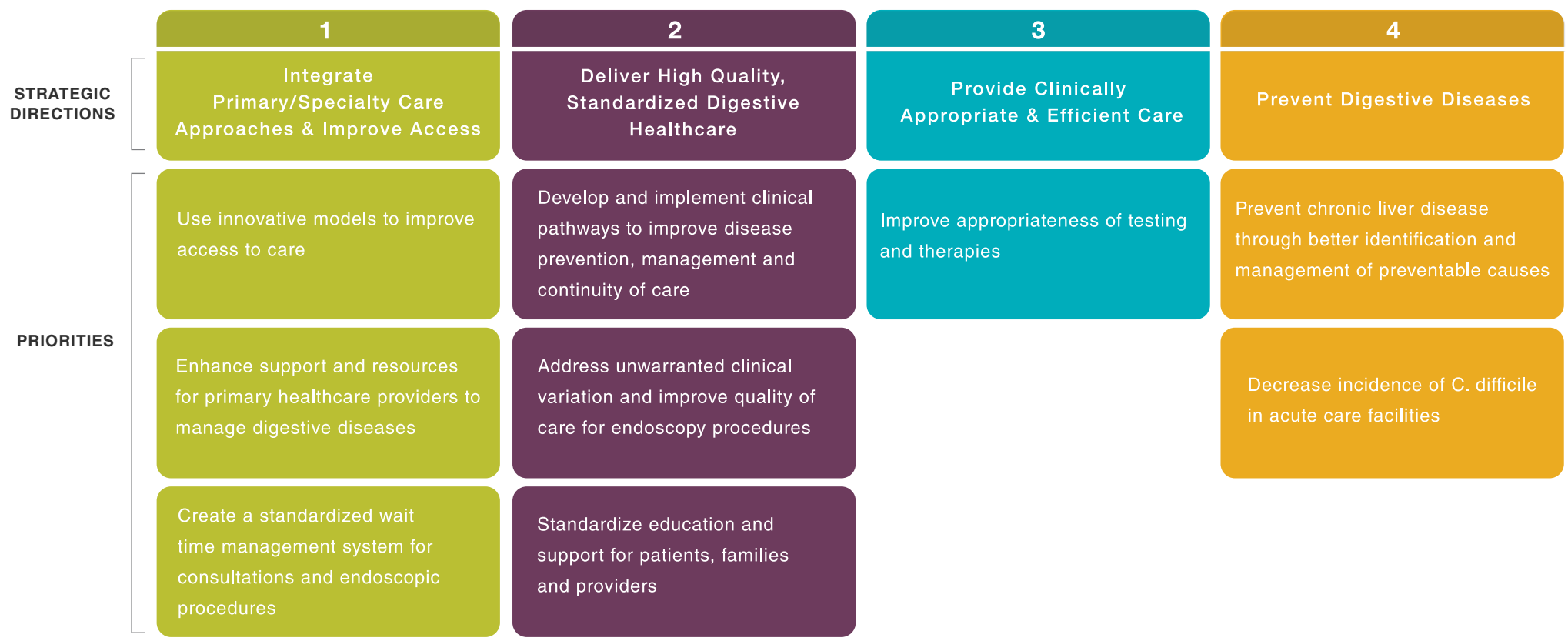


# Digestive Health Strategic Clinical Network

Transformational Roadmap Summary 2017-2021

**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



PRINCIPLES	Patient & Family Focus	Engagement & Collaboration	Culture of Quality	Evidence-based Approaches	Sustainability	Research & Innovation	Healthcare Equity
ENABLERS	Information Technology & Quality Data		Clinical Pathways	Patient & Provider Education	Performance Measurement	Communication	



# Diabetes, Obesity & Nutrition

## Strategic Clinical Network

### Transformational Roadmap Summary

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

Improve the safety & experience of our people

Improve financial health & value for money

Improve patients' & families' experiences

Improve patient & population health outcomes

#### Alberta Today

##### Diabetes

**300,000** (7.5%) Albertans have diabetes  
(Up 60% since 2000)

**33%** of patients with diabetes experience hypoglycemia in the hospital

**70%** of non-traumatic lower limb amputations are caused by diabetes

**85% of these amputations are preventable**

##### Obesity

**2.5 million** (60%) of Albertans are overweight or obese  
**3x** risk for diabetes, high blood pressure, & CHF  
**2x** risk for arthritis & sleep apnea

