Michael Smith Foundation for Health Research (MSFHR) REACH Grant Knowledge Translation Topics:

Review of Gender, Sex and Sexual Orientation (GSSO) In Digital Health Systems – Part 2

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… acknowledge with respect the Lekwungen-speaking peoples on whose traditional territories the University of Victoria stands; the Songhees, Esquimalt and the W_SÁNEC ("w'Saanich") peoples, whose historical relationship with the land continues to this day

… each of you will join me and acknowledge the privilege we have of coming together in the spirit of respectful dialogue from the traditional territories of indigenous peoples from across this land known as Canada

Agenda

1. Meeting Schedule
2. GSSO Action Plan
3. Digital Health Systems
4. Implications
5. Next Steps

1. Meeting Schedule

MSFHR REACH Grant Special Topics Meetings

Second Tuesdays of the Month

Terminology
- May 11
- June 8

Digital Health/EHR Functions
- July 13
- August 10

Policy & Practice
- September 14
- October 12

Settings
- November 9 - Primary Care
- November 23 – Acute & Tertiary Care

Fourth Tuesdays of the Month

Scheduled Updates to the Infoway SGWG
- May 25 – Terminology
- June 22 – Terminology
- July 27 – EHR Functions
- August 24 – EHR Functions
- September 28 – Policy & Practice
- October 26 – Policy & Practice
- December 14 – REACH project update

2. GSSO Action Plan

1. Envisage an equity- and SGM-oriented health system vision and goal

2. Engage and partner with organizations and communities to modernize GSSO information practices to meet SGM needs

3. Establish GSSO terminology for patient care, health system use and research

4. Enable EHRs *+digital health* to collect, use, exchange and reuse standardized GSSO data

5. Integrate and tailor GSSO data collection with organizational structures, policies, use cases and workflow processes

6. Educate & train staff to provide culturally competent and safe care, and educate patients to understand need

7. Establish a central hub to coordinate this action plan over time and continue national conversation as next step

This plan focuses on **what** actions are needed, **with details on who, how** and **when** to be discussed and established later

3. Digital Health Systems

Action-4: Enable EHRs *+digital health* to collect, use, exchange and reuse standardized GSSO data

1. Databases – dictionary, codes, mapping, quality, access, usage

2. Interfaces – input forms, searches, displays, help

3. Outputs – lists, reports, letters, labels, wrist bands

4. Security/Privacy – access, masking, help, exchange, audit

5. Decision support

6. Analytics

7. IT support

What are the specific implementation issues for YOUR organization to incorporate GSSO into your digital health systems?

3. Digital Health Systems

1. Databases – dictionary, codes, mapping, quality, access, usage

2. Interfaces – input forms, searches, displays, help

3. Outputs – lists, reports, letters, labels, wrist bands

4. Security/Privacy – access, masking, help, exchange, audit

5. Decision support – decision rules, data fields, evidence base, best practices
   a. Rules – e.g. ID, labels, bed, flag, ref ranges, alerts, preventive care, documents?
   b. Data fields- e.g. sex at birth, gender identity, sexual orientation, organ inventory, recorded sex/gender, name used, legal name, pronouns?
   c. Evidence for rules - e.g. reference ranges, preventive care, alerts, blood donation?
   d. Best practices – e.g. governance, accuracy, usage, audit logs?

3. Digital Health Systems

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4. Security/Privacy – access, masking, help, exchange, audit
5. Decision support - decision rules, data fields, evidence base, best practices
6. Analytics – coding categories, population health, text-mining
   a. Categories- aggregation, e.g. nonbinary, man, woman, not disclosed, other gender?
   b. Categories - derived, e.g. if sex at birth ≠ gender identity => transgender person?
   c. Population health – indicators, metrics, access, quality, outcomes?
   d. Text mining - free-text analysis to identify new terms, trends, misuse?

3. Digital Health Systems

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3. Outputs – lists, reports, letters, labels, wrist bands
4. Security/Privacy – access, masking, help, exchange, audit
5. Decision support - decision rules, data fields, evidence base, best practices
6. Analytics - categories: aggregated & derived, population health, text-mining
7. IT support – system & terminology implementation, best practices
   a. System – e.g. update, deployment & maintenance logistics & issues?
   b. Terminology – e.g. update, deployment & maintenance logistics & issues?
   c. Best practices - leading organizations, communities, vendors?
   d. What other implementation issues should be considered?

4. Implications

1. Databases – dictionary, codes, mapping, quality, access, usage

2. Interfaces – input forms, searches, displays, help

3. Outputs – lists, reports, letters, labels, wrist bands

4. Security/Privacy – access, masking, help, audit

5. Decision support - decision rules, data fields, evidence base, best practices

6. Analytics - categories: aggregated & derived, population health, text-mining

7. IT support - system & terminology implementation, best practices

What are the implications for <u>YOUR</u> organization wishing to implement GSSO in your digital health systems?

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GSSO Practice/Research Presentations

Aug 24 – Tehmina Ahmad, University of Toronto: The Case for a Canadian Standard for 2SLGBTQIA+ Medical Education

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