

Clinical Leader Professional Certificate

Health Leadership & Learning Network



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Jacquie Logan-Stephens RN, BScN, MHS

Jacquie is a capable, objective, and collaborative Nursing Professional who has proven senior management experience focused on provision of safe, patient and family-centred care. She has a strong background in privacy and quality initiatives in the broader health sector, including community health, long term care, and hospital settings. She has been a Surveyor for CARF aging services accreditation since 2015, a role in which she continues to develop her strong interpersonal, communication and facilitation skills to promote client-centered services. Jacquie is currently a Quality Specialist at the Mount Hope Centre for Long Term Care location of St. Josephs' Health Care in London, ON.









- Define quality
- Define Healthcare Quality Improvement
- Understand the history of Healthcare Quality Improvement
- Describe the six dimensions of the Institute of Medicine framework related to QI
- Describe the Triple AIM and Quadruple Aim as the target for improvement efforts
- Introduction to Lean
- Introduction to Quality Improvement Plans (QIP)











How did this emphasis on quality get started?

Institute of Medicine Reports:

- · Turning point in the quality and safety movement in healthcare
 - To Err is Human (1999)
 - Crossing the Quality Chasm (2001)

То	Err	is	Human

• When extrapolated to the over 33.6 million admissions to U.S. hospitals in 1997, the results of the study in Colorado and Utah imply that at least 44,000 Americans die each year as a result of medical errors. The results of the New York Study suggest the number may be as high as 98,000. Even when using the lower estimate, deaths due to medical errors exceed the number attributable to the 8th-leading cause of death. More people die in a given year as a result of medical errors than from motor vehicle accidents (43,458), breast cancer (42,297), or AIDS (16,516)

	Current State	Future State
1	Care is based primarily on visits	Care is based on continuous healing relationships
2	Professional autonomy drives variability	Care is customized according to patients' needs and values
3	Professionals control care	The patient is the source of control
4	Information is a record	Knowledge is shared freely
5	Decision making is based on training and experience	Decision making is based on evidence
6	"Do no harm" is an individual responsibility	Safety is a system property
7	Secrecy is necessary	Transparency is necessary
8	The system reacts to needs	Needs are anticipated
9	Cost reduction is sought	Waste is continuously decreased
10	Preference is given to professional roles over the system	Cooperation among clinicians is a priority























- Quality improvement philosophy and set of principles originated by the Toyota Motor Company
- When well executed, organizations say Lean transforms how an organization works and Lean creates an insatiable quest for improvement
- Six Principles that constitute the essential dynamic of Lean management:
 - Attitude of continuous improvement
 - Value creation
 - Unity of purpose
 - Resect for front-line workers
 - Visual tracking
 - Flexible regimentation







• Narrative

• Progress Report

• Workplan

✓ Submitted by April 1 each year



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2. System Diagnostic Tools (*what is the problem*)

Jacquie Logan-Stephens February 17, 2021

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All about tools – Learning Objectives

- Understand the importance of measurement
- Data collection
- Introduce the Model for Improvement
- Identify QI tools that assist in the determination of root or system cause:
 - 5 Ws and 2 Hs
 - Affinity Diagram/Brainstorming
 - Cause and Effect Diagram (Ishikawa)
 - Pareto Diagram
 - 5 Whys
 - Process Map







	5W and 2H	Response
5 \\\/	What is the problem? Describe it in a single sentence, so that others will be able to understand what you mean.	The problem is
5 00	Why is it a problem? What is the pain?	This is a problem because
	Where do we encounter the problem?	We encounter the problem at (Location) (Time) when (Specific circumstance)
	Who is impacted?	This impacts: (Staff) by, (Patients) by, (Other providers) by (others) by
	When did we first encounter the problem?	We first encountered this problem
2 H	How did we know there was a problem?	The symptoms of this problem are
	How often do we encounter this problem?	We encounter this problem (x) times and each encounter is (this big). The problem is getting (better/worse).