Obesity is the leading cause of loss of life & costs the healthcare system  
**\$4.5 billion per year**

##### Malnutrition

**51%** of seniors in homecare/supported living & **31%** of seniors in the community are malnourished

**1 in 5** malnourished patients are readmitted to the hospital within 1-month of discharge

#### Strategic Domains



**Prevent** the onset & progression of Diabetes, Obesity, & Malnutrition



**Empower** patients & providers to better manage Diabetes, Obesity, & Malnutrition to live well & long

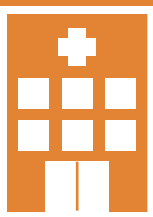


**Transform** the Health Care System through Research, Surveillance & Partnerships

#### Priorities

Standardize diabetic foot care

Create a diabetes surveillance system



Improve glycemic management of people with diabetes in hospitals

Develop bariatric friendly care hospital guidelines & standards

Implement a new community model of care for obesity management

Develop a malnutrition strategy with AHS Nutrition & Food Services

Study the impacts of malnutrition & barriers to a healthy diet

Partner with:  
SCNs & PCNs  
Patient & Family Advisors  
Researchers  
Policy Makers  
Industry



#### Alberta Tomorrow

Diabetic foot care screening rates will increase in primary care

Patient satisfaction & experience in hospitals will improve



More malnourished seniors will be identified & treated across care settings

Higher satisfaction & better experience for patients with diabetes & obesity in hospitals

Length of Stay in hospitals will be reduced for patients on insulin & patients with obesity

Prevalence of diabetic foot ulcers & lower limb amputations will decrease

Hospital staff injuries will decrease



# Emergency Strategic Clinical Network

## Alignment with AHS goals

**ESCN strategic direction:**

Respond to the needs of our patient population

**ESCN priority:**

Patient experience in Emergency Departments (ED) Urgent Care Centres (UCC)

**Objective**

To improve patients’ and families experiences in ED/UCC by improving patient communication, timely patient access and quality patient care.

**Focus areas**

- All Albertans presenting to the ED
- Seniors
- Indigenous populations
- Addiction and mental health pediatric and youth population

**Actions:**

- Ensure the voice of the patient is heard
- Use HQCA patient experience data as a baseline
- Partner with U of A Information Design, Human Factors and Operations to develop a roadmap to improve communications with various social media venues
- Engage with frontline staff
- Use CIHR funded peer reviewed grant to guide ESCN actions

**Expected outcomes**

- Decrease stigma around addiction and mental health
- Improve communication in ED using information design strategies
- Develop pathways related to admitting criteria with Addiction & Mental Health population (AMH/ED SCN)
- Improve patient experience in ED/UCC
- Support ED/UCC staff in communication techniques that facilitate care of patients and their family members
- Spread awareness of the acknowledgment of land for indigenous communities



**Expected outcomes**

Develop OAT program in ED/UCC including:

- Contribute to CKCM pathway development for acute/chronic pain management
- Develop education materials for both patient and healthcare providers
- Implement and sustain an approved model
- Integrate with other opioid crisis response initiatives provincially
- Facilitate Transitions into community services
- Inform implementations of program with evidence based research from systematic literature review
- Utilize program and patient level measures on successful implementation of OAT

**ESCN strategic direction:**

Partner as problem solvers and innovators

**ESCN priority:**

Opioid crisis

**Objective**

To support a culture of harm reduction and to help Opioid Use Disorder (OUD) patients by reducing deaths, overdoses and other health and social challenges that arise from substance use and addictions.

**Actions:**

- Establish a provincially coordinated buprenorphine/ raloxone (Suboxone®) Opioid Agonist Treatment (OAT) strategy for patients presenting to EDs & UCCs with OUDs in Alberta. This will include patient pathways and sustainable transitions to community and primary healthcare providers and services

- Reduce stigma associated with addictions and opioid use by using the voice of patients with lived experience
- Take a lead role in provincially coordinated harm reduction education efforts for all who work and practice in EDs/UCCs and the public visiting ED
- Work with Clinical Knowledge & Content Management (CKCM) to disseminate and implement provincially standardized guidelines for ED/UCC patients that present with OUDs and require interventions to the ED
- Partner with ED/UCC operations to meet Alberta health provincial reporting requirements
- Integrate all ESCN opioid crisis response initiatives with the larger context of the opioid crisis across Alberta
- Align with the recommendations from Opioid Wisely, Choose Wisely™ Canada

**ESCN strategic direction:**

Health system research & innovation

**ESCN priority:**

Integrate research for better implementation/improvement

**Objective**

Build emergency research capacity. Advance and disseminate research knowledge.

