

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

## Review of Gender, Sex and Sexual Orientation (GSSO) Terminology, Implementation Options and Implications – Part 1

May 11, 2021

**Karen Courtney, Francis Lau, Aaron Devor, Marcy Antonio, Kelly Davison, Roz Queen**

University of Victoria

**Jody Jollimore, Michael Kwag, Anu Radha Verma**

Community-Based Research Centre

Canada Health Infoway, Canadian Institute for Health Information, Canadian Health Information Management Association



... 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. Terminology Discussion
4. Next steps

# 1. Meeting Schedule

## **MSFHR REACH Grant Special Topics Meetings**

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### *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

#### **GSSO Practice/Research Presentations**

- May 25 - Erin Zeigler, Primary Care for Transgender Individuals – Review of Literature Reflecting a Canadian Perspective

## 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

## 2. GSSO Action Plan - Expanded

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**
  - ✓ Concepts, definitions, data fields, coded values, code systems and value sets
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. Terminology Discussion

## **Action-3: Establish GSSO Terminology for patient care, health system use and research**

1. Terminology Options
2. Implementation Options
3. Implications
4. Expected Outputs

# 3. Terminology Discussion

## 1. Terminology Options

- a. GSSO Action Plan – Data fields, value options and glossary
- b. Canadian Organizations – GSSO data for patient care
- c. Canadian Organizations – GSSO data for health system use & research?
- d. Canadian Organizations – StatCan sexual diversity statistical standards?
- e. Canadian Governments - Sex & gender categories in legal documents
- f. HL7 Gender Harmony Project – Data model
- g. ONC – Vocabulary for sex at birth, sexual orientation, gender identity
- h. Others?



# 3. Terminology Discussion

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- h. Others?

## a. GSSO Action Plan – Data fields, value options and glossary

Gender identity	Intersex, Man, Nonbinary, Two-Spirit, Unknown, Woman
Man	Cisgender man, Transgender man/Trans man
Nonbinary	Agender/Genderless/Neutrois, Alternating gender, Bigender, Demiboy, Demigirl, Genderfluid, Genderqueer, Gender-nonconforming, Pangender/Polygender, Not disclosed, <i>Free text</i> , Third gender, Trans feminine, Trans masculine
Woman	Cisgender woman, Transgender woman/Trans woman
Pronouns	He/Him/His, She/Her/Hers, They/Them/Theirs, <i>Free text</i> , Unknown, Unreported
Name used	
Sex assigned at birth	Female, Intersex, Male, Unknown
Anatomic inventory*	Breast(s), Cervix, Fallopian tube(s), Ovary(ies), Penis, Prostate, Testis(es), Uterus, Vagina, Clitoris, Labia, <i>Free text</i>
Hormone inventory	Anti-androgen, Estrogen, Follicle stimulating hormone (FSH), Hormone replacement therapy (HRT), Progestin, Prolactin, Puberty blocker, Testosterone (TRT), <i>Free text</i>
Surgical inventory?	Labiaplasties, Lipofilling, Liposuction, Metoidoplasty, Orchiectomy, Penectomy, Penis lengthening, Phalloplasty, Salpingo-oophorectomy, Testicular implants, Urethral extension, Urethral shortening, Vaginoplasty, Vulvoplasty, <i>Free text</i>

## a. GSSO Action Plan – Data fields, value options and glossary

Sexual orientation	Sexual identity, Sexual attraction, Sexual practice, Sexual partner
Sexual identity	Asexual, Bisexual, Gay, Heterosexual (straight), Kink, Lesbian, Pansexual, Polyamorous, Queer, Transamorous, Two-Spirit, Not disclosed, Unknown, <i>Free text</i>
Sexual attraction	Animal, Children, Dominant, Inanimate objects, Men, No one, Nonbinary, Other, Self, Submissive, Teen, Trans feminine, Trans masculine, Women, <i>Free text</i>
Sexual practice	Anal, Blood, Bondage, Discipline, Fisting, Inanimate objects, Manual, Free text, Oral, Penile-vaginal, Scat, Urine, <i>Free text</i>
Sexual partner	Animal, Children, Dominant, Men, No one, Nonbinary, Other, Self, Submissive, Teen, Trans feminine, Trans masculine, Women, <i>Free text</i>

