

Gender and gender dysphoria: clinical concepts and interventions

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Disclosures

 I do not have an affiliation (financial or otherwise) with a commercial organization related to this presentation.



Objectives

- Define sexual orientation and gender identity
- Review common terms in relation to sexual orientation and gender identity
- Understand gender dysphoria in children & adolescents/adults
- Review interventions for gender dysphoria
- Identify community resources for transgender folk



What colour do you see?



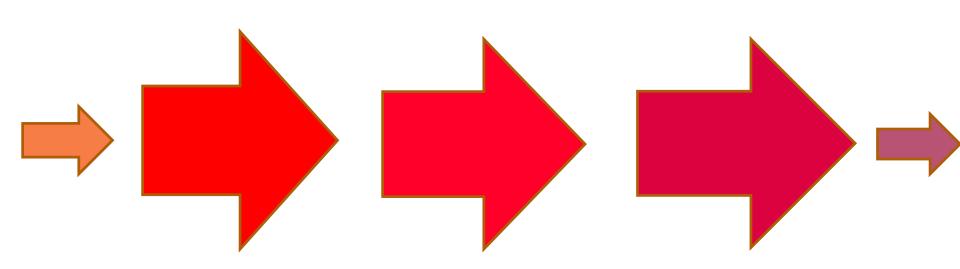
What colour do you see?



What colour do you see?



Where is the limit of red?





What is a sexual orientation?



Definitions

- Emotional connectedness
- Sexual attraction/fantasies
- Sexual behaviours
- Identity

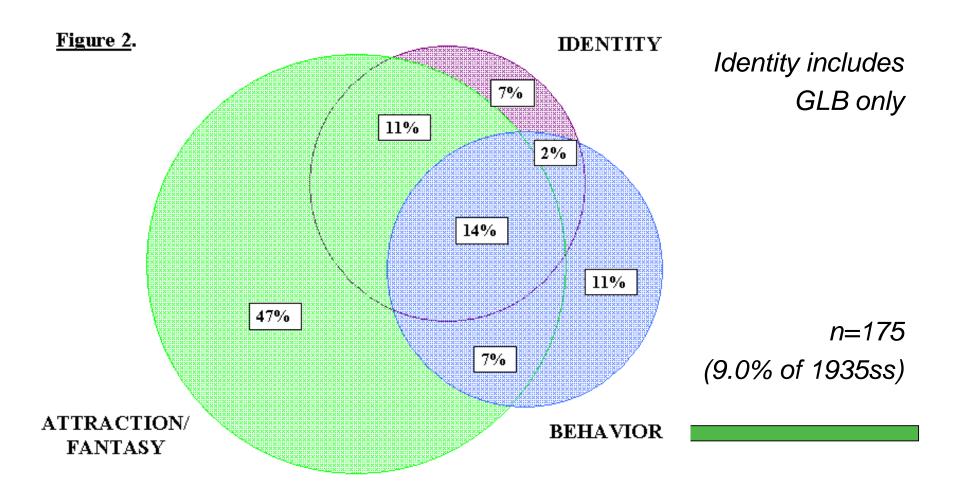


Prevalence in adolescence

	Girls	Boys	Total
Same sex attraction	13.1%	5.0%	9.0%
Same-sex behaviour	4.9%	2.9%	4.0%
GLB identity	4.2%	2.2%	3.4%
Unsure identity	4.1%	2.6%	3.4%

Concordance and discrepancy in sexual identity, attraction and behaviour among adolescents. Igartua, Thombs, Burgos & Montoro. *J Adol Health (2009)*







Adult prevalence

Sexual Behavior, Sexual Attraction, and Sexual Orientation Among Adults Aged 18–44 in the United States: Data From the 2011–2013 National Survey of Family Growth

Same-sex	♀ (%)	♂ (%)
Desire	17.3	7.0
Behaviour (last year)	14.2	5.5
Identity	5.2	2.8

Copen, C. E., et al. (2016). "Sexual Behavior, Sexual Attraction, and Sexual Orientation Among Adults Aged 18-44 in the United States: Data From the 2011-2013 National Survey of Family Growth."

National health statistics reports (88): 1-14.