Engage and build partnerships for research, quality improvement and innovation.

**Actions:**

- Build capacity:
- Develop emergency medicine research skills through mentorship
  - Provision of research resources
  - Fostering a research culture

**Advance and disseminate research knowledge:**

- Engage in high quality research studies
- Obtain research funding
- Publications, conference presentations, journal article dissemination

**Engage and build partnerships for research and innovation:**

- Engage Research Advisory Board (RAB)
- Build ESCN research community
- Cross-SCN collaboration
- Collaboration with national and international Emergency Medicine research programs

**Expected outcomes**

- Research projects completed, both ESCN and Pan-SCN
- Students and mentees trained in Emergency Medicine research skills
- Rigorous projects financially supported
- Scholarly manuscripts published
- Researchers engaged in Emergency Medicine research

**Expected outcomes**

- Participate in the review of EPIC content to ensure evidence based, best practice provincial alignment across 103 EDs and UCCs
- Improve and standardize workflows with a focus on patient care
- Engagement in the design, build, testing, training and implementation of Connect Care as ED/UCC representation
- Ensure staff and physicians feel safe when coming to work
- Provincial support, build and commit to CKCM development for future EPIC build
- Detailed process map developed between EMS and ED/UCC with standardized provincial definitions to assist with EMS offload reporting

**ESCN strategic direction:**

Optimized people and resources

**ESCN priority:**

Improved educational opportunities  
Connect care  
EMS offload  
Staff safety

**Objective**

The ESCN will maintain a strong working relationship with Connect Care to ensure an appropriate design, build and roll implementation of Connect Care to all EDs/UCC. The ESCN will partner with EMS to create standardized definitions and linkage between EMS and AHS emergency/UCC NACRS data set.

**Actions:**

- Participate as active members of the Emergency and EMS Area Council for Connect Care CKCM

- work/pathway development that will drive clinical decision support integrated into Connect Care
- Represent ED/UCCs in the design and development stages of the EPIC build standardized clinical knowledge and practice in ED/UCCs
  - Ensure standardized/harmonized policy, clinical guiding documents
  - Influence clinical documentation to standardize e-documentations for EPIC
  - Work with WHS to improve staff safety in the workplace
  - Continue partnership with HPSP to standardize nursing education
  - Coordinate with Connect Care to access and utilize nursing references and procedures for competency development
  - Work in partnership with EMS and operations to develop a process map that will improve mutual reporting and data collection

# Indigenous Wellness Core

AHS Vision: Healthy Albertans. Healthy Communities. Together.

IWC Mission: Health equity for and with Indigenous peoples in Alberta

Address the determinants of  
Indigenous peoples' health

Transform health services  
and systems

Truth & Reconciliation

**Strategic  
Directions**

Addictions &  
Mental Health

Primary  
Healthcare

Patient Concerns  
& Experience

Cultural Safety

Community  
Capacity Building

**Priorities**

- Honouring Life Grant Program
- Indigenous Opioid Strategy
- Mental Health Continuum of Wellness

- Metis Settlements Mobile PHC
- ECHO+
- Indigenous ARP
- IWC-Edmonton
- Virtual Care
- ASaP

- Four Winds Navigation
- BIPOC Committee
- Cultural Supports
- Patient Concerns Pathways Project

