



Gender Affirmation Surgery

Sidhbh Gallagher MD

Plastic Surgery

April 2019



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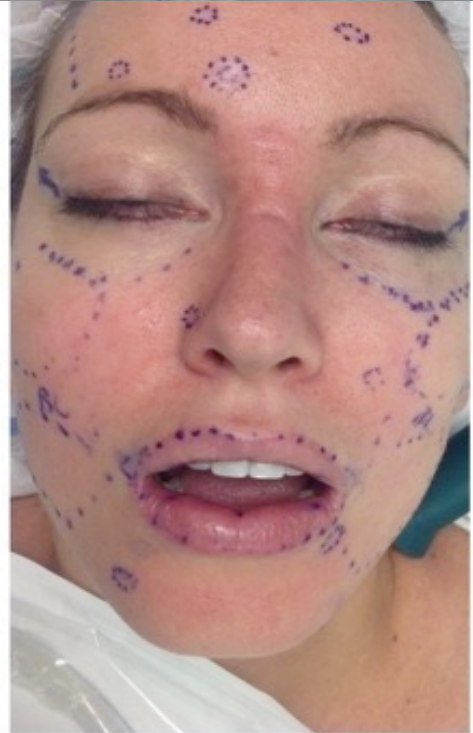
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I'm Going to need a Niche!



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Ghent, Belgium & Sydney, Australia



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JUNE 9, 2014

TIME

THE TRANSGENDER TIPPING POINT

America's next
civil rights frontier

BY KATY STEINMETZ



Laverne Cox, a star
of *Orange Is the New
Black*, is one of an
estimated 1.5 million
Americans who identify
as transgender

time.com



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Indiana University Gender Affirmation Surgery

- Taken Care of over 300 Patients
- Built a large referral base (85 referrals a month)
- Destination Service –(40% Out of State)
- Medico-legal Partnership