## a. GSSO Action Plan – Data fields, value options and glossary

Term	Definition
Gender	<p>Refers to the gender that a person internally feels (gender identity) and/or the gender a person expresses (gender expression) in their daily life, including at work, while shopping or accessing other services, in their housing environment, or in the broader community. A person's current gender may differ from what is typically expected based on the sex a person was assigned at birth and may differ from what is indicated on their current legal documents. A person's gender may change over time</p> <p>Source – Goldman et al.</p>
Legal Gender	<p>Gender recorded on primary official government documents such as birth certificates and passports</p>
Administrative Gender	<p>Gender recorded on primary official government documents such as birth certificates and passports or on other documents such as health care cards or drivers licenses</p> <p>A term used in most existing electronic health record systems that refers to either one's sex or gender recorded and used for administrative purposes such as billing purposes. Also known as legal gender in some systems.</p> <p>Source - Burgess</p>
Male Gender	<p>This category includes persons whose current gender was reported as male. This includes cisgender and transgender persons who were reported as being male</p> <p>StatCan -<a href="#">link</a></p>
Female Gender	<p>This category includes persons whose current gender was reported as female. This includes cisgender and transgender persons who were reported as being female</p> <p>StatCan -<a href="#">link</a></p>
Gender Diverse	<p>This category includes persons whose current gender was not reported exclusively as male or female. It includes persons who were reported as being unsure of their gender, persons who were reported as both male and female, or neither male nor female</p> <p>StatCan -<a href="#">link</a></p>
Gender Expression	<p>Refers to the gender a person publicly expresses in their daily life, including at work, while shopping or accessing other services, in their housing environment or in the broader community</p> <p>StatCan -<a href="#">link</a></p> <p>How a person enacts gender in their everyday life. May include name, grooming, clothing, comportment. There are many reasons why a person may not feel that it is safe to express their gender identity in certain circumstances. Thus, a person's gender expression may or may not be a good representation of their gender identity.</p> <p>Source - Goldman et al.</p>

# 3. Terminology Discussion

## 1. Terminology Options

- a. GSSO Action Plan – Data fields, value options and glossary
- b. Canadian Organizations – GSSO data for patient care**
- c. Canadian Organizations – GSSO data for health system use & research?
- d. Canadian Organizations – StatCan sexual diversity statistical standards?
- e. Canadian Governments - Sex & gender categories in legal documents
- f. HL7 Gender Harmony Project – Data model
- g. ONC – Vocabulary for sex at birth, sexual orientation, gender identity
- h. Others?

## b. Canadian Organizations – GSSO data for patient care

Organization	Data Element	Value Set
Alberta Health Services	Gender Identity	Agender, Choose not to disclose, Female, Gender Fluid, Intersex, Male, Non-binary, Not Listed, Questioning, Transgender Female, Transgender Male, Two Spirit
	Sex Assigned at Birth	Female, Male, Unknown, Not recorded on Birth Certificate, Choose not to disclose
	Administrative Gender	F-Female, M-Male, U-Unknown: Gender not asked or unable to collect generally used for administrative purposes, X-Does not identify their gender as male or female or has chosen not to disclose their gender
	Sexual Orientation	Asexual, Bisexual, Choose not to disclose, Gay, Lesbian, Not Listed, Pansexual, Questioning, Straight, Two Spirit
	Pronouns	She/Her/Hers, He/Him/His, They/Them/Theirs, Patient's Name, Decline to Answer, Unknown, Not Listed
	Organ Inventory	Breasts, Cervix, Fallopian Tubes, Ovaries, Prostate, Testes
Rainbow Health Ontario / Sherbourne Health	Sex assigned at birth	Female, Male, write-in option
	Gender	Female, Male, Trans masculine, Trans feminine, Questioning, Prefer not to answer, write-in option
	Sexual orientation	Lesbian, gay, bisexual, pansexual, queer, two-spirit, questioning, heterosexual, prefer not to answer, other
	Sexual behavior	MSM, WSW, serial monogamy, polyamory, celibacy, kink, etc.
Toronto Central LHIN	Gender	Female, Intersex, Male, Trans –Female to Male, Trans – Male to Female, Write-in option, Prefer not to answer, Do not know
	Sexual orientation	Bisexual, Gay, Heterosexual, Lesbian, Queer, Two-Spirit, Write-in option, Prefer not to answer, Do not know
Trans Care BC	Name (used)	Free text
	Pronouns (used)	She/Her/His, He/Him/His, They/Them/Theirs, No pronoun, <i>Free-text</i> , Prefer not to answer, Unknown
	Gender	Select all that apply – Female/Woman/Girl, Male/Man/Boy, Transgender, Two-Spirit (Indigenous), Nonbinary, Agender, Gender creative, <i>Free text</i> , Prefer not to answer, Unknown (not yet collected)
	Sex-assigned at birth	Select one – Female (F), Male (M), Intersex (I), Prefer not to answer (U), Unknown (U –not yet collected)
	Administrative name	Free text (name on medical insurance card (if applicable))
	Administrative gender/sex	Select one - Female (F), Male (M), X, Unknown (U)
	Anatomical inventory	Select all organs present; indicate if present at birth, surgically modified, surgically created; update as needed
		Testes, Prostate, Penis, Vagina, Cervix, Uterus, Ovaries, Fallopian Tubes, Breast(s), Chest
	Hormone medication inventory	Select all medications used currently or in the past; indicate age of first use; indicate duration of use
		Estrogen, Progestin, Testosterone, Anti-androgen, Puberty blocker
Hormone reference ranges	Generate by primary care provider based on hormone medication inventory	
	Female-typical, Male-typical, Both	

