

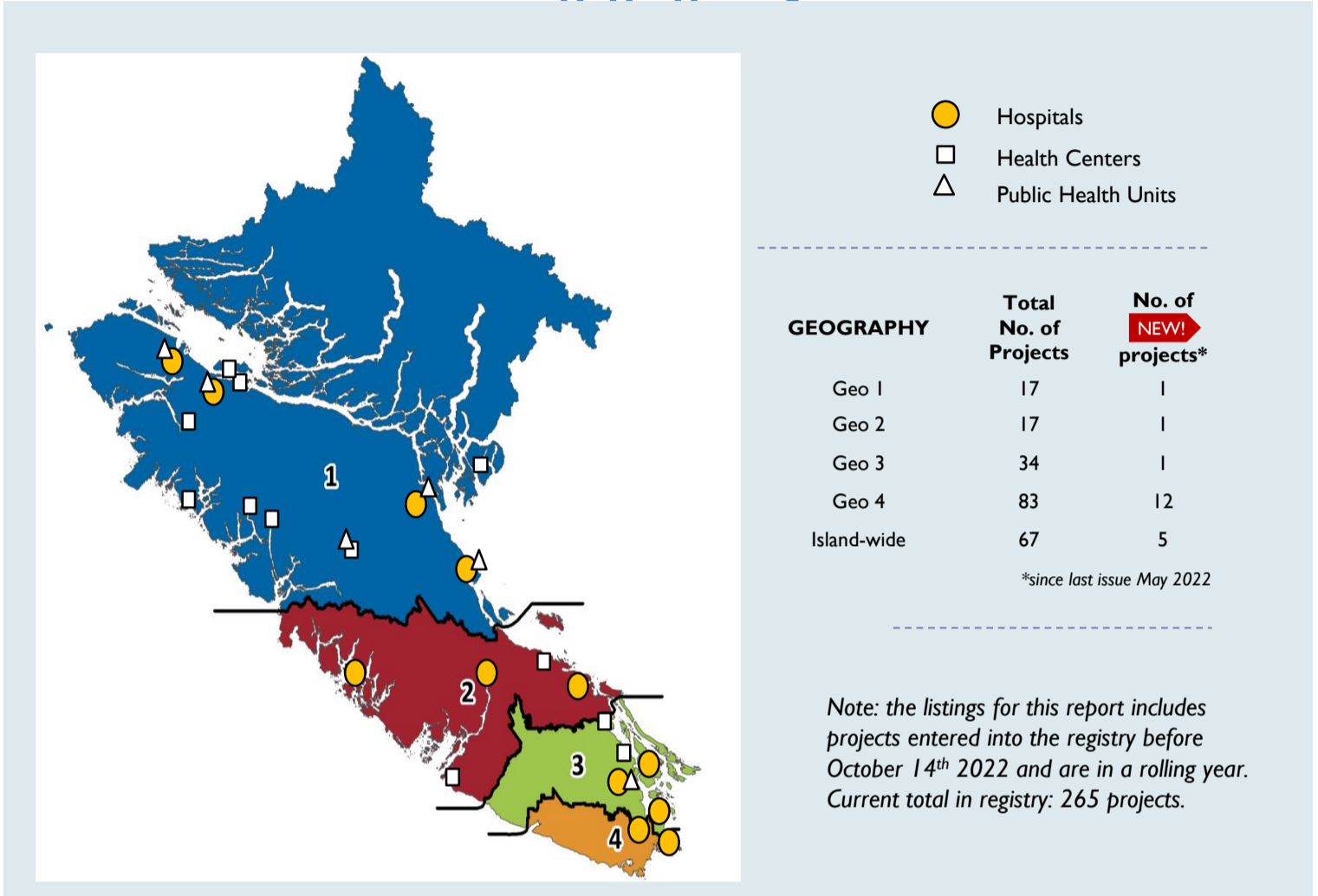
QI for You & I:

Building Community & Capacity for Quality Improvement

Island-wide Summary of QI Projects | Issue #12 | November 2022



What communities are engaging in QI?



Consider Using our Ethics Tool for your QI Work

Are you thinking about leading Quality Improvement (QI) work in your program/area? If so, you may be interested in knowing more about how QI Ethics walks you through some important considerations for this type of project.

When you visit the QI Ethics Decision-Making Tool, you are asked to complete a series of questions about your project. These questions help to generate a risk score. Projects that are considered moderate to high risk will be offered a consultation with the QI ethics team to explore risk mitigation strategies, tools, templates and links to more information where needed.

Connecting with the QI Ethics team and the Research Ethics & Compliance office early in your project work helps identify ethical quandaries and also can resolve issues related to planned dissemination and publication for QI work. If you have questions, feel free to contact us!

The link to the QI Ethics Decision Making Tool & Registry is here: [QI Ethics tool](#). For more information email: QIEthics@islandhealth.ca

What's New?

New fields and capabilities have been added to the QI Ethics Tool to allow for notifications to be sent to the Privacy. This addition allows for greater partnership greater due diligence in the process.