- Health Evidence Review
- Cultural Competency Education

- Indigenous Data Ecosystem
- Coordinated Engagement
- PaCER
- HICP

**Select  
Activities**

**Indigenous Health Commitments: Roadmap to Wellness**


Listening, Understanding, Acting & Being

**Foundation**







### The Issues




**450,000**  
Albertans have Chronic Kidney Disease



**1 in 12** survivors of Acute Kidney Injury need to start chronic dialysis after hospital discharge



**4,500** Albertans with End-Stage Kidney Disease require renal replacement therapy



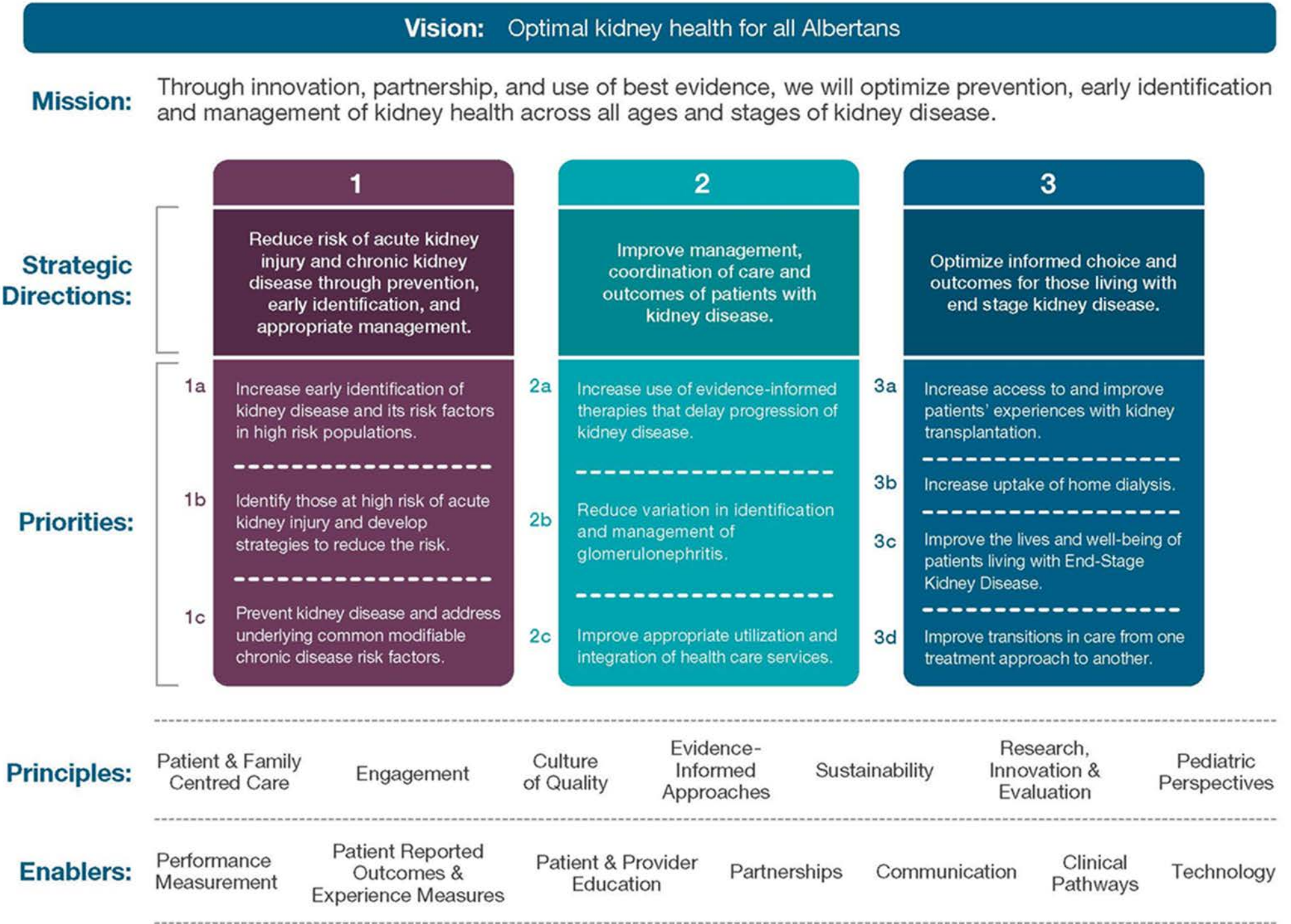
**\$14,643 - \$100,000 per patient**  
Annual costs of care for people with chronic kidney disease

**\$1,400 - \$2,500 per year**  
Out-of-pocket costs for patients starting dialysis

### Our Plan

This Transformational Roadmap (TRM) serves as the strategic plan for the Kidney Health Strategic Clinical Network (KHSCN), guiding our work for the next four years. The plan builds on the accomplishments of the KHSCN since its launch on January 8, 2016 and includes new priorities to address the ongoing gaps and variations in care and outcomes for people with or at risk for kidney disease in Alberta.