## b. Canadian Organizations – GSSO data for health system use & research?

<b>Ontario Health Study Ontario Institutes for Cancer Research</b>	<b>Sexual orientation</b>	Heterosexual or straight, Gay or lesbian, Bisexual, Prefer not to answer, Don't know
	<b>Sex assigned at birth</b>	Male, Female, Undetermined, Prefer not to answer
	<b>Felt gender</b>	Male or primarily masculine, Female or primarily feminine, Both male and female, Neither male nor female, Don't know, Prefer not to answer
	<b>Lived gender</b>	Male, Female, Sometimes male sometimes female, Third gender or something other than male or female, Prefer not to answer
	<b>Current gender identity</b>	Male, Female, Indigenous or other cultural gender minority (e.g. two-spirit), Other (e.g. gender fluid, non-binary), Prefer not to answer
<b>CIHI</b>	<b>Sex at Birth</b>	F-Female, M-Male, I-Indeterminate, UNK-Unknown
	<b>Gender</b>	F-Female, M-Male, D-Gender Diverse, UNK-Unknown, NA-Not Applicable
<b>StatCan Classification of variant of sex, gender</b>	<b>Sex</b>	M-Male, F-Female, I-Intersex
	<b>Gender</b>	M-Male gender, F-Female gender, D-Gender diverse
	<b>Cisgender &amp; Transgender</b>	C-Cisgender, T-Transgender
	<b>Cisgender</b>	CM-Cisgender man, CF-Cisgender woman
	<b>Transgender</b>	TM-Transgender man, TF-Transgender woman, TG-Transgender person, n.e.c. (not exclusively classified)
<b>StatCan Gender statistical standards</b>	<b>Gender</b>	Male gender, Female gender, Non-binary gender
	<b>Transgender status</b>	Cisgender person, Cisgender man, Cisgender woman, Transgender person, Transgender man, Transgender woman, Transgender non-binary person

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# d. Canadian Organizations – StatCan sexual diversity statistical standards?