Affinity Diagram Generate ideas and record each idea on cards or stickie notes Look for ideas that seem to be related Sort cards into groups/buckets until all cards have been used You may want to sort cards further into sub groups for easier management and analysis Prioritize ideas in each category – vote with hands or dots Summarize and send out notes

5 Whys

- Use when the root cause is coming out as too high level (e.g. communication is identified as one of the root causes)
- Most useful where there are human factors at play or interactions
- Say the statement
- Ask Why
- Question the response starting with why
- Keep asking why until you reach what you believe is a "cause" and not a "symptom"
- If you reach a cause that cannot be controlled, such as weather, go back one level and see if eliminating that cause will help
- Typically 5 times

	ample of 5 wrigs
Event/problem	Car has a flat tire in the garage
1. Why?	Because there were some nails on the garage floor
2. Why?	Because the box split
3. Why?	Because the box got wet
4. Why?	Because there was rain through a hole in the garage roof
5 Whv?	Because rain happens!

Process Map aka flowchart

- · A step by step review of processes and procedures
- · Carried out by staff involved in the process
- · Allows seemingly complex multidisciplinary activities to be improved together
- Understanding the steps in a system and identifying where the opportunities for improvement are
- Just like root cause need to include those who touch the process every day and have experienced the process every day
- It is a diagnostic tool; not a future state. The objective is to get everyone's view of the issues and create "problem statement" and a "target statement"
- · Low tech like root cause post-its on the wall
- Shapes matter circles are start and end points; squares are steps; diamonds are decision points where there is a yes or no; arrows connect the steps and cylinders can represent data
- · Benefit is in the Discussion about the opportunities for improvement
- Agree start and finish points

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3. Building a QI Team

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Identify Stakeholders of QI initiative

- Sponsors
- Champions
- Users
- Advisors
- Specialists

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/ ____

Identify a team and a team leader

Ideally, the team needs to include all departments/specialties involved. It should ideally be made up of:

• 1/3 Experts – People who work in the process every day

• 1/3 Familiars – People who work near the process

 1/3 strangers – People who do not know the process at all. This will bring fresh ideas and help eliminate assumptions

Having the right team members is critical for a successful outcome!

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Assembling the team

- Need support of the whole team
- Needs to be inclusive, but invite maximum of 10 people to keep it manageable
- · Leader needs to be respected and credible among peers
- Include constructive skeptics who have legitimate concerns, but are open to change

Team checklist

✓ Representative from each discipline that has something to do with the process

- ✓ Team leader
- ✓ Should we include a constructive skeptic?
- ✓ Do we have someone with QI skills to facilitate our progress?
- ✓ External stakeholder?
- ✓ Patient/family member?

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Preparing for change

• Change management is any action or process taken to smoothly transition an individual or group from the current state to a future desired state of being.

Change Management for Effective Quality Improvement: A Primer, Varkey, P, and Antonio, K. American Journal of Medical Quality. 25(4), 268-273, 2010.

ESTABLISHING a sense of URGENCY

• Identifying and discussing crises, potential crises, or major opportunities

Creating the guiding coalition

- Putting together a group with enough power to lead the change
- Getting the group to work together like a team

- Using every vehicle possible to constantly communicate the new vision and strategies
- Having the guiding coalition role model the behaviour expected of employees

4. Model for Improvement: Maximizing QI efforts

Jacquie Logan-Stephens February 19, 2021

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- Supports a culture of accountability
- Develop a system that produces information
- Act on improvement opportunities
- Foundation of PM&M
 - Leadership accountability & support
 - Mission-driven measurement
 - Focus on results for patients/clients
 - Meaningful engagement of stakeholders
 - Understanding of extenuating and influencing factors
 - Workforce knowledgeable and engaged
 - Investment in necessary resources
 - PM&M of business functions to sustain and enhance organization

