What is Indigenous Cultural Safety and What does it have to do with ME?

Clinical Trials Ontario Conference 2024



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Today's Presentation

- ✓ Indigenous cultural safety why it is relevant, what it is, what it is not;
- ✓ Reflecting on "Gold Standards"
 - the need for humility, accountability, and epistemic self-location
 - approaching diversity of scientific methodologies with humility, respect, practicality, and shared long-term goals (ie. the desire to optimize human and global benefits of our work)
- ✓ Tailoring RCT methods to address Indigenous health issues
 (as identified and prioritized by Indigenous peoples)
 - an example

Why Should I Be Concerned about Indigenous Cultural Safety?

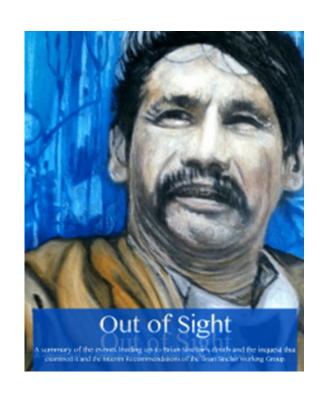


Persistent Indigenous/non-Indigenous Health Inequities in Canada

peer reviewed studies have revealed IMR rates that are 190% higher for First Nations compared to non-First Nations³ and 360% higher for Inuit inhabited areas compared to non-Inuit inhabited areas⁴

Smylie, Lancet: 2013

Health and social services are commonly of limited social value for First Peoples





Truth and Reconciliation Commission Call to Action: Health

- Make the links between current Indigenous health disparities and Canadian governmental policies
- Establish measureable goals and close the gap in health outcomes
- Recognize and address distinct health needs of Inuit, Métis and off-reserve Aboriginal people
- Fund Aboriginal healing centres to address the physical, mental, emotional and spiritual harms caused by residential schools
- Recognize and use Aboriginal healing practices
- Increase and retain Aboriginal health professionals; ensure all health professionals have cultural competency training
- Coursework and training in all medical and nursing schools



What is Indigenous Cultural Safety?



Cultural Safety

Advancing relationships across difference through the skill of self-reflection.

Underpinned by an understanding of power differentials

Takes us beyond:

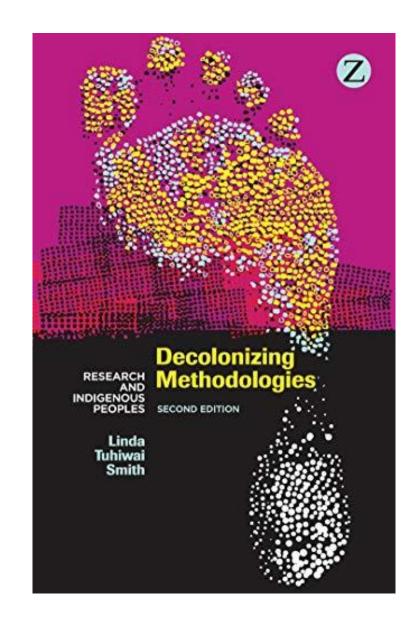
- Cultural awareness, the acknowledgement of difference;
- Cultural sensitivity, the recognition of the importance of respecting difference, and
- Cultural competence, which focuses on the skills, knowledge, and attitudes of practitioners.



What Does History and Epistemology Have to Do With This?



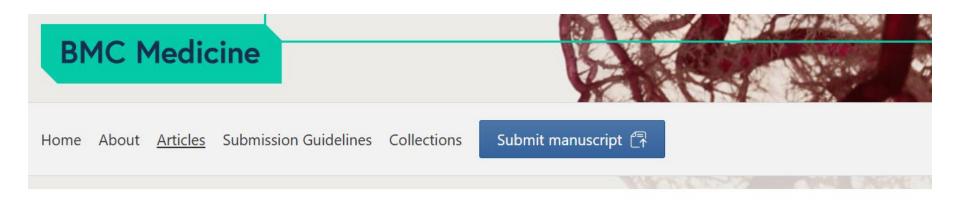
"The problem with universities is that they teach us that we know better"



Questions

- Do you know the history of and philosophical roots underlying RCTs?
- What is the epistemological and ontological framing of RCTs?
- What are the linked underlying knowledge assumptions?
- What types of questions do RCTs work best to answer?
- What are some of the limitations of RCTs?