Concept	Code	Category
Sexual orientation		Sexual identity, Sexual attraction, Sexual attraction variant, Sexual behavior, Sexual behavior variant
Sexual identity	1 2	Heterosexual or straight Minority sexual identity
	2.1 2.2 2.3	Gay or lesbian Bisexual Pansexual; asexual; queer, n.o.s.; Two-Spirit, n.o.s.; or sexual identity, n.e.c.
		2.3.1 Pansexual 2.3.2 Asexual 2.3.3 Queer, n.o.s. 2.3.4 Two-Spirit, n.o.s
Sexual attraction	1 2 3 4 5	Person only or mostly attracted to persons of a different gender Person only or mostly attracted to persons of the same gender Person equally attracted to persons of multiple genders Person unsure of their sexual attraction Person who does not experience sexual attraction
	1.1 1.2	Person only attracted to persons of a different gender Person mostly attracted to persons of a different gender
	2.1 2.2	Person only attracted to persons of the same gender Person mostly attracted to persons of the same gender
	3.1 3.2	Person equally attracted to persons of two genders Person equally attracted to persons of all genders
	3.1.1 3.1.2	Person equally attracted to persons of two genders other than their own Person equally attracted to persons of the same and different gender
		Sexual attraction variant 1 Person only or mostly attracted to persons of male gender 2 Person only or mostly attracted to persons of female gender 3 Person only or mostly attracted to persons of non-binary gender 4 Person equally attracted to persons of multiple genders 5 Person unsure of their sexual attraction 6 Person who does not experience sexual attraction 4.1 Person equally attracted to persons of two genders 4.2 Person equally attracted to persons of all genders 4.1.1 Person equally attracted to persons of male gender and female gender 4.1.2 Person equally attracted to persons of male and non-binary gender 4.1.3 Person equally attracted to person of female and non-binary gender
Sexual behavior	1 2 3 4	Person with different-sex partners only Person with same-sex partners only Person with both male and female partners Person with partners who are neither male nor female
	1.1 1.2	Female person with only male partners Male person with only female partners
	2.1 2.2	Male person with only male partners Female person with only female partners
	3.1 3.2	Male person with both male and female partners Female person with both male and female partners
		Sexual behavior variant 1 Person with male partners only 2 Person with female partners only 3 Person with both male and female partners 4 Person with partners who are neither male nor female
		LGBTQ2+ status 1 LGBTQ2+ person 2 non-LGBTQ2+ (Heterosexual and cisgender person)
	4.1 4.2	Male person with partners who are neither male nor female Female person with partners who are neither male nor female

## d. Canadian Organizations – StatCan sexual diversity statistical standards?

LGBTQ2+ status	Transgender status	Minority sexual identity	Sexual identity (default aggregation)	Sexual identity (detailed)
No	Cisgender	No	Heterosexual or straight	Heterosexual or straight
Yes	Transgender			
	Cisgender	Yes	Gay or lesbian	Gay or lesbian
			Bisexual	Bisexual
			Pansexual; asexual; queer, n.o.s.; Two-Spirit, n.o.s.; or sexual identity, n.e.c.	Pansexual
				Asexual
				Queer, n.o.s.
				Two-Spirit
	Sexual identity, n.e.c.			
	Transgender		Gay or lesbian	Gay or lesbian
			Bisexual	Bisexual
			Pansexual; asexual; queer, n.o.s.; Two-Spirit, n.o.s.; or sexual identity, n.e.c.	Pansexual
Asexual				
Queer, n.o.s.				
Two-Spirit				
Sexual identity, n.e.c. <sup>18</sup>				

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## e. Canadian Governments – Sex & gender categories in legal documents

Data Fields	Value Options	Documents	Jurisdictions*
Sex	Male, Female	Indian status	Federal
	F, M, X, blank	Passport	Federal
	F, M, X	Birth certificate, Driver's license	AB,
		Birth certificate/Birth registration/Marriage registration	MB
		Birth certificate	NB, NL, NT, NU, SK
	F, M, X	Driver's license	ON
	M, F	Birth certificate, Birth registration	PE, YT
Sex designation	M, F, X	Driver's license/Health card/Vehicle registration	NB
	Male, Female, Non-Binary	Health card	SK
	M, F	Birth certificate	QC
Sex indicator	M, F, X	Birth certificate	NS
Gender	M, F, X	Citizen card, Permanent residency card	Federal
		Birth certificate, Driver's license, Service card, Identification card	BC
	M, F, X, blank	Driver's license	PE
	Male, Female, X	Social insurance number	Federal
	M, F	Driver's license, gender identification card	YT
Gender identifier	M, F, X	Work permit, Study permit, Visa, eTA	Federal
		Driver's license	MB
Gender identity	M, F, X, blank	Driver's license	NS
	M, F	Health insurance card, Driver's license	QC

\*AB-Alberta, BC-British Columbia, MB-Manitoba, NB-New Brunswick, NL-Newfoundland & Labrador, NS-Nova Scotia, NT-Northwest Territories, NU-Nunavut, ON-Ontario, PE-Prince Edward Island, QC-Quebec, SK-Saskatchewan, YT-Yukon

