



Shared health  
**Soins communs**  
Manitoba

# Knowledge Translation: Knowledge into Action

HSIQ Learning Together Series

Hannah Moffatt and Jacek Murawski

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# Icebreaker

1. Your name
2. Your HSIQ Team
3. Use 1 word to describe how are you feeling today i.e. sleepy, excited, curious



# Objectives

- Understand what is knowledge translation (KT) and its importance
- Increase your awareness of the steps within the Knowledge to Action framework
- Identify practical steps that you can make towards integrating knowledge translation into your work

# Quick Knowledge Check

3 Poll Questions: MS Teams

# What is Knowledge Translation?

**What is knowledge translation?  
Spoken word poem.**

**Written and performed by:  
Renira Narrandes, MA, MSc. (OT), MPH  
Knowledge Translation Specialist  
Cundill Centre for Child and Youth Depression  
Margaret and Wallace McCain Centre for Child,  
Youth & Family Mental Health**

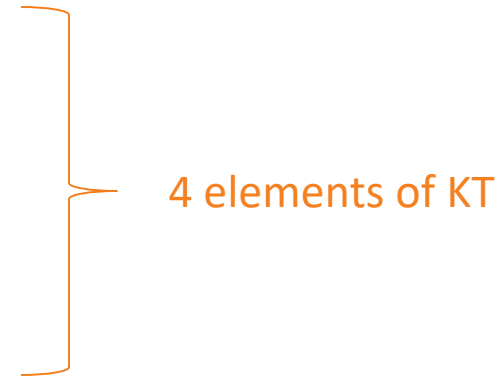
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# What is Knowledge Translation (KT)?

It is a dynamic and iterative process that includes the

- synthesis,
- dissemination,
- exchange, and
- ethically sound application



of knowledge to improve the health of Canadians, provide more effective health services and products and strengthen the healthcare system.

*Definition from CIHR*

# Synthesis

Gathering disparate research findings to identify common patterns. The totality of research is greater than the sum of individual studies.

Results from the review must be reproducible and transparent in their methodology.

Example: Cochrane Reviews



# Dissemination

Identifying the appropriate audience and tailoring the message and medium to the audience.

Example: Briefing notes or education sessions

# Exchange

The interaction between the knowledge user and the researcher resulting in mutual learning.

Example: Collaborative research projects





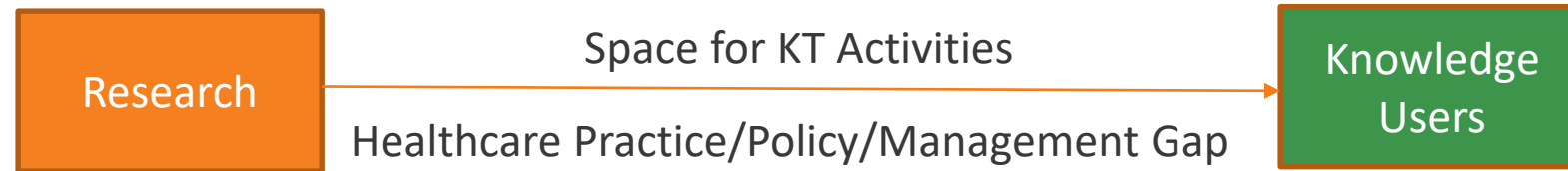
# Ethically Sound Application

Ethically sound KT activities for improved health are those that are consistent with ethical principles and norms, social values, as well as legal and other regulatory frameworks.

## KT ethical lens considerations:

- Stakeholder involvement (patient, family and public engagement)
- Access to resources and information
- Reflection on the social, cultural and economic implications of knowledge use
- Honoring local knowledge

# Importance of KT



- Ensures more effective and efficient healthcare delivery
- Decreases inequality
- Informs decision-making and practice change

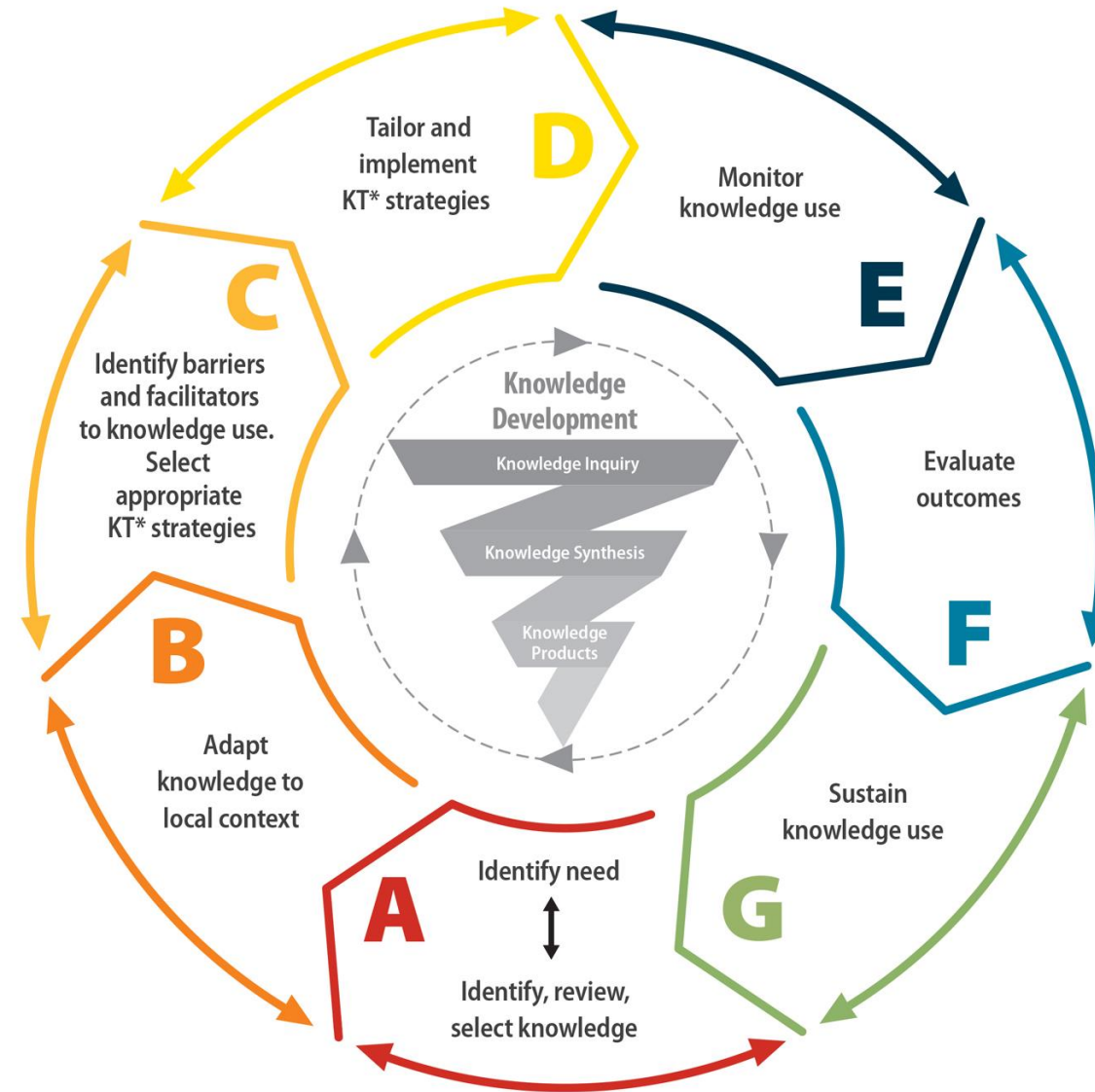
# Why is there a Gap?