A new cohort of participants have enrolled in the Physician Quality Improvement (PQI) program. This is the 7th cohort to engage in quality improvement work in the areas of pediatrics, mental health, community care and public health. Contact the PQI team to learn more: PQI@islandhealth.ca

The Quality Improvement (QI) Ethics Decision Making Tool and Registry is available to any staff member or contractor preparing to lead a Quality Improvement project at Island Health.

To access the QI registry, click [HERE](#) or look for this button on the Quality homepage



Questions? Email qiethics@islandhealth.ca

QI Project Listings

Geography 1:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
Cognitive Stimulation Therapy Group Program	Improve cognitive functioning and quality of life for clients with mild dementia in the Comox Valley. Decrease anxiety for caregivers.	Alison Ritchie, Occupational Therapist	Some Island Health sites/locations/units	Seniors & Spiritual Health	Cognitive; Stimulation; Therapy; Group; Program
A British Columbia Rural Hospital Review of Red Blood Cell Transfusion Practices: Using Blood Wisely Audit	Quality improvement PDSA cycle looking at current transfusion practices and making a comparison to national standards. Improve physician compliance to national standards.	Heather Yule	Some Island Health sites/locations/units	Laboratory Medicine	Rural; Blood Transfusion; Choosing Wisely; Blood Products;
Improving team based care for Campbell River Addiction Medicine Consult Service (AMCS)	To increase rate of complete referrals to Addiction Medicine Consult Service (AMCS) at Campbell River by 40% by May 2021.		Some Island Health sites/locations/units	Aboriginal Health, Emergency Services, Mental Health & Substance Use	Referral; Completeness; Addiction Medicine; Communication; Team
Midsize Rural Physician Locum Survey	To advocate the Joint Standing Committee on Rural Issues to fund Campbell River and Comox Valley for locum coverage via the RSA.	Zeke Steve	Some Island Health sites/locations/units, Some locations outside of Island Health		locum; Campbell River; Comox Valley; funding; rural
Keeping Hornby and Denman Island Seniors Thriving and at Home	As a multidisciplinary, virtually-enabled community health care team, we will reduce Island Health emergency department visits and acute care admissions from Hornby and Denman Island residents ages 65+ by 10% by December 2021	Dana Hubler	Comox Valley Hospital Hornby Island Clinic Denman Island Clinic		Seniors Frailty Acute care Emergency care Rural
Community parental resources	25% increase in the number of pediatric encounters where providers refer their patients to online resources in the next 3-4 months.	Marie-Noelle Trottier-Boucher	Private pediatric clinics (e.g. Grow Health, Willows Pediatrics).	Aboriginal Health, Child, Youth and Family	Community ; parental ; resources ; pediatrics ; providers

Geography 2:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
Trauma Patient Satisfaction Survey	To allow our patients to have a Jackie voice in their care, to ensure they are receiving high quality care and target improvements in our services based on direct feedback.	Jackie Demmy, Manager Trauma Services	Some Island Health sites/locations/units	Access and Transitions, Adult Intensive Care (ICU), Emergency Services, General Support (Housekeeping/Food Services/Laundry), Trauma Care	Quality; Patient Experience, Patient Satisfaction, Program Improvement, Excellence in Patient Care
Osteoporosis Screening in a Rheumatology Practice	By June 2022, increase clinical osteoporosis screening for female patients over 65 years seen at rheumatology practice from 57% to 90% .	Alison Kydd	Some Island Health sites/locations/units		Osteoporosis Screening Rheumatology FRAX Bone Health

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QI Project Listings

Geography 2 continued:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
Mindfulness and Group Psychotherapy in Late life	Reduce morbidity, stigma and increase awareness in seniors with mental illness living in the community evaluating an 8 week group psychotherapeutic.	Sanjeet Pakrasi	Some Island Health sites/locations/units	Research and Capacity Building	mindfulness, seniors, mental illness, community, psychotherapy
Improving Recognition of ICU Delirium	To increase delirium recognition and documentation to 70% in the NRGH ICU & HAU by June 2022 and to 99% by August 2022.		Some Island Health sites/locations/units	Adult Intensive Care (ICU), Human Resources, Quality, Safety and Experience	Delirium; ICU; delirium; ICU; critical care; confusion
Improving Patient Care by Improving Patient Transfer Communications	Improve patient care by initially trying to avoid transfer to ER, avoiding an inappropriate admission or discharge from ER, avoiding the wrong information regarding treatment and medication changes in ER being relayed back to the LTC physician.	DR. HUGH FLETCHER	Some Island Health sites/locations/units, Some locations outside of Island Health	Emergency Services, Information Management/Information Technology (IMIT), Quality, Safety and Experience	Oceanside; Communication Gaps; Patient Transfers; Care Improvement;
Optimization of treatment of Gram Negative Bacteremia at NRGH- An Antibiotic Stewardship Project	The Antibiotic Stewardship team will review all cases of inpatient gram negative bacteremia at NRGH and will aim for a greater than 90% acceptance of recommendations, 25% decrease in length of parenteral therapy and a 10% decrease in average length of stay for these patients for the 3 month duration of the review.	Alastair Teale	Nanaimo Regional General Hospital	Pharmacy Services, Quality, Safety and Experience	Antibiotics; stewardship; optimization; bacteremia
Paramedics and Palliative Care Project	To inform the Paramedic & Palliative Care initiative between Island Health Palliative & EOL / CHS programs and BCEHS: 1. Retrospective case review of patients calling 911 for palliative support that were transferred to Emergency prior to the Paramedic and Palliative service in Nanaimo 2. Retrospective case review of palliative patients calling 911 for palliative support who stayed at home or were transferred to ER after the Palliative Paramedic Service was initiated.	Della Roberts	Nanaimo Regional General Hospital	Emergency Services	Retrospective; case; palliative; paramedic; community
Umbilical Line Insertion	Provide training opportunities for nurses and pediatricians with umbilical line insertions using real-life segments of umbilical cords donated by parents/families.	Lisa Bakker	Nanaimo Regional General Hospital	Child, Youth & Family, NICU	Umbilical cord; central line; donate; training;