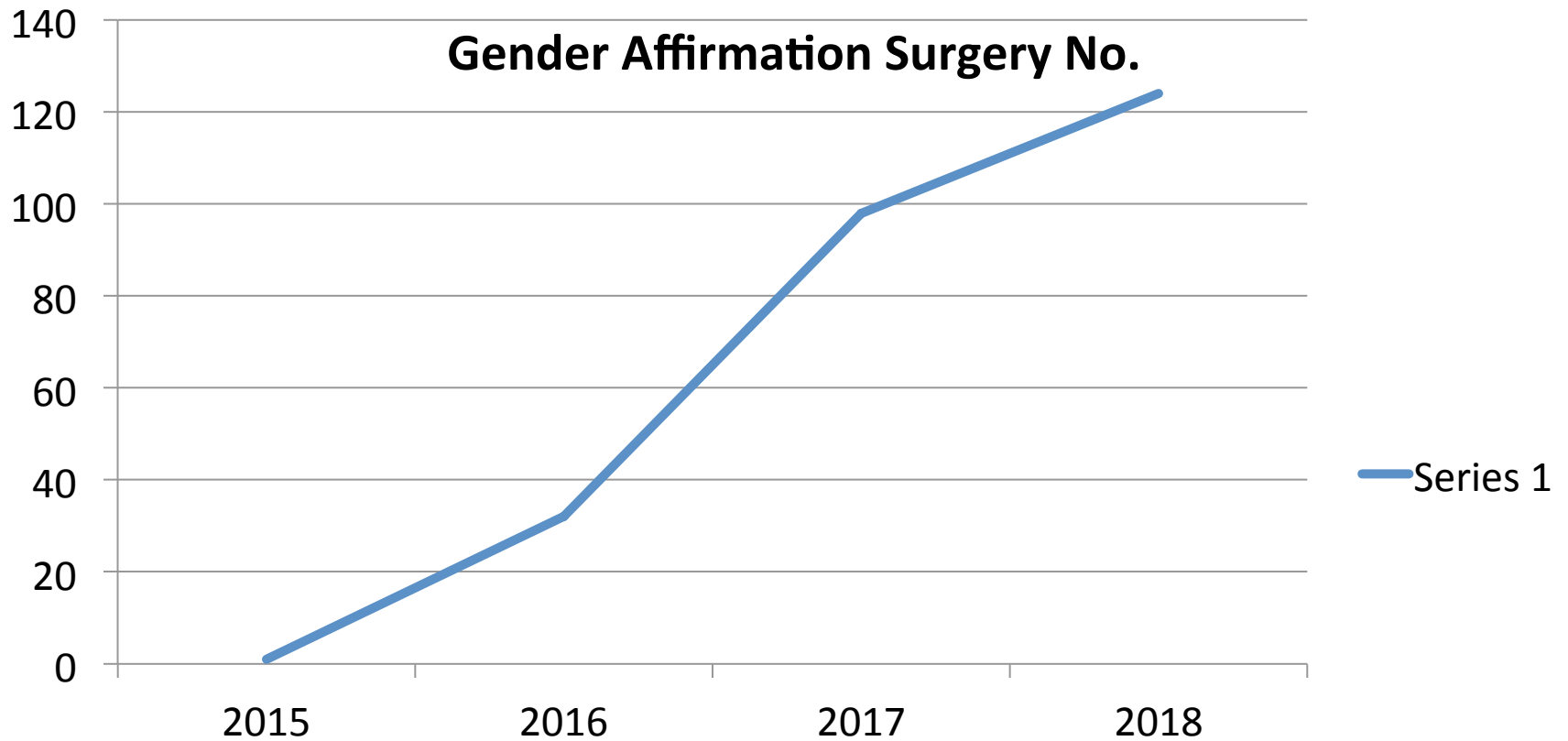


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Progress

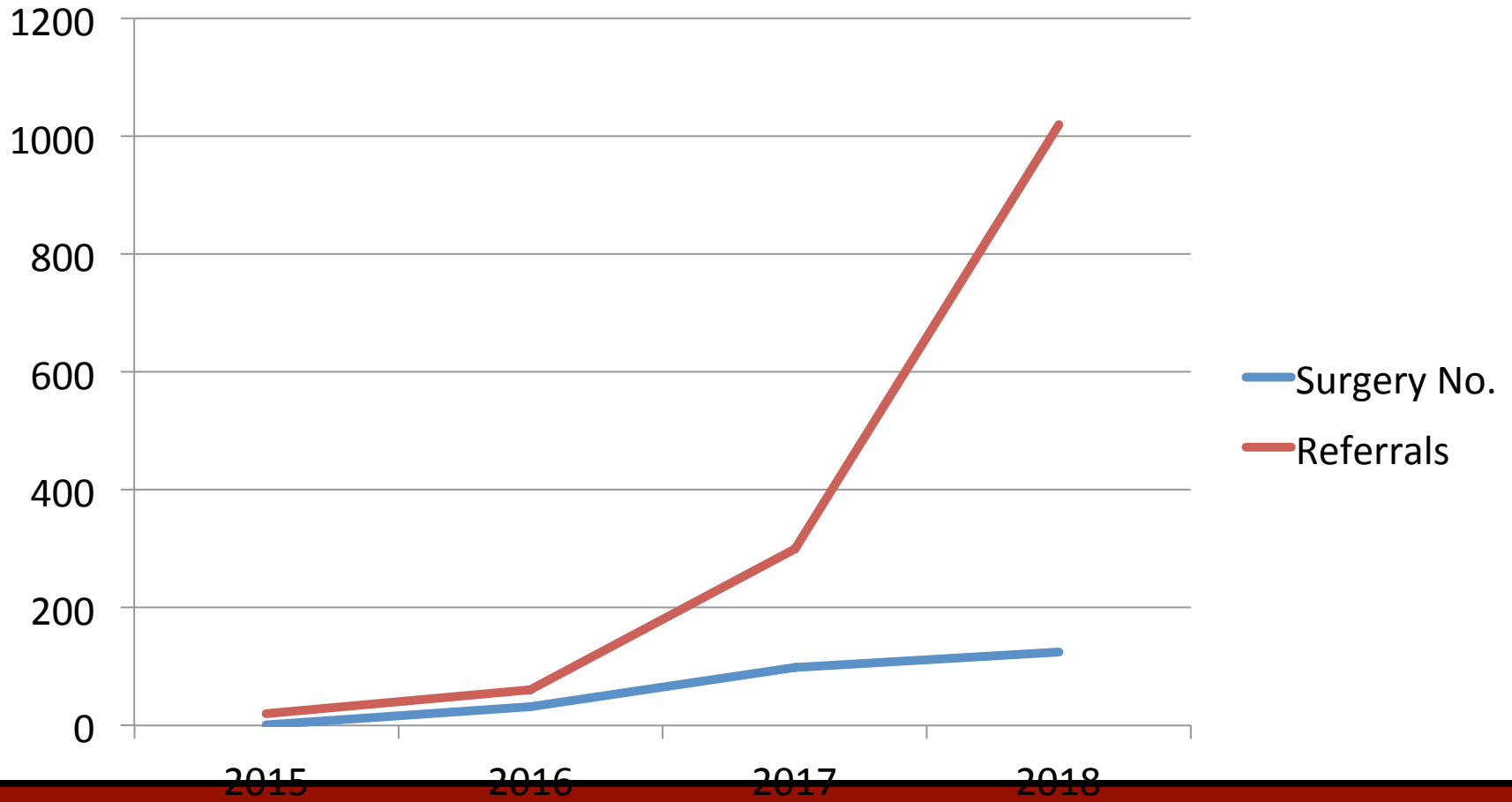


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Huge Rise in Referrals



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How Many Patients?

“the prevalence of a self-reported transgender identity in children, adolescents and adults ranges from 0.5 to 1.3%”

Sex Health. 2017 Oct;14(5):404-411. doi: 10.1071/SH17067. Epidemiology of gender dysphoria and transgender identity.Zucker KJ.



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Standards of Care for the Health of Transsexual, Transgender, and Gender Nonconforming People

The World Professional Association for Transgender Health



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Estimates of Prevalence

- 1:11,900 to 1:45,000 for male-to-female individuals (MtF)
- 1:30,400 to 1:200,000 for female-to-male (FtM) individuals.