Basic concepts

Homo

Hetero



Homo

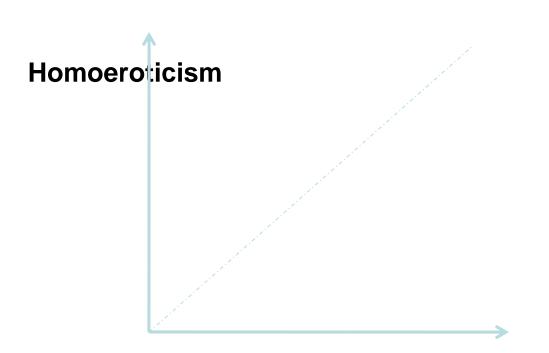
В

Hetero

Homo Hetero



Sexual orientation multidimensional model





Hetero-eroticism



- Gay, lesbian, bisexual
- Pansexual
- Queer
- Asexual
- Hetero/homo/bi/a -romantic & -sexual



What is gender identity?





What is a woman?







What is a woman?

- Karyotype XX ?
- Absence of testosterone?
- Ovaries & Uterus?
- Presence of breasts and vagina?
- Long hair and hour glass shape?
- Lip stick and heels?
- Softness and empathy?
- Sexual attraction to men?



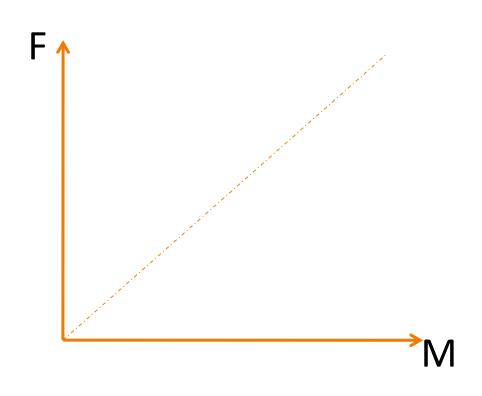


What if gender wasn't a categorical variable?

M M M



Gender as a multidimensional construct







Gender identity

 A person's internal sense of gender, which may or may not be the same as one's gender assigned at birth

Gender role

 Norms determined by societies regarding how male and female persons should behave, expecting people to have personality characteristics and/or behaviours based on their assigned gender.

Gender presentation/expression

 The way in which a person expresses their gender identity through clothing, behavior, posture, mannerisms, speech patterns, activities, etc.



Gender Creative or Non-Conforming

Behaviors, presentations and interests that fit outside of what society expects based on an individual's biological sex

Cis-gender

A person in which gender identity corresponds to biological sex

Transgender

An umbrella term that describes individuals whose gender identity does not match their biological sex

Assigned gender

Gender that is assigned at birth by medicla professionals and parents

Affirmed Gender

The gender by which an individual wishes to be known

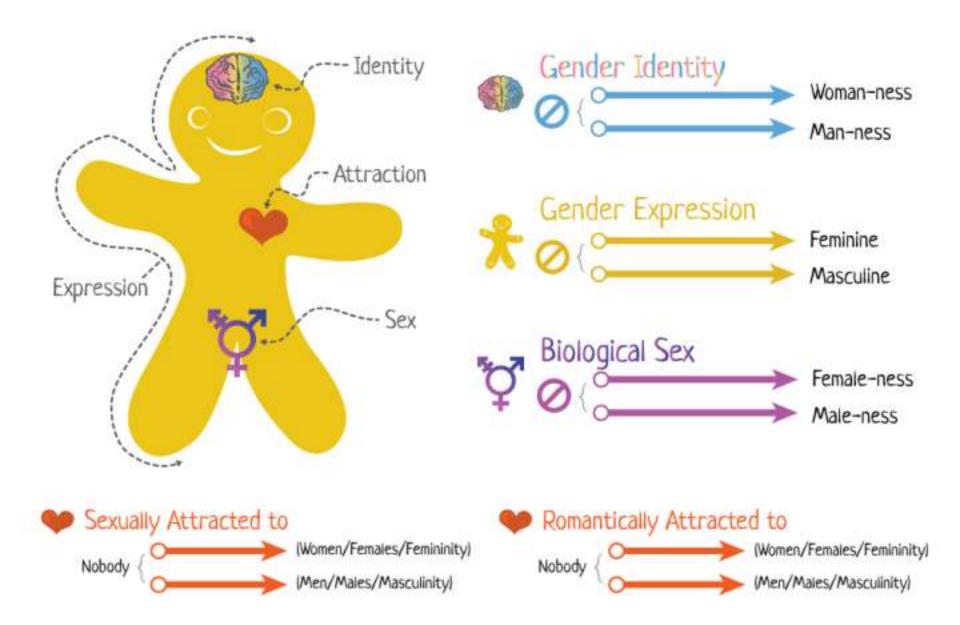




- Genderqueer
- Gender fluid
- Non-binary
- Agender
- Neutrois
- Third gender
- Intersex
- (transsexual)