### The Kidney Health Strategic Clinical Network™ TRM At A Glance



# Medicine Strategic Clinical Network, Respiratory Health Section

## Transformational Roadmap Summary



### Provincial Standards

- Accessible standardized lung testing results
- Oxygen therapy in acute care
- Sleep testing standards
- Sleep technician competencies

### Success

Creation of inaugural Home Sleep Apnea Testing standards and update of Polysomnography standards for Alberta



### Quality Improvement

- Minimized use of nebulized therapy
- Safer use of portable oxygen during transfers within acute care

### Success

Removal of pre-filled water bottles from practice resulting in no new oxygen flow issues in the Report & Learning System and provincial cost savings of \$8,000 per month



### Prevention & Early Detection

- Pharmacy screening for signs of airway damage
- Pre-surgical tobacco cessation
- Lung testing recommendations

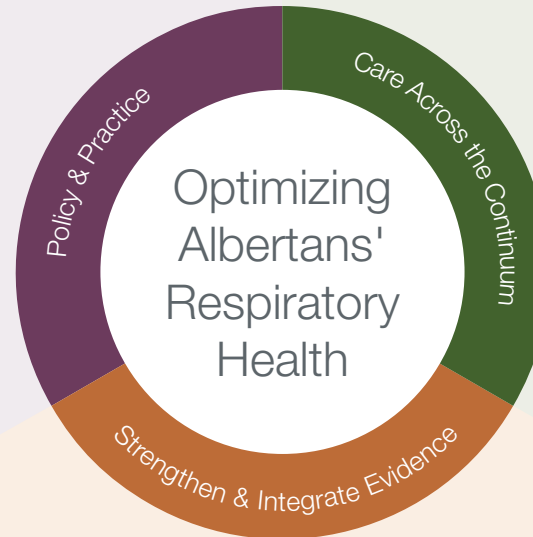


### Clinical Pathways Towards Integration

- Adult asthma in community care
- COPD Clinical Pathway
- Alberta primary care pathway for childhood asthma
- Post discharge care bundle for patients with COPD
- Integrated model of care for Sleep Disordered Breathing

### Success

- Launch of Alberta Childhood Asthma Pathway at 105 provincial sites, resulting in increased and safer use of appropriate medications
- Reduction in median length of stay by one day at COPD Admissions pilot site



### Science & Innovation

- Respiratory health research prioritization
- Improved clinical information access
- Understanding the burden of respiratory diseases
- Clinical research & innovation support

### Success

Co-development of Alberta respiratory research priorities with patients and clinicians



### Measurement & Evaluation

- Consistent data definitions & cohorts
- Develop evidence-based content for Clinical information systems
- Subject matter experts in building the Provincial Clinical Information System



# Maternal Newborn Child & Youth Strategic Clinical Network™

Transformational Roadmap at a Glance | 2020-2024

Vision: Healthy mothers, babies, children, youth and families

Mission:

To mobilize and facilitate people, evidence and data to achieve the best possible health outcomes for mothers, newborns, children, and families within a sustainable, publically funded health care system

Strategic  
Directions:



Access to care



Effective transitions in care



Appropriate care



Integrated models of care



Appropriate use of resources

Populations:

Maternal Fetal Newborn

Neonatal Intensive Care

Child & Youth

Indigenous Maternal Child & Youth

Priorities:

AHS pregnancy pathways

Improve access to perinatal care for marginalized populations and those living in rural and remote areas

Care of maternity and newborn patients in the right place with the right resources according to the level of presenting risk

Improve breastfeeding in the Neonatal Intensive Care Unit (NICU)

Keep birthing parents and babies (who require higher level of care) together

Optimized Regional Pediatric Capacity

Facilitated transitions for children with chronic and or complex care needs

Support medically complex child & family

Improve access to developmental assessment, care and management

Improve access to mental health assessment, care and management

Improve Indigenous mother, newborn and child outcomes

Indigenous cultural knowledge is included in all activities and processes aimed at improving outcomes for Indigenous women, newborns, children and youth

