



EXAMPLE INITIATIVE

PRESSURE INJURY PREVENTION FOR ADULT
PATIENTS IN ALBERTA HOSPITALS

Purpose

This example of a simplified logic model and evaluation framework for the Pressure Injury Prevention (PIP) for Adult Patients in Alberta Hospitals Initiative led by the Neuroscience, Rehabilitation & Vision Strategic Clinical Network (NRV SCN) was developed to show how the Evaluating Quality and Implementation (EQUIP) tool could inform the development of an evaluation framework based on an initiative's logic model.

Audience

Anyone interested in incorporating implementation outcomes into Alberta Quality Matrix for Health (AQMh)-based evaluations, as well as anyone who would like to better understand how to develop an evaluation framework using the EQUIP tool.

Acknowledgement

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PROBLEM STATEMENT

What issue are we addressing?

Approximately 1 in 6 adult patients in Alberta hospitals have a pressure injury (PI). Over 70% of these PIs occur in hospital despite the fact that most patients (90%) are assessed for risk of developing PI. Currently, there is inconsistent PI prevention practice uptake and no standardized provincial process for adult patients in Alberta.

PROGRAM OBJECTIVE

What are we trying to do?

To reduce hospital-acquired PI by implementing SSKIN+ (a comprehensive set of PI prevention practices) at acute care sites across Alberta.

RESOURCES

What do we need?

- Implementation teams, including SMEs
- Patient advisors
- Clinical Practice Lead
- SSKIN+
- Evidence-based implementation guide
- Audit tool
- Tableau dashboard
- Order set
- Provincial committees
- QSO endorsement
- Accreditation requirement
- Mandatory reporting
- Literature

ACTIVITIES

What is our plan?

- Literature review
- Resource consolidation
- Readiness assessments
- Sample audits
- Site-specific dashboard development
- Barrier and facilitator assessments
- Co-customization of implementation plans
- SSKIN+
- Education, coaching, and communication
- Ongoing auditing
- Ongoing evaluation
- Ongoing feedback

AUDIENCE

Who will we reach?

- Site teams
- Site champions
- Providers involved in SSKIN+ delivery
- Patients and families
- Executive sponsors

OUTPUTS

What will happen soon?

- Resource repository
- Site-specific baseline metrics and dashboards
- Site-specific readiness, barrier and facilitator results
- Providers and sponsors engaged
- Patient engagement
- Site-specific implementation plans
- Continuous monitoring
- Continuous learning and improvement

OUTCOMES

What are our goals?

Short-Term Outcomes

- Providers satisfied with SSKIN+
- Uptake of SSKIN+
- Integration of practices into workflows

Long-Term Outcomes

- Sustained uptake of SSKIN+
- Improved patient experiences
- Reduced hospital-acquired PI

EVALUATION OBJECTIVE

What are we evaluating?

The evaluation for the Pressure Injury Prevention in Hospital Initiative will assess expected outcomes, patient and provider satisfaction, and implementation of SSKIN+ at each site.

EVALUATION QUESTION	OUTPUT OR OUTCOME	INDICATOR	DATA SOURCE	TIMELINE OR TARGET
<i>Fidelity (Support Teams)</i>				
Is SSKIN+ being implemented as planned?	Site Implementation plans	<ul style="list-style-type: none"> - # and % of activities carried out - Changes made and reasons why - Providers' perceptions of barriers & facilitators to following the plan 	<ul style="list-style-type: none"> - Activity logs - Implementation team members - Site records/ Connect Care 	3 months, 6 months
<i>Reach (Healthcare Providers)</i>				
Who is participating in the implementation/change activities?	Providers and sponsors engaged	<ul style="list-style-type: none"> - # and % of staff participating in change activities (by role and type) - Staffs' perceptions of barriers & facilitators to participating 	<ul style="list-style-type: none"> - Attendance or eLearning records - Participants 	3 months, 6 months
<i>Acceptability (Healthcare Providers)</i>				
Are healthcare providers satisfied with SSKIN+?	Providers satisfied with the SSKIN+	- Acceptability of Intervention Measures scores	- Providers delivering SSKIN+	3 months, 6 months
<i>Adoption/Uptake (Healthcare Providers)</i>				
Who is adopting SSKIN+?	Uptake of SSKIN+	<ul style="list-style-type: none"> - # and % of eligible providers using SSKIN+ (by role) - Providers' perceptions of barriers & facilitators to adopting 	<ul style="list-style-type: none"> - Providers delivering SSKIN+ - Site records/ Connect Care 	3 months, 6 months

EVALUATION QUESTION	OUTPUT OR OUTCOME	INDICATOR	DATA SOURCE	TIMELINE OR TARGET
<i>Fidelity (Healthcare Providers)</i>				
Are healthcare providers using SSKIN+ as intended?	Uptake of SSKIN+	- # of providers using SSKIN+ as intended - Providers' perceptions of barriers & facilitators to following protocol	- Providers delivering SSKIN+ - Site records/ Connect Care	3 months, 6 months
<i>Sustainability (Organizations)</i>				
How are sites incorporating SSKIN+ into workflows	Integration of SSKIN+ into workflows	- Ways the innovation has been incorporated into site workflows - Providers' perceptions of barriers & facilitators to incorporating SSKIN+	- Providers delivering SSKIN+ - Site records/ Connect Care	6 months, 12 months
To what extent are sites using SSKIN+ one year later?	Sustained uptake of SSKIN+	- % of eligible patients receiving SSKIN+ one year later (by role) - % of eligible providers using SSKIN+ one year later (by role)	- Site records/ Connect Care	12 months, 24 months 75% adoption/uptake recorded in year 1
<i>Acceptability (Patients)</i>				
What experiences do patients have with SSKIN+?	Improve patient care and satisfaction	- Change in satisfaction ratings - Perceptions of care received	- Patients who received SSKIN+ - Site records/ Connect Care	3 months, 6 months, 12 months
<i>Effectiveness (Patients)</i>				
Is SSKIN+ achieving expected patient outcomes?	Reduced hospital-acquired PI	- Change in incidence of hospital-acquired PI over time	- Provincial database(s) - Site records/ Connect Care	Reduce 10% by end of year 1, 20% by end of year 2

Glossary

AQMH – Alberta Quality Matrix for Health

EQUIP – Evaluating Quality and ImPlementation

NRV SCN - Neuroscience, Rehabilitation & Vision Strategic Clinical Network

PI – Pressure injury

PIP - Pressure injury prevention

SME – Subject matter expert

SSKIN+ - S=skin inspection, S=support surface, K=keep moving, I=incontinence management, N=nutrition & hydration, +=risk assessment and patient and family education and engagement