The Genderbread Person v3.2 of its pronounced Methods sexual on





Adam and Eve?

Gender is less like this:





And more like this:



artivismproject.com



Contemporary expressions of gender







Gender variants through time



Femminiello,19th Century Naples, Italy





Gender variants throughout the world













Clinical Implications?

- Gender is a socially constructed concept.
- The social construct of gender varies across cultures and time
- Binary genders (man/woman) based on the body is only one way of conceptualizing gender
- Our current culture is evolving in its ability to name gender related experiences





Childhood



Gender exploration in childhood

- It is common for children to experiment with gender
 - Dutch study of 12 000 boys and girls age 4-11years
 - 2.6% of boys and 5% of girls, as reported by mothers, sometimes or frequently behaved like the opposite sex
 Cohen-Kettenis et al., 2003

 This does <u>not</u> indicate that the child has a diagnosis of gender dysphoria



DSM 5: Gender Dysphoria in Children

- A. A marked **incongruence** of one's **experienced** gender and **assigned gender** of at least **6 month's** duration; **six** of following criteria of which one must be A1
- 1. A **strong desire** *to be* of the other gender or an insistence that *one is* the other gender (or an <u>alternative gender</u> from the assigned gender)
- 2. Cross gender dressing or resistance to wearing gender typical clothing
- 3. Cross gender **roles in make-believe** or fantasy play
- 4. Cross-gender toys, games or activities
- 5. Cross-gender playmates



DSM 5: Gender Dysphoria in Children

- 5. A **strong rejection** of **toys, games and activities** typical of their assigned gender
- 6. A strong dislike of **one's sexual anatomy**
- 7. A strong desire for the primary and/or secondary **sex characteristics** that match one's experienced gender

B. Associated with clinically significant distress or impairment in social occupational, or other important areas of functioning

Specify if: With a disorder of sex development



Phenomenology in GD children

- Onset of Gender dysphoria can be as early as age 2
- Intensity of GD can be high or moderate, continuous or intermittent
- Internalizing disorders (anxiety and depression) are common, but not the rule
- Autistic spectrum disorders more prevalent in clinically referred GD children
- The more significant distress is sometimes in the child's environment



Social transitioning reduces anxiety and depression

TABLE 4 Comparison of Present Sample With Previous Reports of Population-Normed Internalizing Scores for children with GID²⁴

	Current Sample	Toronto ($n = 343$)	Utrecht ($n = 123$)
	(n = 73)	not socially transitioned	
Mean age	7.7 y	7.2 y	8.1 y
Sample	Transgender ^a	GID ^b	GID ^b
Measure of internalizing	PROMIS ^c	CBCL	CBCL
Mean internalizing t score	52.2	60.8	64.1

Both the PROMIS and CBCL are normed such that the population mean is t = 50 and SD is 10. CBCL, Child Behavior Checklist; PROMIS, Patient Reported Outcomes Measurement Information System.

^a The current participants were transgender, socially transitioned, and prepubescent.

^b Participants in both the Toronto and Utrecht samples either met criteria for GID or showed subthreshold symptoms of GID.

^c To compute an internalizing score for the PROMIS, depression and anxiety scores were averaged.