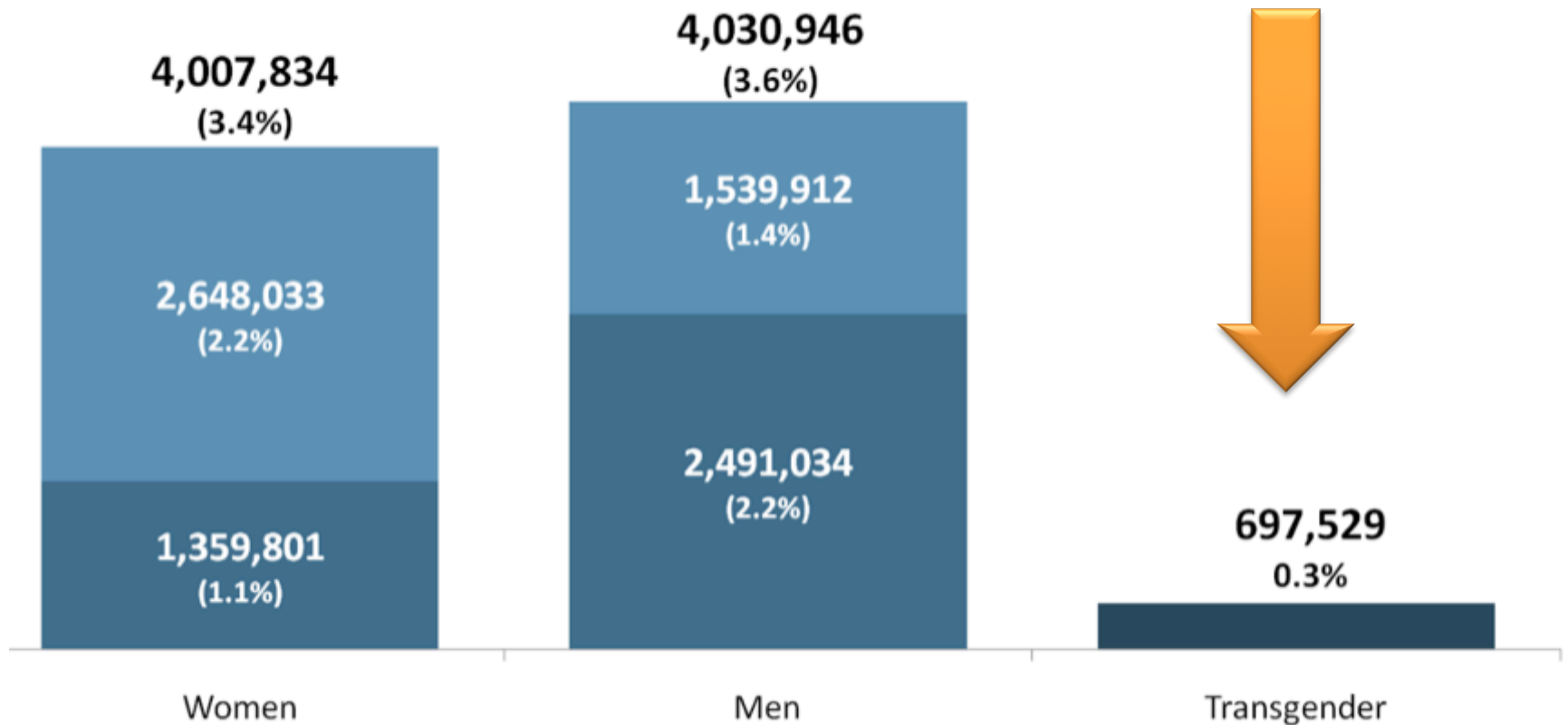
Sweden (Wålinder, 1968, 1971), the United Kingdom (Hoenig & Kenna, 1974), the Netherlands (Bakker, Van Kesteren, Gooren, & Bezemer, 1993; Eklund, Gooren, & Bezemer, 1988; van Kesteren, Gooren, & Megens, 1996), Germany (Weitze & Osburg, 1996), and Belgium (De Cuypere et al., 2007).



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<http://williamsinstitute.law.ucla.edu/wp-content/uploads/Gates-How-Many-People-LGBT-Apr-20>



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How Many Patients?

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Etiology

- Psychological
- Sociological
- Cultural
- Biological
- All of the above...



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Gender identity

Gender Identity describes a person's internal sense or perception of their gender and how they identify

- Examples: male/man, female/woman, transgender, genderfluid, agender
- Identity is different than expression and different than sex assigned at birth
- Gender identity and sexual orientation are different and independent of one another



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Sexual Orientation

Sexual orientation describes a person's romantic, emotional, or sexual attraction to another person or persons

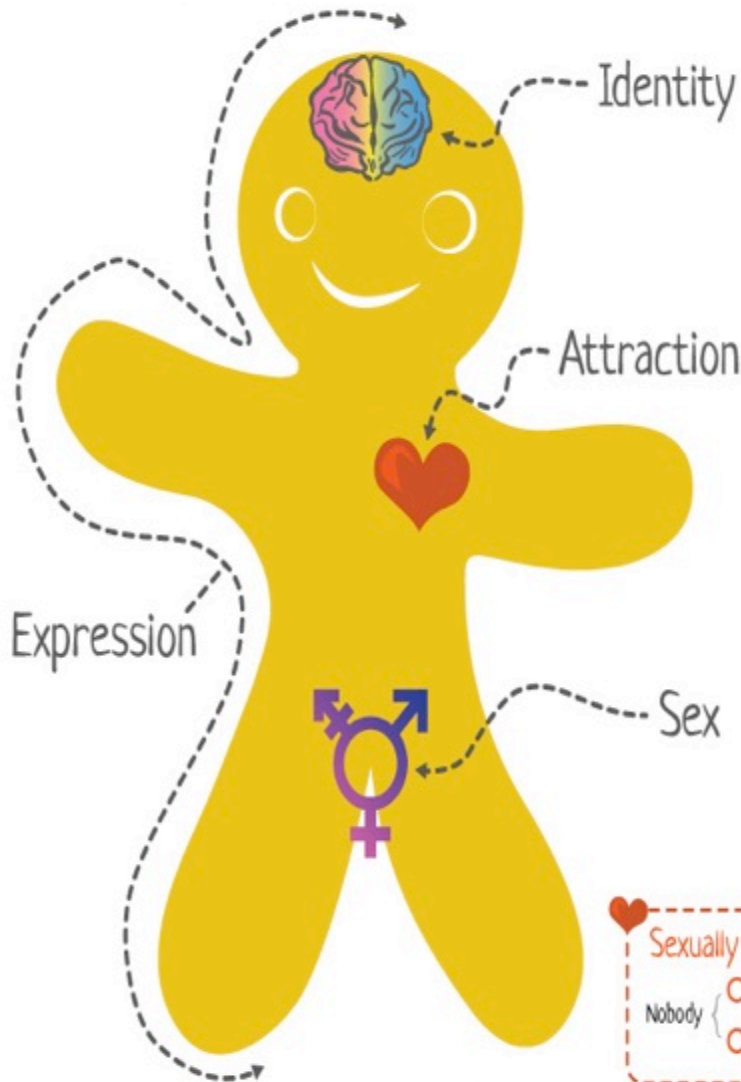
- Examples: lesbian, gay, bisexual, queer, pansexual, polysexual, asexual, demisexual
- Identity, not behavior