- Reliance on tradition and professional judgement
- Lack of accountability
- Political priorities
- Lack of consensus between decision-makers
- Information overload
- Inappropriate use of evidence
- Lack of pertinent information

# 5 Minute Discussion

- What are some of the challenges or gaps that you've witnessed when incorporating **evidence** into practice?
- Is knowledge translation something that you see as important within your role? Why or why not?

# CIHR Knowledge to Action Framework



# Knowledge Creation

## Knowledge Inquiry

- Primary research. <https://libguides.lib.umanitoba.ca/wrha/home>

## Synthesis

- Gathering disparate research findings to identify common patterns. The totality of research is greater than the sum of individual studies.  
<https://www.cochranelibrary.com/cdsr/reviews>

## Tools/Products

- Best quality knowledge is refined into decision-making tools available for public consumption. <https://pathways.nice.org.uk/>

# Knowledge Application

**A- Identify need. Identify, review and select knowledge**

**B- Adapt knowledge to the local context**

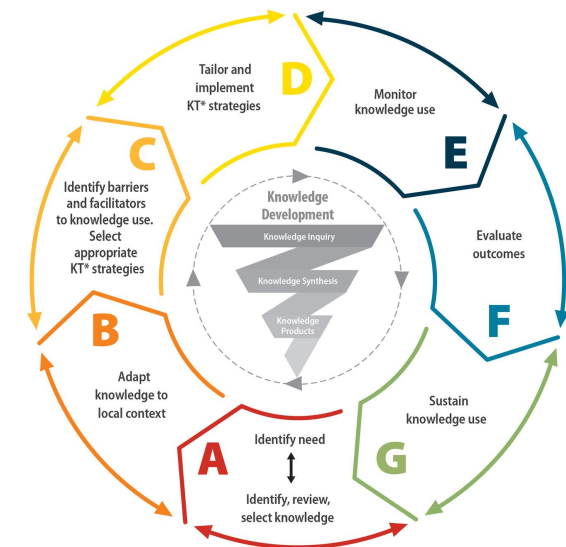
**C- Identify barriers and facilitators of knowledge use**

**D- Tailor and implement strategies**

**E- Monitor knowledge use**

**F- Evaluate outcomes**

**G- Sustain knowledge use**



# What is HSIQ's Role?



## 1. Knowledge brokering

Intermediaries that facilitate dissemination within and between organizations.

- **Knowledge management** - Packaging, translating and spreading research.
- **Capacity building** - Foster self-reliance in developing knowledge translation.

## 2. Evidence-informed decision-making

- Continuous improvement and learning involves changing culture by using *evidence* to support change and innovation.
- Sustainable and effective care is *evidence-based* and specific to individual needs.

### Discussion:

Do the knowledge broker and evidence-informed decision-making roles resonate with you?

Why or why not?



# Resources

Canadian Institutes of Health Research: KT Primer

<https://cihr-irsc.gc.ca/e/49443.html>

Knowledge Translation Canada: Course and Seminars

<https://ktcanada.org/>

Evidence-informed Decision Making: Practice Guide

[https://cihr-irsc.gc.ca/e/documents/Introduction\\_to\\_EIDM.pdf](https://cihr-irsc.gc.ca/e/documents/Introduction_to_EIDM.pdf)

National Collaborating Center for Methods and Tools: Online Modules

<https://www.nccmt.ca/learning-modules>

Health Canada Knowledge Translation Planner: Knowledge to Action Framework Guide

[https://www.canada.ca/content/dam/hc-sc/documents/corporate/about-health-canada/reports-publications/grants-contributions/KT\\_Planner-EN-2017-10-16.pdf](https://www.canada.ca/content/dam/hc-sc/documents/corporate/about-health-canada/reports-publications/grants-contributions/KT_Planner-EN-2017-10-16.pdf)

# Questions?

Thank you



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