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QI Project Listings

Geography 3:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
Improving Access to Cognitive Care at Victoria Memory Clinic	To increase the number of patients booked in memory clinic on a daily basis from 2-3 patients per day to a minimum of 4 patients per day and reduce visit length to a maximum of 3 hours per patient by July 2022.	Valerie Ehasoo, Physician	Some Island Health sites/locations/units	Ambulatory Care and Medicine Quality, Emergency Services, End of Life Care, Medical Imaging, Residential Services, Seniors & Spiritual Health	frail cognitive impairment sustainability patient volume operations
Improved decision making and documentation surrounding seclusion for MHSU patients at CDH ED	We will decrease the LOS in seclusion in the ED at CDH from BASELINE by 40 % by April 2022 for patients experiencing a behavioral emergency.	Rachel Grimminck	Some Island Health sites/locations/units	CDH ED	Seclusion; BC Mental Health Act; Emergency Department; Mental Health and Substance Use; Trauma Informed Care
Getting on the Same Page - Using an Asynchronous Communication Tool to Help Improve Discharge	To improve the average length of stay starting in a 4-bed hospital room on 3 West at CDH by 0.5 days by June 2021 through improved team communication.	Philip Baker and Ryan Gallagher	Cowichan District Hospital	Access and Transitions, Adult Rehabilitation Services, Information Management/Information Technology (IMIT), Pharmacy Services, Quality, Safety and Experience, Other	Discharge, Team, Communication, Asynchronous, Barriers
Follow up for Urgent Care Patients	Reduce the number of readmissions to Oceanside Urgent Care within 96 hours of unattached patients over 65 in the Oceanside area who present with cardiac or respiratory complaints and are discharged to the community by 5% per month between February and June 2021.	Jacqueline Siedlecki	Oceanside Urgent Care	Adult Rehabilitation Services, Emergency Services, Quality, Safety and Experience, Seniors & Spiritual Health	Follow-up; unattached; cardiac; respiratory; elderly
Mindfulness-Based Intervention for Mild Cognitive Impairment	Determine whether or not the BCALM program is suitable for Specialist Memory Clinic clients.	Alex Henri-Bhargava and Danielle Thompson	Seniors Outpatient Clinic/Specialist Memory Clinic R/JH MP	Ambulatory Care and Medicine Quality, Quality, Safety and Experience, Research and Capacity Building, Seniors & Spiritual Health	Mindfulness; memory; group; intervention; cognition

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QI Project Listings

Geography 4:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
NEW! Reducing Opioid Requirements in our Elderly Hip Fracture Population By Building Emergency Department Capacity for Administering Regional Anaesthesia	1. Train 60% of VEPA Emergency Physicians in the use of a peripheral nerve block technique for acute hip fracture pain control over 6 months. 2. Increase the use of peripheral nerve blocks for hip fractures by ED physicians by 40% over 12 months.	Jason Wale, Physician	Some Island Health sites/locations/units	Facilities, Maintenance & Operations	nerve-block; hip-fracture; point-of-care; opioid-sparing; geriatric
NEW! Lifecycle of Metered Dose Inhalers in the Emergency Room	To create a process map of MDI handling for quality improvement	Christian Turner, Physician	Some Island Health sites/locations/units	Emergency Services, Pharmacy Services	MDI; Process Map; Environment; HFA; Emergency Room
NEW! Decreasing ED Utilization and Improving Care in the Outpatient Workup of DVT in Victoria	We will decrease the number of ED visits for patients being worked up and initiated on treatment for limb VTE at the Royal Jubilee Hospital in Victoria, BC by 50% by October 2022.	Tafti Yakhshi, Physician	Some Island Health sites/locations/units	Ambulatory Care and Medicine Quality, Emergency Services, Medical Imaging	Thrombosis; DVT; outpatient; Victoria; Emergency Department
NEW! Trauma Patient Satisfaction Survey	To allow our patients to have a voice in their care, to ensure they are receiving high quality care and target improvements in our services based on direct feedback.	Jackie Demmy, Manager Trauma Services	Some Island Health sites/locations/units	Access and Transitions, Adult Intensive Care (ICU), Emergency Services, General Support (Housekeeping/Food Services/Laundry), Trauma Care	Quality; Patient Experience, Patient Satisfaction, Program Improvement, Excellence in Patient Care
NEW! Delirium Recognition Improvement Project	By January 2023, point of care staff will have an increase in reported confidence using the Confusion Assessment Method Tool	Tamara Young, CNE Simulation	Some Island Health sites/locations/units	Other	Simulation, delirium, virtual, education, CAM
NEW! Code Stroke Extravaganza	Increase point of care staff confidence with stroke assessment and recognition and implementation of rapid interventions for hot stroke patients.	Tamara Young, CNE Simulation	Some Island Health sites/locations/units	Medical Imaging, Surgical Services, Other	Simulation; Stroke; Assessment; CT-A; Education
NEW! Self-rated nurse and physician confidence in provision of burn care before and after formal burn education training	TIE will improve physician and nurse confidence through formal burn education.	Colette Smart	Some Island Health sites/locations/units	Adult Intensive Care (ICU)	Burn education, nurse, doctor,