The Genderbread Person v3.3

by its pronounced **METROsexual**.com

Gender is one of those things everyone thinks they understand, but most people don't. Like *Inception*. Gender isn't binary. It's not either/or. In many cases it's both/and. A bit of this, a dash of that. This tasty little guide is meant to be an appetizer for gender understanding. It's okay if you're hungry for more. In fact, that's the idea.



Plot a point on both continua in each category to represent your identity; combine all ingredients to form your Genderbread. 4 (of infinite) possible plot and label combos

Gender Identity

Indicates a lack of what's on the right.

Woman-ness

Man-ness

How you, in your head, define your gender, based on how much you align (or don't align) with what you understand to be the options for gender.

Labels: "woman", "man", "two-spirit", "genderqueer"

Gender Expression

Feminine

Masculine

The ways you present gender, through your actions, dress, and demeanor, and how those presentations are interpreted based on gender norms.

Labels: "butch", "femme", "androgynous", "gender neutral"

Biological Sex

Female-ness

Male-ness

The physical sex characteristics you're born with and develop, including genitalia, body shape, voice pitch, body hair, hormones, chromosomes, etc.

Labels: "male", "female", "intersex", "MtF Female"

Sexually Attracted to

Nobody

Women/Females/Femininity

Men/Males/Masculinity

Romantically Attracted to

Nobody

Women/Females/Femininity

Men/Males/Masculinity

In each grouping, circle all that apply to you and plot a point, depicting the aspects of gender toward which you experience attraction.

Treatment of Tuberous Breasts



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Surgical Techniques for The Transmasculine Patient



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Double Incision vs. Keyhole



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Masculoplasty







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Drain Free

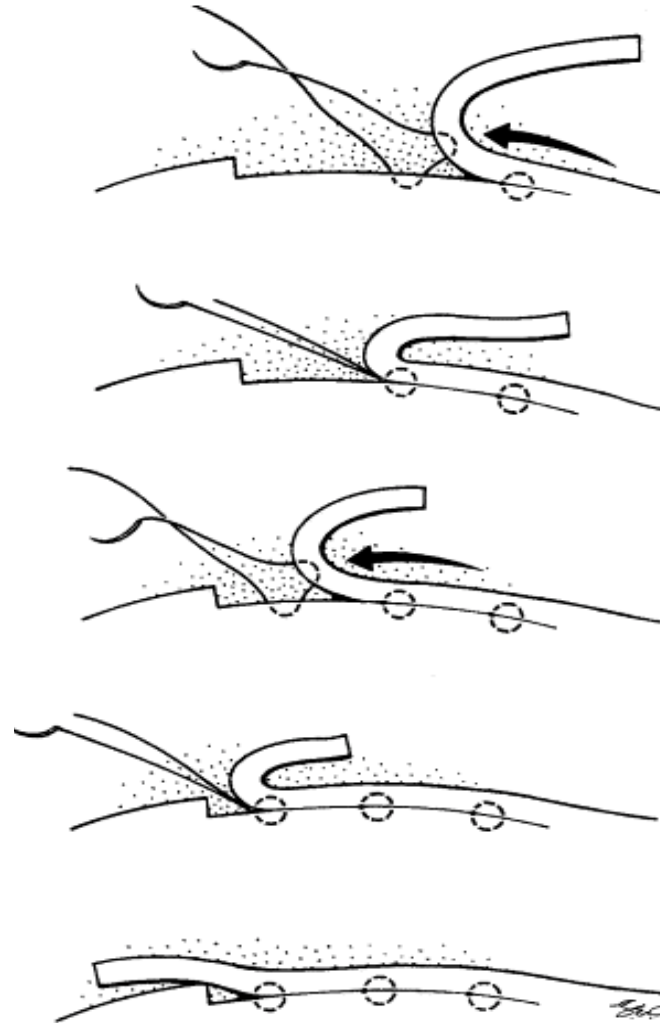


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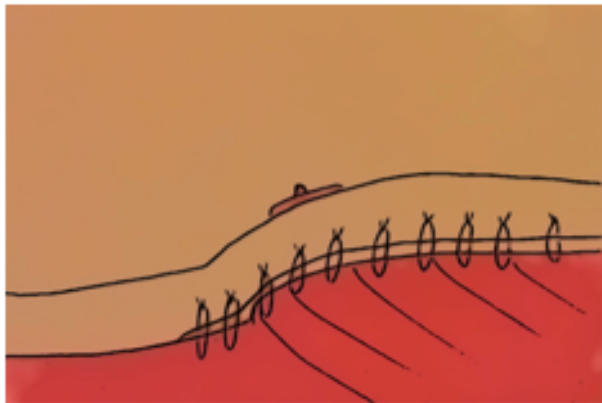
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With Drains