Guiding  
Principles:

Families are our partners – patient and family centered care

Coordinated and collaborative – engaged stakeholders (clinicians, operational leaders, researchers, families, and others) guide work

Aligned with organizational, provincial, and national priorities

Focused on health system sustainability through integration, innovation and knowledge translation

Focused on health equity

Focused on outcomes

Enablers:

MNCY Patient & Family Advisory Council

Operational & medical leadership

Maternal Child Ecosystem – partnerships with researchers

MyCHILD<sup>Alberta</sup> data analyst capability

Connect Care

Research Funding Opportunities



# Neurosciences, Rehabilitation & Vision Strategic Clinical Network™

## Transformational Roadmap Summary

**AHS VISION:** Healthy Albertans. Healthy Communities. Together.

**NRV SCN MISSION:** Improving how Albertans see, think, and live.

Strategic Directions	Improving care through research & innovation	Integrating care across the patient journey	Supporting evidence-informed decision making	Ensuring timely & equitable access to care
	<p><b>Understand &amp; improve the patient experience</b></p> <ul style="list-style-type: none"> <li>Visually-impaired patients post-stroke</li> </ul> <p><b>Promote a provincial rehabilitation innovation strategy</b></p> <ul style="list-style-type: none"> <li>Alberta Pain Strategy</li> <li>Alberta Surgical initiative</li> <li>Rehabilitation before, during &amp; after surgery</li> </ul>	<p><b>Develop &amp; implement provincial clinical pathways</b></p> <ul style="list-style-type: none"> <li>Diabetes eye care</li> <li>Pressure injury prevention</li> <li>Adult concussion</li> </ul> <p><b>Improve care transitions from hospital to home</b></p> <ul style="list-style-type: none"> <li>Spinal cord injury</li> <li>Complex chronic neurological conditions</li> </ul>	<p><b>Determine appropriate tests &amp; therapies</b></p> <ul style="list-style-type: none"> <li>Low back pain</li> <li>Wound care products</li> </ul> <p><b>Identify quality indicators &amp; performance measures</b></p> <ul style="list-style-type: none"> <li>Neurosciences</li> <li>Rehabilitation</li> <li>Vision</li> </ul>	<p><b>Understand the gaps in equitable service delivery</b></p> <ul style="list-style-type: none"> <li>Scan/audit service delivery practices</li> </ul> <p><b>Deliver care closer to home</b></p> <ul style="list-style-type: none"> <li>Identify models of care for rural communities</li> <li>Explore potential use of virtual health technology</li> </ul>

PRINCIPLES	Culture of Quality	Patient & Family Centered Care	Provincial Focus	Research	Innovation & Transformation	Evidence-informed	Outcomes Focus
ENABLERS	Partnerships	Communication	Patient & Provider Education	Technology	Healthcare Equity	Implementation Science	Data & Performance Measurement



# Provincial Addiction & Mental Health

## Transformational Roadmap Summary 2017-2021

AHS

### STRATEGIC DIRECTIONS

- To improve...
  - patients' & family experiences
  - patient & population health outcomes
  - the experience & safety of our people
  - financial health & value for money

### 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.

### PRINCIPLES

- Enhance patient and public health experience
- Strengthen financial health and operational best practice
- Improve health outcomes and clinical best practice
- Empower people and communities

### VISION

Improving Addiction and Mental Health Together.

### Research Support

**The Research Hub**  
Researchers access Hub for support and collaboration  
Researchers seek out and apply for funding opportunities through the Hub

### Depression

#### Repetitive Transcranial Magnetic Stimulation

Patients report/demonstrate improved clinical outcomes rTMS delivered in accordance with clinical guidelines

#### Depression Research Priorities

Patent identified and prioritized research questions are subject of research projects in Alberta academic institution

### Addiction

#### Opioid Pathways: Knowledge Translation

Increased knowledge of evidence-based pathways for prescribing Opioids

#### Community Based Naloxone

Efficient and effective access and distribution of Take Home Naloxone Kits

### Children & Youth

#### E-Mental Health

Use of eMH tools in urban, rural and remote communities  
Improved clinical outcome  
Economic benefit of app assessed