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Establishing Principles of Trauma-Informed Practice in the Neurorehabilitation Context NEW!	To convene a team of rehab professionals at VGH (personnel already identified), along with the research team at UVic (under Dr. Smart's guidance) and a panel of five patient-partners. The panel will work together over the course of a year using Delphi methodology to create a consensus statement about how trauma-informed practice would apply to a rehabilitation context. At the end of the project in one year's time, we will have a set of preliminary guidelines that could be implemented at VGH or potentially other facilities. This would provide the foundation for a future grant application where we would conduct original research to implement and evaluate positive outcomes for patients and providers from using TIP.	Colette Smart	Some Island Health sites/locations/units	Adult Rehabilitation Services, Neurosciences	Neurorehabilitation, Trauma-Informed Practice, Post-Traumatic Stress Disorder, Adverse Childhood Experiences, Complex Trauma
Leaving Without Being Seen within Tertiary Care Hospitals in Victoria NEW!	To determine what populations are more likely to LWBS at the Royal Jubilee and Victoria General Hospitals and to determine what factors may be contributory including acuity level and wait times. In addition, we seek to determine if these patients are representing for emergency care with a subsequent visit within 96 hours.	Jason Wale, Physician	Some Island Health sites/locations/units	Access and Transitions, Ambulatory Care and Medicine Quality, Emergency Services	leaving without being seen (LWBS); Emergency; wait times; access; healthcare system
A retrospective assessment of thrombolytic use for pulmonary embolism in patients admitted to the intensive care unit NEW!	To provide quality assurance data related to the use of high-risk medication (ie. thrombolytics) in the local ICUs. The data from this project could serve to advance the official adoption of these unofficial order sets or could provide evidence that they are inappropriate for use.	Curtis Harder, Clinical Pharmacy Specialist	Some Island Health sites/locations/units	Adult Intensive Care (ICU), Professional Practice & Learning, Quality, Safety and Experience	Thrombolysis; Pulmonary Embolism; Unofficial Order Set; Safety; Efficacy

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Geography 4:

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Evaluating the Impact of Antimicrobial Stewardship ID-Pharmacy Rounds on Hospitalized Patients with Positive Blood Cultures: A Before and After Study	Given the well-documented benefit of PAF, as well as organizational focus on bacteremia and sepsis, we wanted to study the impact of an ID physician plus AMS pharmacist rounds on the impact of antimicrobial prescribing of patients identified as having positive blood cultures via a before-and-after study approach.	Marina Simeonova, Clinical Pharmacy Specialist	Some Island Health sites/locations/units	Pharmacy Services	antimicrobial stewardship infectious disease bacteremia antibiotic therapy appropriateness
Incorporating Elastomeric Balls For Use in Home IV (INFUSE)	To evaluate whether elastomeric pumps can increase patient and nursing satisfaction, and ease nursing and pharmacy workload in comparison to current drug delivery devices (IV bags, CADD pumps, syringes) within Island Health.	Denise Chen, Pharmacy Resident	Some Island Health sites/locations/units	Pharmacy Services, Other	elastomeric balls; intravenous drug delivery; antibiotics; pharmacy; Home IV
Residency Project: Critical Air Climate Conscious Inhaler Project	Quantify the amount of inhaler doses wasted per patient.	Alison Bentley, Pharmacy	Some Island Health sites/locations/units	Finance, Pharmacy Services	inhaler; use; wastage; retrospective; review