Interventions in GD children

Social transitioning:

- Generally child-motivated
- <u>Different types</u>: Context-dependent, Androgynous, Complete
- Assist parents in identifying potential in-between solutions or compromises that allow gender exploration in a safe environment
- In order to avoid distress or postponement of a potential second social transition:
 - Parents should present social transition as an <u>exploration</u>
 - Parents should explicitly let the child know there is a way back



Persistence of GD after childhood

Steensma & Cohen-Kettenis 2015

- 150 kids (111boys, 39 girls), mean age 8.3 yrs
- Follow-up at age 19-38 yrs, mean 25.9 yrs
- 27% re-entered clinic during adolescence for transition
 - 23% of natal boys
 - 36% of natal girls
- 3% entered into transition services as adults
 - 4 individuals tried to live as gay and later went to adult Gender services
 - 1 individual with ASD needed to deal with other issues before
- 30 % persistence overall
- Many developmental pathways to transition





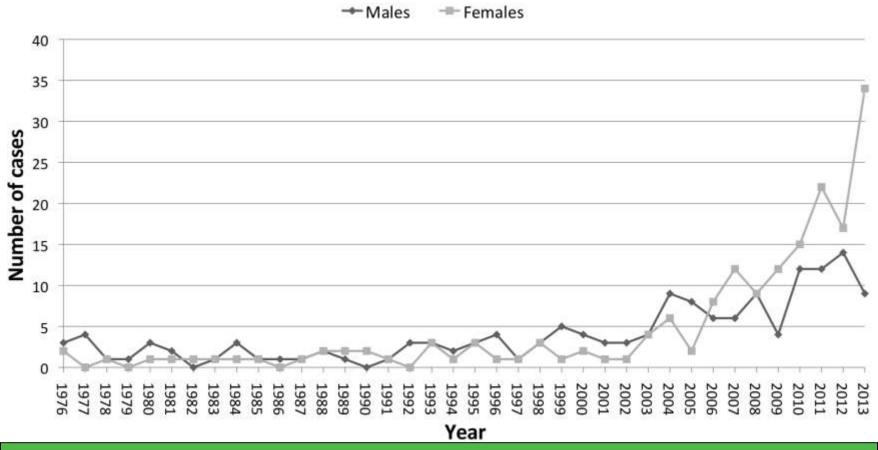




GENDER DYSPHORIA IN ADOLESCENTS AND ADULTS



Teen GID consultations climbing exponentially at CAMH





Sex ratio in GID consults changing

Center	Ratio M:F up to 2005	Ratio M:F from 2006
Toronto –CAMH	2.11 : 1	1: 1.76
328 kids		
Amsterdam- CEGD	1.77 : 1	1:1.75
420 kids		

Aitken et al, J Sex Med 2015;12:756–763



Gender prevalences in adolescence

- Clark et al (2014) New Zealand
 - 94.7 % were not transgender
 - 1.2% were transgender
 - 2.5% not sure about their gender
 - 1.7% did not understand the question
- Perez-Brumer et al (2017) United States
 - 1.33% were transgender (binary question)



DSM 5: Gender Dysphoria in Adolescents and Adults

- A. A marked incongruence between one's experienced gender and assigned gender, of at least 6 months' duration, as manifested by at least two of the following:
- A marked incongruence between one's experienced gender and primary and/or secondary sex characteristics (or as anticipated in young adolescents)
- 2. A strong desire to be rid of (or prevent) one's primary and/or secondary sex characteristics because of #1
- 3. A strong desire for cross-gender primary and/or secondary sex characteristics
- 4. A strong desire **to be of the other gender** (or alternative gender)
- 5. A strong desire to be treated as the other gender (or alternative gender)
- 6. A strong **conviction that one has the typical feelings** and reactions of the other gender (or alternative gender)
- B. Associated with clinically significant distress or impairment

Specify if: With a disorder of sex development

Specify if: Posttransition



Differential diagnosis

- Transvestic fetishism
- Personality disorder (esp. with Identity diffusion)
- Dissociative identity disorder
- Psychosis / mania
- Body dysmorphic disorder / OCD
- Desire for male privilege
- Desire for heterosexual privilege / intern'd homophobia



Persistence from Adolescence

- No formal studies of persistence from adolescence exist
- However, in a f/u study of 70 teens with GD given puberty blockade ---- <u>all</u> continued on with the sex reassignment, beginning with CSH

deVries, Steensma, Doreleijers, & Cohen-Kettenis, 2010



Phenomenology in adolescents with GD

- Cross-dressing can be associated with some erotic arousal initially
- Sexual orientations more evenly distributed (though still more hetero in chosen gender)
- Non-binary gender identities more common in adolescence than in childhood - in both childhood onset and adolescent onset GD