#### Child & Youth Integrated Pathways

Improved care coordination among services for youth across sectors, settings and ministries

#### School Mental Health

Provincial agreement on recommendations  
Implementation of agreed upon recommendations

#### Helping Kids & Youth in Times of Emotional Crisis

Youth and families contribute to improving AMH care in the ED  
Increased AMH education for staff

#### Peer Support

Peer Support Workers available in the ED for youth and families

#### CanREACH

Increased access to CanREACH program by primary care physicians  
Assess economic benefit to health system

### PRIORITIES, ACTIONS & QUALITY INDICATORS

#### ENABLERS

Quality Improvement & Measurement

Collaboration & Coordination

Health System Integration

Stakeholder Engagement

Research & Innovation





The Primary Health Care Integration Network (PHCIN) is focused on improving transitions of care between primary healthcare providers and acute care, emergency departments, specialized services and other community services. This will support Albertans to get the care and social supports they need in the communities where they live.

## Primary Health Care Integration Network

The PHCIN 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.

Placed within the AHS Provincial Primary Health Care Program, the PHCIN 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 PHCIN will facilitate new and innovative ways of delivering care throughout the province by connecting academic research, clinical evidence and innovation with front-line providers to adopt local best practices and coordinate services. We will work with partners to find solutions for common challenges in the system, such as long wait times and lack of access to specialists or other services. All integration initiatives will align with emerging provincial and zone primary healthcare priorities to help enhance success in achieving coordination across the health system.

By 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.

A focus on community-based primary care services and system integration will create the opportunity to fully realize a patient centred medical home within a health neighbourhood where community and social supports are readily accessible.

### ● Our core functions

- Actively broker connections
- Champion innovative solutions to enhance care coordination and improve transitions
- Advance integration initiatives
- Participate in PCN Evolution and other planning activities
- Coordinate the reporting of progress and impact

### ● Examples of our work

- Discharge planning for patients with complex needs
- Specialty access (GI, general surgery, orthopedics)
- Community supports (dementia care)
- Technologies to enable transitions in care
- Physician portal and supports

As the PHCIN expands, there will be opportunities to address other additional and emerging PHC integration priorities.

# Provincial Population & Public Health Transformational Roadmap at a Glance

**AHS Vision:** Healthy Albertans. Healthy Communities. Together.

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

**Enablers:** Data & Information | Collaboration & Partnerships | Pan-SCN Collaboration | Changing the Conversation in AB | Resources for Committee Action

## Strategic Directions

## Priorities

## Partners

## Activities & Outcomes

Strengthen  
Community  
Action

Making Health Equity  
Data Accessible

Alberta Communities

Pathway developed to a healthy community, making equity-related data available for communities to take action

Reducing the Impact  
of Financial Strain

Primary Care Networks

Support primary care clinics to screen for and respond to patients' financial concerns while strengthening linkages to existing community services & building community capacity

Reorient  
Health  
Services

Pan SCN Prevention

Pan-SCN Collaboration

Incorporate tobacco & alcohol screening & treatment pathways into existing SCN initiatives to enhance outcomes and contribute to a sustainable health system

Addressing Determinants of  
Health through Connect  
Care

AHS Zone Operations

Utilize Connect Care functionality (Clinical Poverty Tool) to enhance treatment planning and outcomes

**Principles:** Engagement with Albertans and Their Communities | Moving Upstream | Health Equity | Innovative Evidence-Informed Action | Sustainability



# Provincial Seniors Health & Continuing Care

## Transformational Roadmap Summary 2017-2020

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



### PLATFORMS

#### AHS GOALS

##### To improve...

patients' & family experiences

patient & population health outcomes

the experience & safety of our people

financial health & value for money

#### Aging Brain Care

Frailty, Resilience, Aging-well: Late-life Transitions Initiative

Anticipating an Aging Alberta

### PILLARS

Research & Innovation

Communication

Engagement

Quality Improvement & Measurement

### ACTIONS

#### Care in the Community

Primary Health Care Integrated Geriatric Services Initiative (PHC IGSI)