Without Drains



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Masculoplasty

BREAST SURGERY

A Drain-free Technique for Female-to-Male Gender Affirmation Chest Surgery Decreases Morbidity—Outcomes From 306 Consecutive Masculoplasties

21 *Sidhbh Gallagher, MD, Farrah Rahmani, BS, Arielle Russell, BS, and Stephen Duquette, MD*

Purpose: One of the most common surgical procedures for gender affirmation surgery of the chest is mastectomy. The aims of this article are to review the outcomes of a single surgeon's experience with a drainless technique, which we named “masculoplasty” and compare morbidity in this group to previously published outcomes where drains were used.

Methods: A retrospective chart review was undertaken of all patients presenting to a single surgeon for gender-affirming chest surgery. A literature review was

2016.² In our practice, the most commonly performed procedure to achieve masculinization when skin resection is required is a simple mastectomy with free grafting of the reduced, masculinized nipple. Patients undergoing this technique have been previously shown to have the lowest incidence of secondary surgeries.^{3,4}

We present 153 consecutive patients who underwent 306 mastectomies or “masculoplasties” performed with the use of progressive ten-



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Comparison Results

- **Hematoma** 1/306 vs. 39/1334, **p= 0.0036**
- **Acute reoperation** (1/306 vs. 42/1334, **p= 0.0024**).
- There was a shorter length of **hospital stay** in the drain-free group
- **Lower revision rate** (8/306 vs.116/1334, **p=0.0001**) this remained significant when patients with less than 6 months follow up were excluded (8/230 vs. 116/1334 **p=0.0052**).





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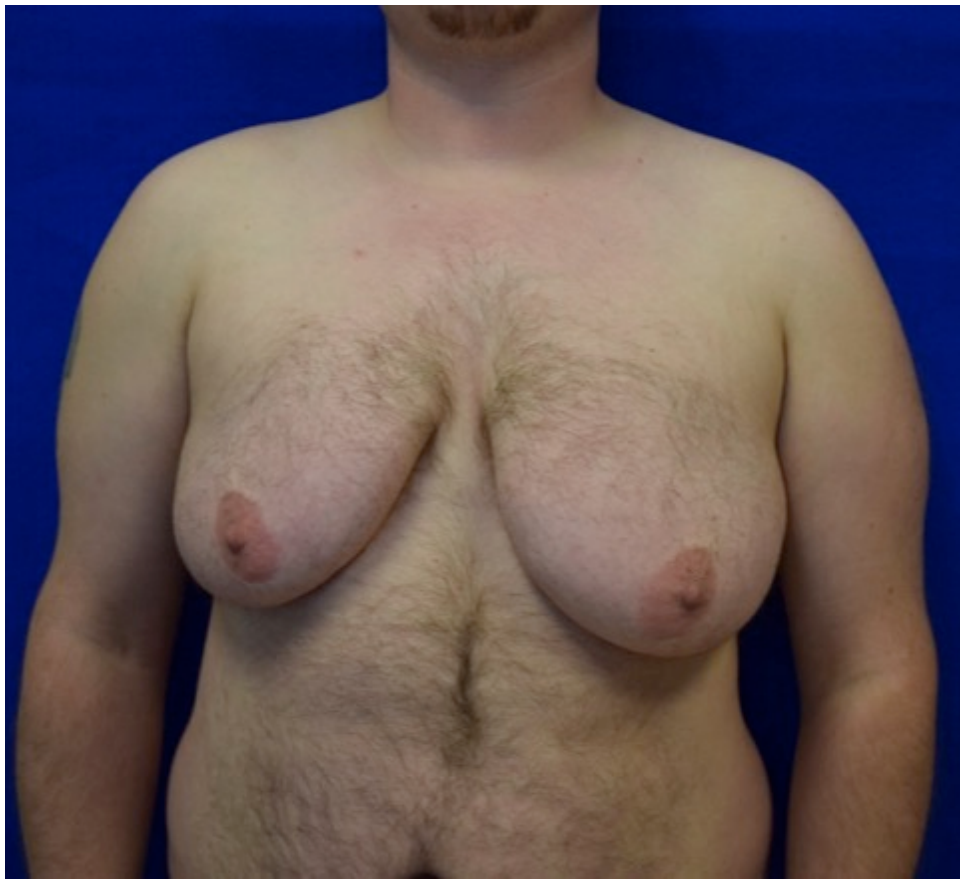
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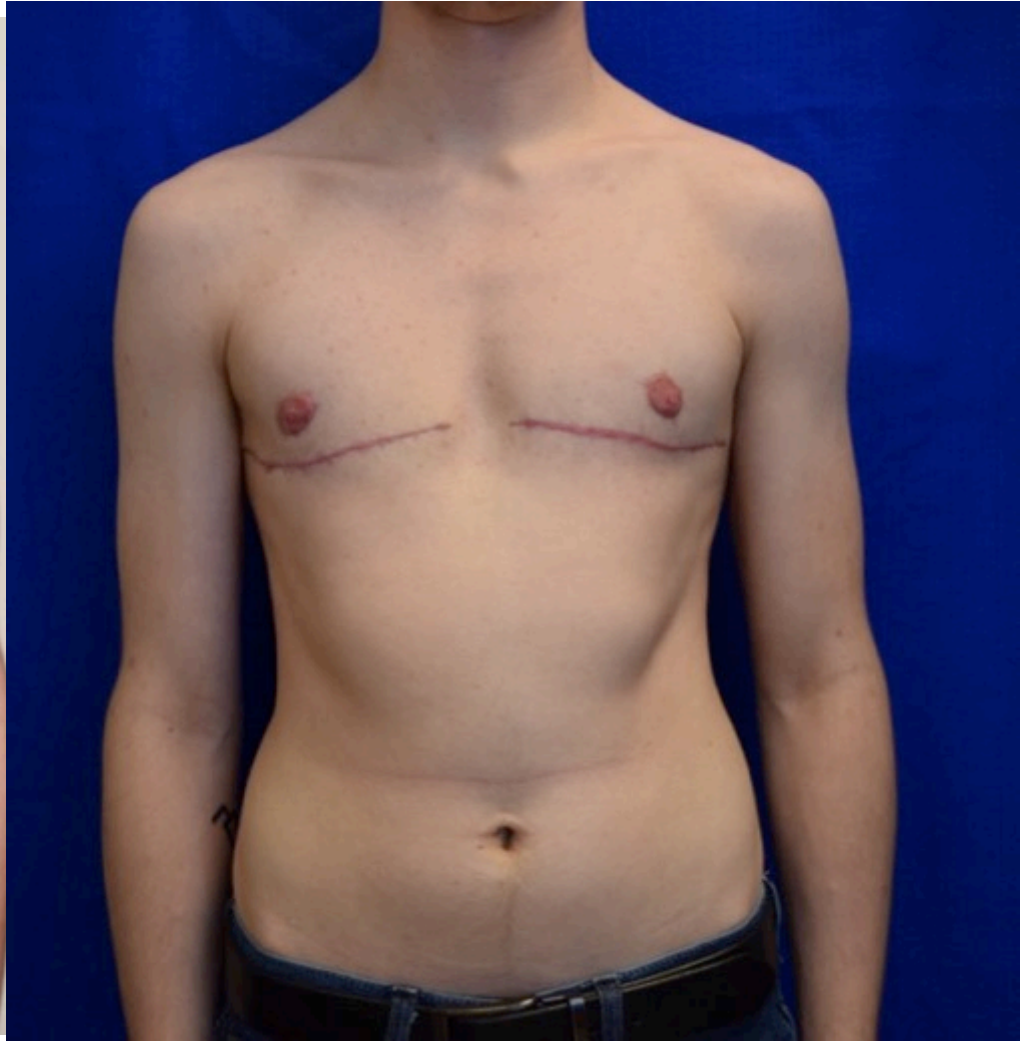
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Masculoplasty for Larger Men