GD and health disparities

- Transgender identity in adolescence associated with
 - School bullying (OR: 4.5)
 - Depressive symptoms (OR: 5.7)
 - Suicide attempts (OR: 5.0)
 - The perception that a parent cared about them (OR;0.3)

Clark et al (2014)

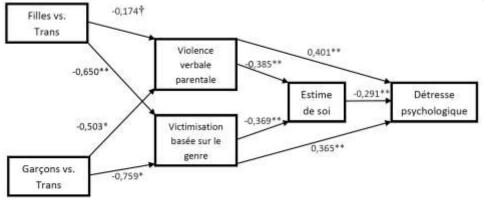
 Depressive symptoms and Victimization are the major predictors of suicidal ideation in trans teens

Perez-Brumez et al (2017)



GD Outcome literature: family support

- Strong parental support reduces attempted suicide rates by 93%
 - Hill et al., 2010; Travers et al., 2012
- Increased prevalence of verbal parental abuse and victimization associated with lower self-esteem & higher psychological distress vs controls
 - Raymond et al 2015



Note. $\dagger p = 0.054$; * p < 0.01; ** p < 0.001.





INTERVENTIONS & SUPPORT



Ethical conflict around GD interventions

Principle of non-maleficence:

- Interventions can lead to side effects, complications and/or sterility
- Acting quickly may cause regret
- Waiting may cause harm

VS.

Principle of beneficience:

- Interventions can alleviate gender dysphoria
- Acting quickly may avoid poor mental health outcomes
- Waiting may improve certainty



Psychotherapy

WPATH guidelines:

Psychotherapy is **highly recommended** but not compulsory

Leave the door open for counselling straight away, or to return for it later or never!



Gender education: how to talk about it

- Gender is a concept, it is socially constructed.
- Gender identity is a <u>belief</u> we have about ourselves: not dictated by our genitals



- Some people feel that their way of being male or female is not like everybody else's
- Some people feel like they're a little bit of both male and female, some feel they are neither, some feel they are another kind of gender
- It is ok to choose a gender of presentation even if it doesn't exactly correspond to one's felt gender
- Explore likely stigma and discrimination, and ways of protecting self



Medico-surgical interventions

- Reversible (12+):
 - Puberty blockade (GnRH analogues) *time sensitive
- Partially reversible (16+):
 - Cross-hormones (testosterone or estradiol)
- Irreversible (18+):
 - Surgeries (chest reconstruction, vaginoplasty, phalloplasty)

Ages as per the Dutch Protocol



Relief of GD

- Puberty blockade does not reduce GD
 - 55 teens (11 to 17yrs) followed though blockade, CSH and SRS
 - Improvement in GD only after CSH and SRS

DeVries 2014 PEDIATRICS 134(4)

- CSH improve self-esteem and quality of life. They reduce anxiety, dissociation, and social distress.
 - Systematic review of 17 studies

Costa & Colizzi 2016 Neuropsychiatric Disease and Treatment 12



Binders and packers







Physical Transition

Surgeries

- Breast augmentation
- Facial feminization
- Tracheal shave
- Vaginoplasty
- Mastectomy & Chest reconstruction
- Hysterectomy/oophorectomy
- Phalloplasty

Other interventions:

- Hair removal
 - waxing, electrolysis, laser
- Breast binding or padding, genital tucking or penile prostheses, padding of hips or buttocks





Post surgical outcomes

Smith et al 2005

- 162 post SRS trans adults
- No longer dysphoric,
- good psychological, social and sexual functioning
- 2 regrets (1%) (Both MTF non-"homosexual to assigned gender")
- FTM and "homosexual to assigned gender" orientation had better outcomes



Community resources in Montreal

- Gender Creative Kids Canada www.gendercreativekids.ca
- P10: downtown LGBTQ youth centre 14-25
- LGBTQ Youth Centre (Beaconsfield United Church)
- Le Néo (Terrebonne): community centre for LGBTQ 15-35yo
- ATQ: Aide aux Trans du Québec ATQ
- ASTTeQ: Action Santé Travesti(e)s et Transsexuel(le)s du Québec



Questions?



www.mcgill.ca/cosum

514.934.1934 ext. 42365



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