Community Grants for innovations in dementia care

#### Appropriate Prescribing for Seniors

Appropriate Use of Anti-psychotics (AUA) in LTC - sustainability

AUA in Supportive Living

Appropriate Prescribing & Medication Use Strategy Among Older Albertans

#### Elder Friendly Care (EFC) in Acute Care

Acute Care - Provincial

Provincial EFC Strategy

Provincial EFC (Delirium) Toolkit

#### Alberta Dementia Strategy and Action Plan (ADSAP)

Alberta Dementia Research Strategy

Community Grants to support innovations in dementia care

Pain and Depressive Mood Quality Improvement Project

### PROGRESS

#### LTC (170 facilities)

17% of Alberta's long term care residents (2017) use antipsychotic medications  
21.7% national average  
A decrease from 28% to 21% (from 2012)

#### AUA in Supportive Living (179 facilities)

Usage decrease: 20% to 17% (since 2017)

#### Acute Care - Provincial

12 acute care sites implemented strategies to enhance inpatient senior care

#### Acute Care - EFC (Delirium) Toolkit

Resources developed to support engagement of acute care sites across Alberta

#### 5 PRIHS Grants awarded Provincial

EFC Strategy in development

#### Alberta Dementia Research Strategy

6 Primary Care Networks and 9 communities engage with PHC IGSI

#### Dementia resources for healthcare providers & public

Dementia Advice Line and online resources for public and clinicians

#### 8 Community Innovation Grants for People Impacted by Dementia

Revised July, 2019



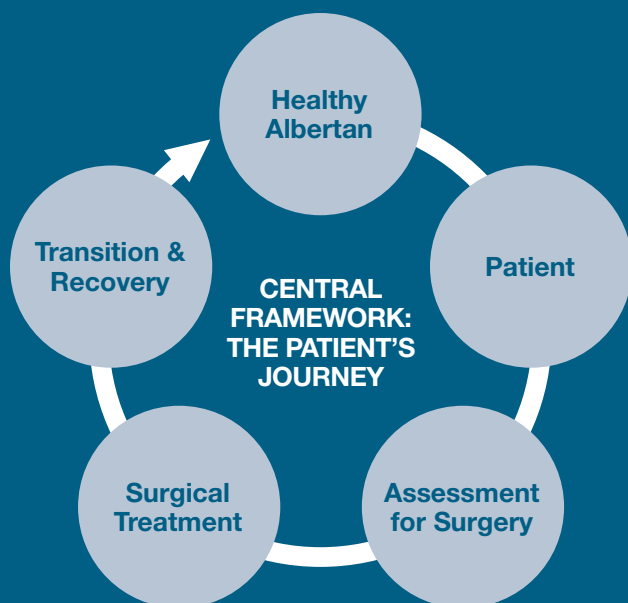
# 2018-2021 TRANSFORMATIONAL ROADMAP

## The Alberta Surgery Plan Summary



**OUR VISION:**  
Healthy Albertans.  
Healthy Communities.  
Together.

**OUR MISSION:**  
To improve surgical care  
provided to Albertans.



**STRATEGIC OBJECTIVE 1**  
We will improve access  
to integrated surgical care

**Initiatives:**

- Bring together a multi-disciplinary Working Group on Access to Surgical Care
- Publish a white paper on the issue of access
- Gather more data on access to surgical care
- Share our findings with patients and the public
- Develop and implement projects to test methods for improving access



**STRATEGIC OBJECTIVE 2**  
We will provide safe,  
high-quality surgical care

**Initiatives:**

- Bring together a multi-disciplinary Working Group on Surgical Safety and Quality
- Increase the use of ERAS and other care pathways
- Increase the implementation of active surgical quality programs such as NSQIP at all hospitals
- Enhance the use of the Safe Surgery Checklist
- Increase the use of patient-reported outcome data



**STRATEGIC OBJECTIVE 3**  
We will build a strong  
surgical community

**Initiatives:**

- Conduct regular SCN visits to each hospital
- Convene an annual Provincial Surgical Summit starting in fall 2018
- Review the operation of our Core Committee
- Develop strategies on engagement and communication and research



**STRATEGIC OBJECTIVE 4**  
We will use analytics and  
evidence to guide decisions

**Initiatives:**

- Bring together a multi-disciplinary Working Group on Surgical Analytics
- Develop a unified surgical data strategy and analytical framework
- Work with AHS Analytics to create a provincial surgical data repository accessible to our community
- Develop the concept of a "surgical scorecard"