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QI Project Listings

Geography 4 continued:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
VGH Code Blue Extravaganza	See Project Charter	Darin Abbey	Some Island Health sites/locations/units	Victoria General Hospital	Code Blue; Simulation; MOST; Hot Debriefing;
A pilot project to assess the utility of a Gynecology Rapid Access Clinic	To reduce the time from referral to consultation from 30 days to 14 days in 90% of women referred to our office with urgent gynecology problems	Harold Hunt	Some locations outside of Island Health	private office only	pilot project; patient; urgent; timely ; consultation
Transitions in care - using Co-Design	To understand and fill gaps patients/family are facing during transitions from hospital to home after open heart surgery.	Wakako Tokoro	All Island Health sites/locations/units		1. Access 2. Efficacy 3. Seamless 4. Transitions 5. Patient-centered
Increasing Physician Engagement In Patient Safety Event Reporting by Internists and Hospitalists at Royal Jubilee Hospital	Our aim is to increase the number of physician reported safety events by hospitalists/internists (as percentage of total reported events per month at RJH) in the PSLs system at Royal Jubilee Hospital by 25% in 3 months.	Jeff Kerrie	Some Island Health sites/locations/units	RJH	Physician engagement; PSLs; safety;
Improving timeliness of CSF fluid results for patients in the Victoria General Hospital Emergency Department	We aim to have CSF results within 90 minutes for 75% patients who have a lumbar puncture at the VGH ED by May 2022.	Gina Gill	Some Island Health sites/locations/units	Victoria General Hospital Emergency Department	lumbar puncture (LP); cerebrospinal fluid (CSF); efficiency; delay; timeliness;
Optimizing use of blood products for gastro-intestinal bleeding in the emergency department	Evaluate retrospectively whether house physicians, emergency doctors and gastroenterologists are 1) giving blood products using standard guideline indications, and 2) considering iron replacement therapy instead or as well.	Christian Turner	Some Island Health sites/locations/units	Royal Jubilee Hospital Victoria General Hospital	gastrointestinal bleeding transfusion Blood products
Improving care and decreasing frequency of WSUPCC use for familiar faces of the Westshore Urgent Primary Care Centre (WUPCC)	There will be a 20% decrease in service utilization by the top 25 unattached high users of the WSUPCC by June 2022.	Dan Horvat	Some Island Health sites/locations/units	WUPCC	decrease;use; familiar faces; urgent; care
Pediatric Nurse Practitioners in the Emergency Department: Improving Efficacy and Quality of Care	NP job proposal for VGH ED	Randi Lundberg	Some Island Health sites/locations/units	VGH ED	- literature review - job proposal

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QI Project Listings

Geography 4 continued:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
Improving Flow and Access at Addiction Outpatient Treatment	For clients of AOT (Addiction Outpatient Treatment) wait-times from referral to intake assessment will be reduced to 30 days for 90% of patients within 6 months.	Dr. Caroline Ferris	Some Island Health sites/locations/units	AOT on Quadra Street (location of counseling services).	addiction; counseling; access; victoria; trauma
An Emergency Department in situ simulation program to facilitate clinically meaningful changes through the identification of critical latent errors	Identification of latent safety threats through in situ simulation of high acuity, low opportunity events.	Jamie Ward	Some Island Health sites/locations/units	RJH and VGH emergency departments	In situ sim; emergency department; latent safety threats; framework analysis
Project Name Reducing Length of Admission for Internal Medicine Patients admitted to Royal Jubilee Hospital on 5N	Decrease the patient average length of admission by 1 hour for Internal Medicine patients at Royal Jubilee Hospital by June 2022.	Laura Fraser	Some Island Health sites/locations/units	Royal Jubilee Hospital 5N	Admission; discharges; internal medicine; RJH; length of stay;
Mindfulness and Group Psychotherapy in Late life	Reduce morbidity, stigma and increase awareness in seniors with mental illness living in the community using an 8 week group psychotherapeutic intervention.	Sanjeet Pakrasi	Some Island Health sites/locations/units	Meeting room for 8-10 individuals in Saanich/ Victoria area.	mindfulness, seniors, mental illness, community, psychotherapy
Addressing peripartum cardiac risk factors upstream	1. Increase awareness of clinicians (prenatal nurses, home care services, physicians, nurse practitioners, and midwives) about the modifiable cardiovascular risk factors by 25% in 6 months 2. Increase awareness of patients who are at risk by 25% in 6 months 3. Increase referrals to home health monitoring (HHM) for pregnant patients in South Island with hypertension by 40% in 6 months	Daisy Dulay	Some locations outside of Island Health	Private clinician offices.	pregnancy hypertension risk factors primary care midwifery

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QI Project Listings

Geography 4 continued:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
Hot Hip: Improving hip fracture care at Victoria General Hospital	To reduce hip fracture patient harm by 33% through reduction in length of stay by obtaining earlier surgery booking and optimal early consults and use of local analgesia blocks at VGH hospital ER from April 1 2022 to June 1 2023.	Jason Wale	Some Island Health sites/locations/units	Victoria General Hospital ER, OR and post operative care units and beds	Hip; fracture; pathway; bundle; analgesia
Diabetes Review in Primary Care	Improve care within diabetes by increasing access to bloodwork, medications and treatment goals	Vlada Replete	Some locations outside of Island Health	Wheelhouse Medical	Diabetes; Quality improvement; Statin; Bloodwork
Be a Behavioural Health Coach - PLM Coach	PLM Coach is a virtual telehealth initiative across BC, run by volunteer students of the Prevention and Lifestyle Medicine Club at UBC. The aim of this small project is to create an internal use survey of evaluation methodologies for program assessment and future iteration improvements.	Konrad Suesser	Some Island Health sites/locations/units, Some locations outside of Island Health	PLM Coach is a virtual telehealth initiative across BC, run by volunteer students of the Prevention and Lifestyle Medicine Club at UBC PLM Coach is a virtual telehealth initiative across BC, run by volunteer students of the Prevention and Lifestyle Medicine Club at UBC	Preventative, Lifestyle, Medicine, Motivational interviewing, telehealth
Development of a Quality Governance Structure at RebalanceMD	To improve staff and clinician awareness of quality projects by 80% at RebalanceMD by September 2021.	Colin Landells	RebalanceMD (multidisciplinary, patient-centred musculoskeletal care clinic).	Surgical Services	RebalanceMD; Orthopaedics; Quality; Improvement; Governance
Improving door to needle time at Victoria General Hospital for acute stroke	The stroke team at the VGH aims to treat at least 75% of eligible stroke patients with TPA within 30 minutes of arrival between the hours of 8 and 8 pm on working days within the next 3 months.	Janka Hegedus	Victoria General Hospital	Adult Intensive Care (ICU), Emergency Services, Neurosciences, Pharmacy Services	Stroke 1; outcomes; thrombolysis; Endovascular therapy; imaging