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Double Incision vs. Keyhole



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Hysterectomy and Top Surgery is Possible at the same time!



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Metoidioplasty vs. Free Flap Phalloplasty



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Metoidioplasty → toward male organs

- With or without urethral lengthening
- With or without scrotoplasty
- With or without vaginectomy



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Metoidioplasty vs. Free Flap Phalloplasty



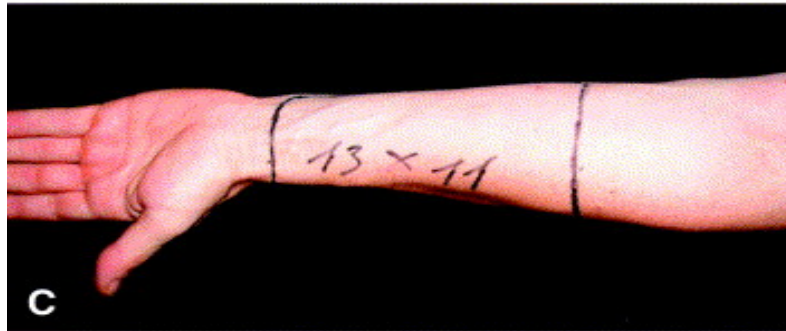
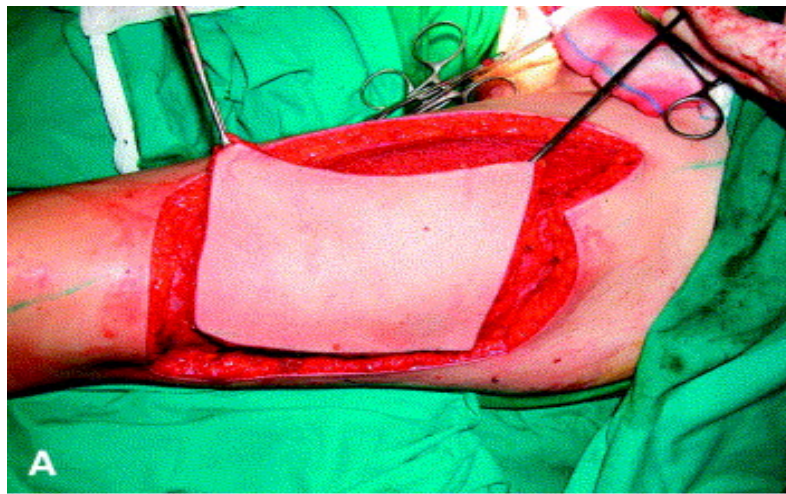
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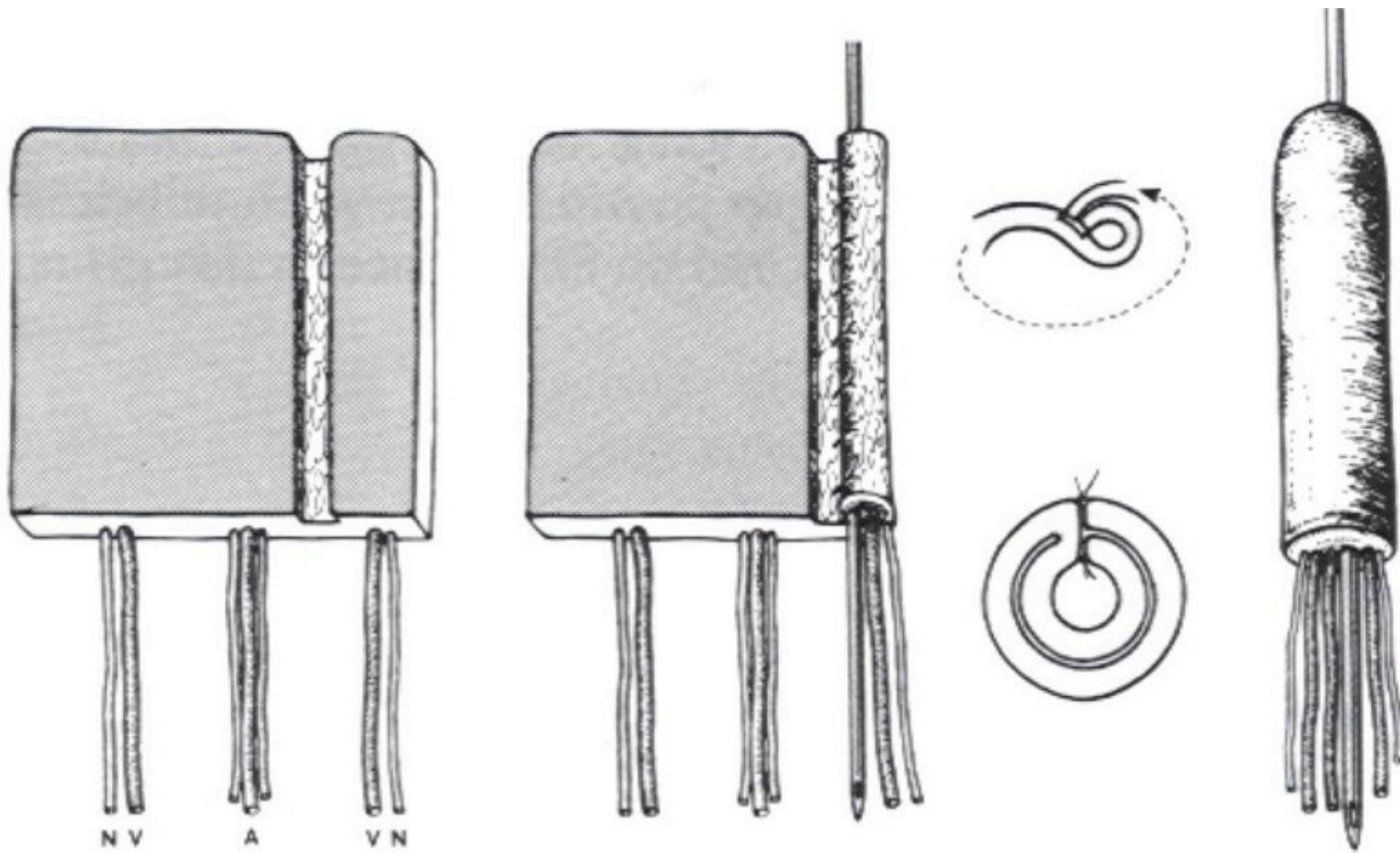