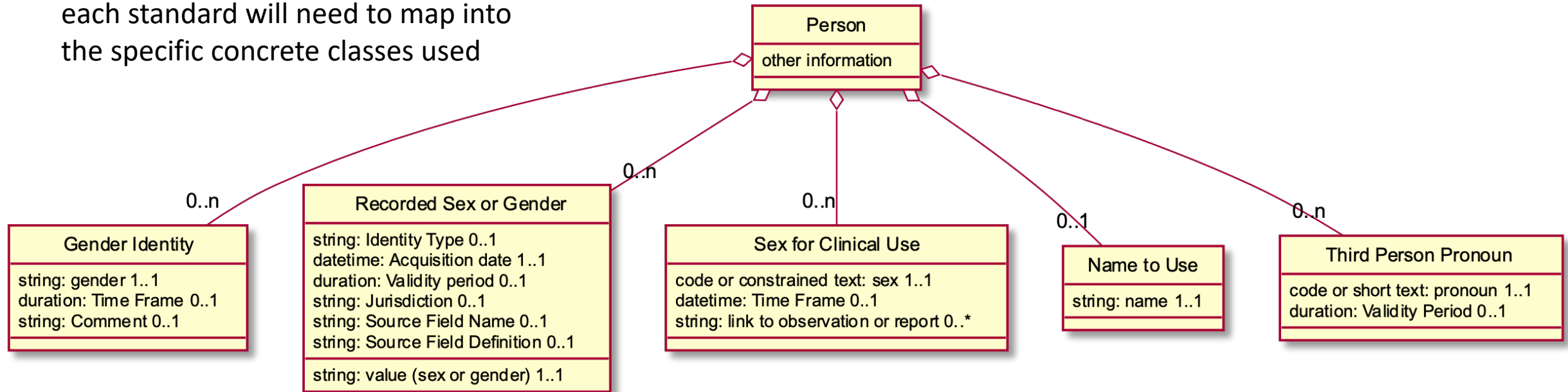
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# f. HL7 Gender Harmony Project - Data Model

This is an abstract class model that each standard will need to map into the specific concrete classes used



## Minimum value set

- Female
- Male
- Non-binary
- Unknown

## Minimum value set

- Female
- Male
- Complex
- Unknown

## Minimum value set

- He/Him/His/Himself
- She/Her/Hers/Herself
- They/Them/Their/Theirs/Themself
- Uses Other Pronouns
- Unknown Pronouns

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- g. **ONC – Vocabulary for sex at birth, sexual orientation, gender identity**
- h. Others?

## g. ONC – Vocabulary for Sex at birth, sexual orientation, gender identity\*

Data element	Code System	Value sets
Patient Gender Identity	LOINC SNOMED CT  HL7V3 Null Flavor	Gender identity, 67791-5 Male 446151000124109  Female 446141000124107  Female-to-Male (FTM)/Transgender Male/Trans Man 407377005  Male-to-Female (MTF)/Transgender Female/Trans Woman 407376001  Identifies as non-conforming gender (US) synonyms include: Genderqueer; identifies as neither exclusively male nor female, Non-binary gender 446131000124102  OTH - Additional gender category or other, please specify ASKU – Choose not to disclose
Patient Sex (At Birth)	LOINC HL7V3 HL7V3 Null Flavor	Sex assigned at birth, 76689-9 Administrative Gender, M-Male, F-Female, UNK-Unknown OTH-Other ASKU-Asked, but Unknown NASK-Not asked
Patient-Identified Sexual Orientation	LOINC SNOMED CT  HL7 V3 Null Flavor	Sexual orientation, 76690-7 Lesbian, gay or homosexual 38628009 Straight or heterosexual 20430005 Bisexual 42035005 Sexually attracted to neither male nor female sex 765288000 OTH-Something else, please describe UNK-Don't know ASKU-Choose not to disclose



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- h. Others? BioPortal GSSO ontology, SNOMED CT, ISO TC215 WG3