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QI Project Listings

Geography 4 continued:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
Peer Facilitated Group Support for Postpartum Depression and Anxiety	<p>Offer virtual support groups for women with postpartum depression and/or anxiety in order to decrease their Edinburgh Postnatal Depression Scale by at least 3 points while also increasing their Quality of Life scores by 30% or more.</p> <p>This pilot will follow the model developed by Pacific Post Partum Support Society (PPPSS) in Vancouver.</p>	Shana Johnston	A community based program that is ideally received support from Island Health. We are hoping to roll out this model on a wider scale for all the women of the south island.	Community Health Services, Mental Health & Substance Use, Public Health, Child, Youth and Family	Postpartum depression anxiety group support
Supportive Cardiology Project - Phase 2	<p>The overarching aims of this phase of the project are to:</p> <ul style="list-style-type: none"> •Ensure the patients in the target population have better continuity of care & better access to care with a view to improving their quality of life by: •Ensuring the model of care fully leverages the existing services and supports and meets the needs of patients and their families. <p>This will be achieved by mapping various aspects of the patient journey, refocusing on symptom management, linking patients to other services (i.e Palliative Care), building capacity (within the primary care community), undertaking Serious Illness conversations and understanding processes related to ICD deactivation.</p>	Terry O'Brien	Care providers and patients involved in this project are located in the Greater Victoria area with the cardiac care resources located primarily at the Royal Jubilee Hospital.	Access and Transitions, Emergency Services, End of Life Care, Heart Health, Professional Practice & Learning, Quality, Safety and Experience, Research and Capacity Building, Residential Services, Seniors & Spiritual Health	supportive cardiology, advanced heart failure, CHF, HF, quality of life
Mindfulness Based Sensory Regulation Group for mTBI/Post Concussion Syndrome	<p>Provision of an educational and experiential framework for self-regulation. Understand effectiveness of tools and strategies being learned in group. Measure improvements of daily function and quality of life. Review benefits of online delivery vs in person (possible review of past groups?). Data collection to support previous system process changes in previous PDSA cycle</p>	Shannon Ellis	Outpatient Neuro Rehabilitation - VGH	Adult Rehabilitation Services, Heart Health, Community Health Services, Mental Health & Substance Use, Neurosciences, Professional Practice & Learning, Respiratory Health, Trauma Care, Other	Mindfulness, sensory overload, regulation, post-concussion, mTBI

QI Project Listings

Geography 4 continued:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
Palliative Cardiology Consult Service	•Improving multidisciplinary communication regarding symptom control care plan for patients with advanced heart disease by 25% in 12 months.	•Daisy Dulay	•Initial focus on South island but if physicians in other regions want to take part of the multidisciplinary approach then they are welcome. May involve a private primary care office.	•Adult Intensive Care (ICU), Emergency Services, End of Life Care, Heart Health, Community Health Services	•Multidisciplinary; Team based; Palliative Care; Cardiology; Symptom Control
Mindfulness-Based Intervention for Mild Cognitive Impairment	•Determine whether or not the BCALM program is suitable for Specialist Memory Clinic clients.	•Alex Henri-Bhargava and Danielle Thompson	•Seniors Outpatient Clinic/Specialist Memory Clinic RJP MP	•Ambul Care and Medicine Quality, Safety & Experience, Research & Cap Building, Seniors & Spiritual Health	•Mindfulness; memory; group; intervention; cognition
Pediatric inpatient asthma project	•10% reduction in the length of stay of children hospitalized for asthma exacerbation at Victoria General Hospital in the next 12-18 months (September 2021-September 2022).	•Marie-Noelle Trottier-Boucher	•Pediatric ward at Victoria General Hospital (+/- emergency at VGH).	•Child, Youth and Family	•Pediatric; inpatient; asthma; discharge; improving
WomenMD Program Evaluation	•To quantify the benefits of group educational programs offered by the womenMD to female identifying participants.	•Virginia Gooderham and Melissa Mantifel	•WomenMD Clinic, Victoria BC		•Program Evaluation; CBT; Lifestyle Medicine; Mindfulness; Women
Increasing documentation of the Obstetrical History of Women with Heart Disease	•To increase the documentation of obstetrical history for women admitted for cardiac reasons by at 60% in 6 months.	•Daisy Dulay	•RJH- 3S, Cardiac Short Stay, CCU	•Heart Health, Child, Youth and Family	•Obstetrical; cardiac; women; risk factors; prevention
DDMHT Tracking	•Tracking of Incoming Referrals. Retaining information on triage, services provided, discharge information. Tracking of file transfers between sites. Organization of Nurses notes	•Meghan Moric	•MHSU SI DDMHT	•Mental Health & Substance Use	•Demographics; Referral; Tracking; Contact; Services Provided
MHSU SI Contact Logs	•MHSU access & outreach services would like a database to track interactions with clients. It will be used to track connections btwn different outreach teams working with a client and also resources used in anonymous interactions. Reports are only internal & are used for program improvements to client care delivery	•Meghan Moric	•MHSU Access and Outreach Teams	•Aboriginal Health, Mental Health & Substance Use	•Demographics; Interactions/Contact; Referrals; Response; Tracking