Can RCT methods be tailored to address Indigenous community priorities?



Research article Open access Published: 09 January 2024

Randomized controlled trial demonstrates novel tools to assess patient outcomes of Indigenous cultural safety training

Janet Smylie [™], Michael A. Rotondi, Sam Filipenko, William T. L. Cox, Diane Smylie, Cheryl Ward, Kristina Klopfer, Aisha K. Lofters, Braden O'Neill, Melissa Graham, Linda Weber, Ali N. Damji, Patricia G. Devine, Jane Collins & Billie-Jo Hardy



Reconciling Relationship Study:

- A randomized control trial at St. Michael's Hospital, St.
 Joseph's Hospital, North York General Hospital, and Credit
 Valley Hospital
- Involved 58 physicians, residents, and nurse practitioners from Family Medicine and the Emergency Department
- Compares the effectiveness of intensive, brief, and control interventions on Indigenous race bias outcomes

Study Goals:

- **1. Establish an evidence base** for effective Indigenous cultural safety education for healthcare professionals
- For Indigenous people to be offered high-quality, culturally safe care

Funded by a generous donations made to St. Michael's Hospital Foundation by Donna and Gary Slaight, and John Lederer



Reconciling Relationships Study Team

Core Team

Dr. Janet Smylie, Principal Investigator Dr. Billie-Jo Hardy, Co-Investigator Sam Filipenko, Research Coordinator

Cultural Safety Implementation Advisory Group

Dr. Cheryl Ward, Jane Collins, Diane Smylie, Dr. Linda Weber, Dr. Braden O'Neill, Dr. Melissa Graham, Dr. Ali Damji, Dr. Aisha Lofters, Dr. Nav Persaud, Dr. Katreena Scott, Dr. Marcia Anderson, Dr. Patricia Devine, Dr. William Cox, Dr. Kristina Klopfer

San'yas Registrar (Leresha Lickers), Curriculum Development, and Facilitation Teams

Unity Health Toronto First Nations, Inuit, and Métis Community Advisory Panel

Indigenous Standardized Patient Acting Team

Study Design

3-armed RCT

Pre-Intervention

- Implicit bias measures
- Explicit bias measures

Random assignment of participants into the study arms

Intervention



Big Canoe: 10-hour facilitated online curriculum

8-10 weeks



Little Canoe: 1-hour anti-bias training session



Control: 10-hours of non-Indigenous health education

Post-Intervention

- Implicit bias measures
- Explicit bias measures
- UISP visit (double blinded)
- Debrief



<u>Study Results: Question 14 – Patient Experience</u>

Would you recommend this health care provider to family or friends?
 (not recommend; recommend with reservations; recommend; <u>highly recommend</u>)

Odds Ratio (95 % Confidence Interval)	Crude	Age and Gender Adjusted	Age, Gender and Previous Indigenous Experience Adjusted	Age, Gender and Positive Experience Adjusted
Big Canoe	3.929	5.723	6.875	7.263
	(0.925, 19.323)	(1.156, 36.779)	(1.310, 49.396)	(1.349, 53.493)
Little Canoe	3.300	6.616	7.784	7.113
	(0.657, 18.729)	(1.074, 54.663)	(1.191, 73.311)	(1.129, 60.303)





Actions

- Take an evidence based Indigenous cultural safety training
- Reflect on and adapt strategies to interrupt your social and scientific biases
- Identify the paradigm and assumptions underlying your own scientific discipline – reflect on the strengths and limitations
- Work to advance equitable distribution of resources for Indigenous scientists and Indigenous science



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Questions?