# 3. Terminology Discussion

1. Terminology Options

2. Implementation Options

a. Harmonized terminology for patient care, health system use, research

a. Harmonized terminology for patient care, health system use, research

Gender identity / Gender	GSSO	AHS	RHO	TCLHIN	TCBC	CIHI	StatCan	Gov	Patient care	Health system use, Research
Female		√	√	√		√		√	Female	Female gender
Female/Woman/Girl					√				Female/Woman/Girl	
Female gender							√		Female gender	
Woman	√								Woman	
Male		√	√	√		√		√	Male	Male gender
Male/Man/Boy					√				Male/Man/Boy	
Male gender							√		Male gender	
Man	√								Man	
Cisgender							√			Cisgender
Cisgender woman	√						√			Cisgender woman
Cisgender man	√						√			Cisgender man
Cisgender person, n.e.c.							√			Cisgender person, n.e.c.
Gender diverse						√	√			Gender diverse
X								√		X
Non-binary gender							√			Non-binary gender
Intersex	√	√		√					Intersex	Intersex
Two-Spirit	√	√			√				Two-Spirit	Two-Spirit
Nonbinary	√	√			√				Nonbinary	Nonbinary
Agender/Genderless/Neutrois	√	√			√				Agender/Genderless/Neutrois	
Alternating gender	√								Alternating gender	
Bigender	√								Bigender	
Demiboy	√								Demiboy	
Demigirl	√								Demigirl	
Genderfluid	√	√							Genderfluid	
Genderqueer	√								Genderqueer	
Gender creative					√				Gender creative	
Gender-nonconfirming	√								Gender-nonconfirming	
Pangender/Polygender	√								Pangender/Polygender	
Questioning		√	√						Questioning	
Third gender	√								Third gender	
Trans feminine	√		√						Trans feminine	Transgender
Trans masculine	√		√						Trans masculine	
Trans -Female to Male				√					Trans -Female to Male	
Trans -Male to Female				√					Trans -Male to Female	
Transgender					√		√		Transgender	
Transgender female		√							Transgender female	
Transgender woman / Trans woman	√						√		Transgender woman / Trans woman	
Transgender male		√							Transgender male	
Transgender man / Trans man	√						√		Transgender man / Trans man	
Transgender person, n.e.c.							√		Transgender person, n.e.c.	
Transgender non-binary person							√		Transgender non-binary person	

## a. Harmonized terminology for patient care, health system use, research

<b>Sex assigned at birth / Sex</b>	<b>GSSO</b>	<b>AHS</b>	<b>RHO</b>	<b>TCBC</b>	<b>CIHI</b>	<b>StatCan</b>	<b>Patient care</b>	<b>Health system use, Research</b>
Female	√	√	√	√	√	√	Female	Female
Intersex	√			√		√	Intersex	Intersex
Male	√	√	√	√	√	√	Male	Male
Unknown	√	√		√	√		Unknown	Unknown
Not recorded on birth certificate		√					Not recorded on birth certificate	
Choose not to disclose / Prefer not to answer		√		√			Choose not to disclose / Prefer not to answer	
Write-in option			√				Write-in option	
Indeterminate					√		Indeterminate	
<b>Administrative gender / sex</b>	<b>GSSO</b>	<b>AHS</b>	<b>RHO</b>	<b>TCBC</b>	<b>CIHI</b>	<b>StatCan</b>	<b>Patient care</b>	<b>Health system use, Research</b>
Female		√		√			Female	
Male		√		√			Male	
Unknown		√		√			Unknown	
Gender not asked or unable to collect		√					Gender not asked or unable to collect	
X-does not identify or chose not to disclose		√					X-does not identify or chose not to disclose	
<b>Anatomical / Organ inventory</b>	<b>GSSO</b>	<b>AHS</b>	<b>RHO</b>	<b>TCBC</b>	<b>CIHI</b>	<b>StatCan</b>	<b>Patient care</b>	<b>Health system use, Research</b>
Breast(s)	√	√		√			Breast(s)	
Cervix	√	√		√			Cervix	
Fallopian tube(s)	√	√		√			Fallopian tube(s)	
Ovary(ies)	√	√		√			Ovary(ies)	
Penis	√			√			Penis	
Prostate	√	√		√			Prostate	
Testis(es)	√	√		√			Testis(es)	
Uterus	√			√			Uterus	
Vagina	√			√			Vagina	
Clitoris	√						Clitoris	
Labia	√						Labia	
Not listed-Free text	√						Not listed-Free text	
Chest				√			Chest	
Present at birth, surgically modified, surgically created				√			Present at birth, surgically modified, surgically created	
<b>Hormone inventory</b>	<b>GSSO</b>	<b>AHS</b>	<b>RHO</b>	<b>TCBC</b>	<b>CIHI</b>	<b>StatCan</b>	<b>Patient care</b>	<b>Health system use, Research</b>
Anti-androgen	√			√			Anti-androgen	
Estrogen	√			√			Estrogen	
Follicle stimulating hormone	√						Follicle stimulating hormone	
Hormone replacement therapy	√						Hormone replacement therapy	
Progestin	√			√			Progestin	
Prolactin	√						Prolactin	
Puberty blocker	√			√			Puberty blocker	
Testosterone	√			√			Testosterone	
Indicate currently used, in past, age first use, duration				√			Indicate currently used, in past, age first use, duration	
Reference ranges, Female-typical, Male-typical, Both				√			Reference ranges, Female-typical, Male-typical, Both	