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QI Project Listings

Island Wide Projects:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
Rural & Remote CPR Outreach Program	Medical students will travel to rural and remote high schools across Vancouver Island and teach basic CPR to secondary school students. We will be using mannequins loaned from the Victoria Simulation Centre (CICSL). We will administer pre- and post-test surveys to assess the effectiveness of our course. The survey is anonymous and will not collect any identifying data. It will consist of approximately 6 questions assessing the students' knowledge of CPR and perceived comfort level performing CPR.	Kevin Shi	Some locations outside of Island Health		rural; remote; CPR; cardiopulmonary resuscitation; secondary school
Adherence to TNK Protocol in STEMI Patients	Please see attached QI charter document.	Dasiy Dulay, Physician	Some Island Health sites/locations/units	Heart Health, Quality, Safety and Experience	STEMI; TNK; Medication error; complications; education
Evaluating the challenges of implementation of extended heart views on routine fetal ultrasounds on Vancouver Island	We would like to see if there are views which are routinely missed or "not well seen" and if so, provide further training/teaching sessions for the sonographers. We would then review the data after the teaching session to determine if it improves which views are done.	Aisling Young, Physician	All Island Health sites/locations/units	Medical Imaging	Ultrasound; Echocardiogram; Extended heart views
Taking Responsibility for All Soft Plastic Waste in Hospital Pharmacies (TRASH)	The objective of this survey is to determine the amount and types of soft plastic waste produced by Island Health pharmacy departments, how this waste is managed, and explore environmentally friendly alternatives.	Katherine Harrison, Pharmacy Resident	Some Island Health sites/locations/units	Pharmacy Services, Other	recycling; unit dose; soft plastic; pharmacy; sustainability
Hospital Pharmacist Role Survey in Addictions by Health Authority	Evaluate how Island health compares to other health authorities in terms of current service provision/collaboration with prescribers in Addiction's medicine via online survey	Julia Calder, Clinical Pharmacist	Some locations outside of Island Health	Pharmacy Services	Addiction; Pharmacy; Services; Scope of practice; Survey;
Carbon Footprinting Public Transit to Hemodialysis	We aim to quantify yearly carbon emissions from patient travel from home to dialysis centre, for all patients in community and in-centre hemodialysis units on Vancouver Island.	Caroline Stigant	Some Island Health sites/locations/units	RJH In-centre hemodialysis unit NRGH In-centre hemodialysis unit Community hemodialysis facilities across Vancouver Island: Victoria, Nanaimo	Sustainability Hemodialysis Low carbon health care Quality Improvement Climate Crisis

QI Project Listings

Island Wide Projects continued:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
Carbon Foot printing Patient Travel to Hemodialysis	Carbon emissions for patient travel to/from life-sustaining hemodialysis treatments will be quantified. What you trying to accomplish / improve? We aim to use these data to a) contribute to greater effort to carbon footprint dialysis therapies b) appeal to transportation authorities to provide low carbon public transportation options to vital health care treatments	Caroline Stigant	Some Island Health sites/locations/units	Nanaimo and Victoria In-Centre HD units Community Hemodialysis Units: Victoria Duncan Nanaimo Port Alberni Cumberland	Hemodialysis Carbon Footprint Sustainability Quality Improvement Low carbon healthcare
Behavioural Support Teams (BeST) in Long Term Care (LTC)	Multiple aims: (a) increase levels of confidence in using behavioural strategies among staff (b) Increase appropriate referrals to geriatric psychiatry (c) Develop standardised documentation, and referral processes, and post referral feedback (d) Reduce inappropriate use of anti-psychotics (e) Increase the understanding and use of behavioural approaches to dementia care (f) Improve communications and relationships among interested and affected parties (e.g., physicians, health care aids, residents, resident's family members)	Miranda Cary	Some Island Health sites/locations/units, Some locations outside of Island Health	LTC Owned and Operated sites (specific facilities TBD) LTC Affiliate sites (specific facilities TBD)	behavioural; antipsychotics; dementia; support; P.I.E.C.E.S.
Transitions in care - using Co-Design	To understand and fill gaps patients/family are facing during transitions from hospital to home after open heart surgery.	Wakako Tokoro	All Island Health sites/locations/units		1. Access 2. Efficacy 3. Seamless 4. Transitions 5. Patient-centered
Improving Microbiology Turn-Around Times for Deep Cultures	We will decrease the average turn-around-times for microbiology deep cultures by 25% by the end of June 2022 for patients at Island Health.	Victor Yuen	All Island Health sites/locations/units		microbiology turn-around time body fluid operative tissue deep swab
Harm Reduction Substance Use Policy Implementation	Aim Statement: This project will implement a Harm Reduction - Substance Use Policy. This Policy delivers a direct response to the expressed needs of staff across our system who have said a Harm Reduction Policy is necessary to support them and their teams in offering harm reduction services and supports.	Tracey Thompson	All Island Health sites/locations/units		Policy; Harm Reduction; Substance Use; Trauma Informed; Cultural Safety; Peer;