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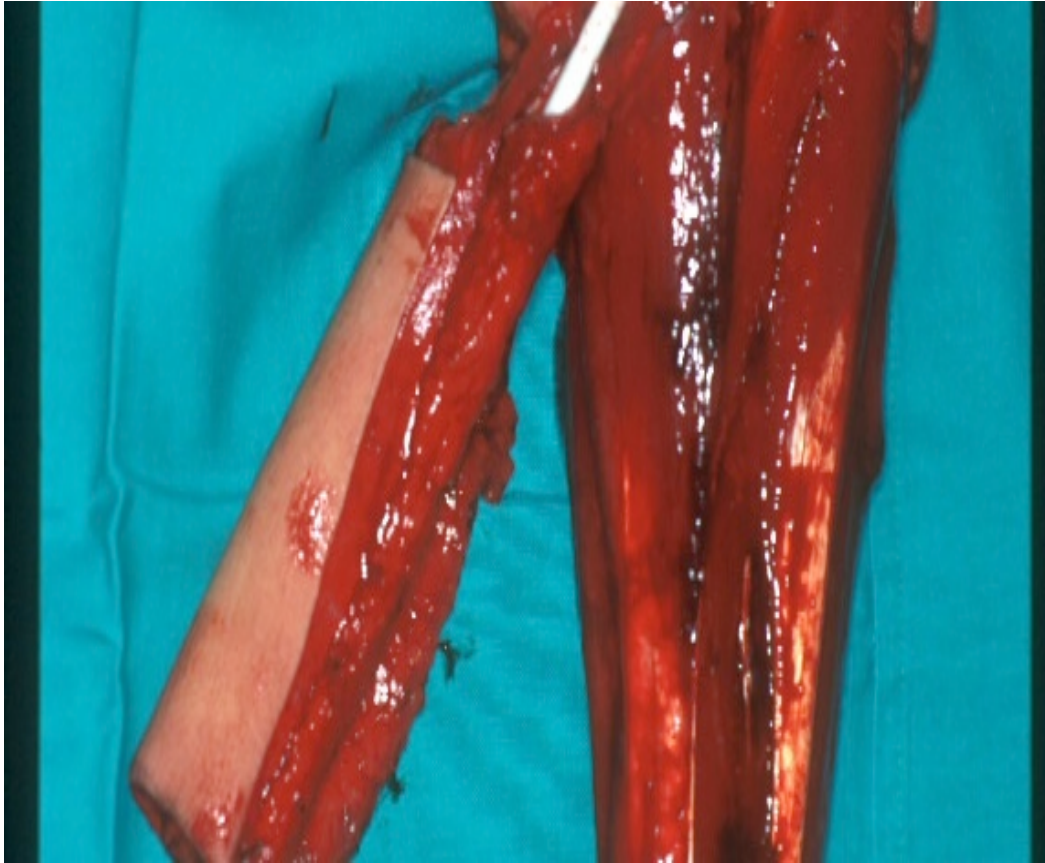
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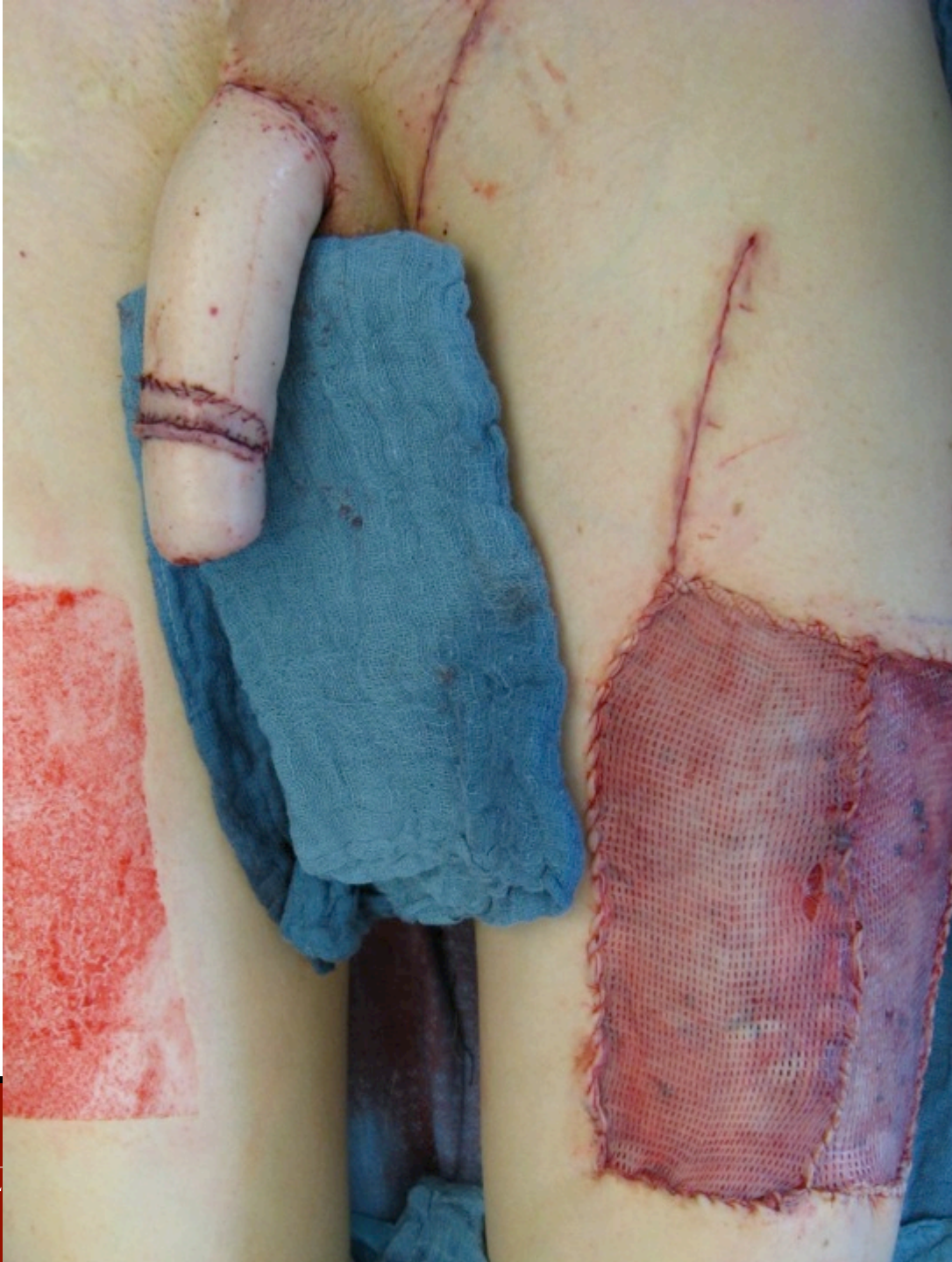
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Working With The Trans* Community



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