## a. Harmonized terminology for patient care, health system use, research

	GSSO	AHS	RHO	TCLHIN	StatCan	Patient care	Health system use, research
<b>Sexual orientation</b>	√	√	√	√	√	<b>Sexual orientation</b>	<b>Sexual orientation</b>
<b>Sexual identity</b>	√				√	<b>Sexual identity</b>	<b>Sexual identity</b>
Minority sexual identity					√		Minority sexual identity
Asexual	√	√			√	Asexual	
Bisexual	√	√	√	√	√	Bisexual	Bisexual
Gay	√	√	√	√	√	Gay	Gay or lesbian
Heterosexual (straight)	√	√	√	√	√	Heterosexual (straight)	Heterosexual (straight)
Kink	√					Kink	
Lesbian	√	√	√	√	√	Lesbian	
Pansexual	√	√	√		√	Pansexual	Pansexual; asexual; queer; Two-Spirit; Sexual identity
Polyamorous	√					Polyamorous	
Queer	√		√	√	√	Queer	
Transamorous	√					Transamorous	
Two-Spirit	√	√	√	√	√	Two-Spirit	
Questioning		√	√			Questioning	
Not disclosed	√	√	√	√		Not disclosed	
Unknown	√					Unknown	
Not listed-Free text	√	√	√	√		Not listed-Free text	
Do not know				√		Do not know	
<b>Sexual practice / behavior</b>	√		√		√	<b>Sexual practice / behavior</b>	<b>Sexual practice / behavior</b>
<b>Sexual behavior variant</b>					√		<b>Sexual behavior variant</b>
Man have sex with men			√			Man have sex with men	?
Woman have sex with women			√			Woman have sex with women	?
Serial monogamy			√			Serial monogamy	?
Polyagmory			√			Polyagmory	?
Celibacy			√			Celibacy	?
Kink			√			Kink	?
Anal	√					Person with different sex partners only	?
Blood	√					Person with same-sex partners only	?
Bondage	√					Person with both male and female partners	?
Discipline	√					Person with partners who are neither male nor female	?
Fisting	√					Person with male partners only	?
Inaminate	√					Person with femal partners only	?
...	√					more detailed level not shown	?
<b>Sexual attraction</b>	√				√	<b>Sexual attraction</b>	<b>Sexual attraction</b>
<b>Sexual attraction variant</b>					√		<b>Sexual attraction variant</b>
Animal	√					Person only or mostly attracted to persons of a different, same, multiple, non-binary genders	
Children	√					Peron unsware of their sexual attraction, Person who does not experience sexual attraction	

# 3. Terminology Discussion

## 1. Terminology Options

## 2. Implementation Options

- a. Harmonized terminology for patient care, health system use, research
- b. Existing single sex/gender field with added value options only
- c. New Gender identity field with mappable value options
- d. New Gender identity + Anatomical and Hormone inventories
- e. New Gender identity + inventories + Sexual orientation
- f. New Gender identity + Sex for clinical use
- g. New Gender identity + Sex for clinical use + Sexual orientation
- h. Other options?

# 3. Terminology Discussion

1. Terminology Options
2. Implementation Options
3. Implications
4. Expected Outputs

# Agenda

1. Meeting Schedule
2. GSSO Action Plan
3. Terminology Discussion
- 4. Next steps**



# 4. Next Steps

## MSFHR REACH Grant Special Topics Meetings

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### *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

#### **GSSO Practice/Research Presentations**

- May 25 - Erin Zeigler, Primary Care for Transgender Individuals – Review of Literature Reflecting a Canadian Perspective

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6. Lau F, Antonio M, Davison K, Queen R, Bryski K. An environmental scan of sex and gender in electronic health records: Analysis of public information sources. *JMIR* 2020; 22(11). -[link](#)
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11. Statistics Canada. *Gender and sexual diversity statistical metadata standards.* Updated 2021-05-07. –[link](#)
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