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QI Project Listings

Island Wide Projects continued:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
Institutional Review of Research - Experience Survey	1) Better understand the experience of Institutional Review process stakeholders. 2) Utilize the findings to support changes or improvements where indicated 3) Utilize the findings to sustain elements that work well 4) Engage stakeholders, provide them with a voice in the Institutional Review processes .	Cindy Trytten	All Island Health sites/locations/units		Experience Quality Improvement Institutional Review Research
COVID-19 Coach Training: LTC Simulation Program	This project measures the self reported confidence of participants among 10 objectives. In addition the debriefing generate, discussion topics, action items, and success, tips and take away points.	Darin Abbey and Miranda Cary	In total 64 LTC sites. These include Island Health facilities and affiliates and partner sites.	Infection Prevention & Control, Other	LTC; Simulation; Quality; Covid-19
Renal Services PREM Survey	Capture the views and voices of renal patients across Island health using a standardized PREM survey, in order to identify opportunities for improvements that will optimize patient experience and outcomes.	Morag McGregor	Renal Services in NRGH and RJH, as well as VCDF. DCDF, NCDF, PCDF, CCDF, Summit CDF		Renal; PREM; Patient Experience; Kidney; Experience Measures
MSFHR C2 PCN NP Integration	Conduct focus groups and literature evidence summaries to inform/develop a research plan to identify the enablers, challenges & unexpected outcomes of nurse practitioner integration into primary care, and determine how innovative processes enabling focused collaboration, clear scope of practice and improved teamwork can improve flow and access in primary care.	Diane Sawchuck	PCCs, NP-PCCs, Other UPPCs		nurse practitioner, health systems, integration, primary care networks
Using economic theory to understand the Island Health- South Island Hospitalists contractual relationship	To show that economic theory can explain why a formal relational contract yielded gains for Island Health and the Hospitalists.	Oliver Hart	Of general interest to the economics academic community		incomplete contracts; guiding principles; vested ; formal relational contract

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QI Project Listings

Island Wide Projects continued:

Project Title	Project Aim	Project Lead	Sites Involved	Programs Involved	Keywords
Exploring healthcare provider interest in the use of psychedelics in the compassionate treatment of end-of-life emotional distress	Survey physicians and nurse professionals currently providing end-of-life care to patients on Vancouver Island, investigating their awareness, knowledge and attitudes related to the use of psychedelics for end-of-life emotional distress. The information learned from this survey will help to guide further education and study.	Helena Daudt and Christian Wiens	PHSA/BC Cancer agency physicians and nurse practitioners working on Vancouver Island will also be approached to complete the survey.		healthcare provider; psychedelics; end-of-life; emotional distress
Examining interprofessional care in British Columbian neuro-rehabilitation outpatient programs: A Cross Sectional Survey	The purpose of this cross-sectional study was to examine how Physical Medicine and Rehabilitation specialists (physiatrists) are connected to NROPs, the forms of collaboration used, and highlight initiatives to improve these services.	Nathan Chen			Interdisciplinary communication; neurologic rehabilitation; patient care team
Island Health Atrial Fibrillation Clinic quality assessment	We would like to explore the impact this telephone service has on other areas of the health care system. Did the conversation with us prevent an unnecessary ER visit? Did it reduce the burden on primary care services? Were patients needs met by telephone? These are a few examples.	Lindsay Ward	Northern Health (NH) has no AF clinic resources. Many NH patients travel to Victoria for complex AF care, such as ablation. Our ablation nurse contacts patients to ensure they are recovering safely at home, and to provide ongoing assistance when required.		AF clinicians telephone impact quality
Suboxone Initiation Thru Vancouver Island Emergency Departments	To increase the number of individuals starting Suboxone* in Island Health EDs by 25% above a baseline to be established in the first 60 days of accessible Suboxone 3 day dose packs in Island Health Facilities. (*Combined with linkage to outpatient treatment with peer support)	Alexander Hoechsmann	Initially Campbell River and Victoria (RJH/VGH); Planning to branch out to Urgent Care Centers; Nanaimo, Cowichan, Comox and then smaller sites (LMH, Tofino)	Aboriginal Health, Ambulatory Care and Medicine Quality, Emergency Services, Community Health Services, Mental Health & Substance Use, Public Health	suboxone, OAT, addiction, opiates, overdose
Is serologic reactivity of unidentified specificity (SRUS) associated with hemolytic disease of the fetus and newborn (HDFN)?	Reduce the need for additional maternal testing/monitoring in prenatal patients demonstrating SRUS.	Wen Lu and Jennifer Duncan			non-specific antibodies; serologic reactivity of unknown significance; Hemolytic Disease of the Fetus/Newborn; prenatal screening; antibody identification

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