

A Single Institution Survey of Patient-Reported Urinary Outcomes after Gender Affirming Genital Surgery

Paige De Rosa¹, Hana-May Eadeh², Bradley Erickson¹, Amy Pearlman¹

Poster Number
10902

University of Iowa Hospitals and Clinics¹, University of Iowa²

Introduction

Limited data exist on patient-reported outcomes following gender affirming genital surgery (GAS)

Aim: To assess psychosocial (depression, anxiety, satisfaction with life, gender dysphoria, social support) and functional outcomes (urinary, sexual health) outcomes of transgender and gender expansive patients after GAS at our institution.

Materials and Methods

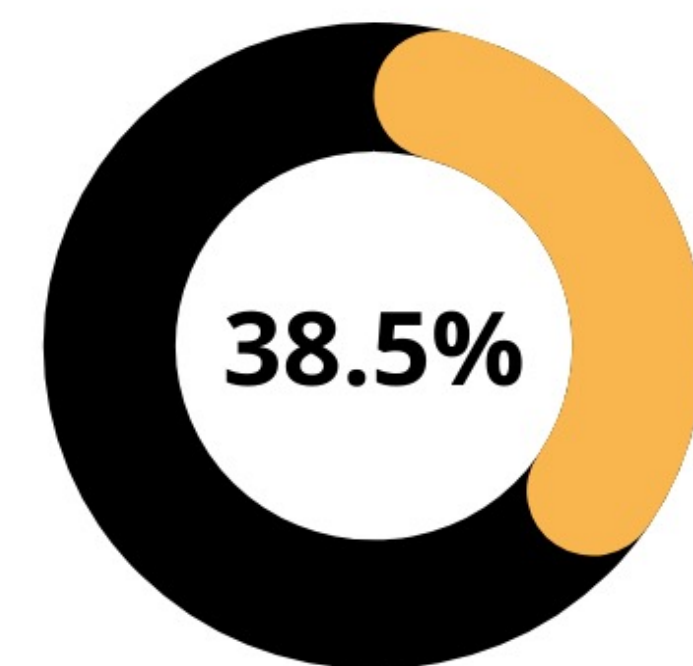
Transgender and gender expansive patients above age 18 who underwent GAS at our institution completed a 3-month post-operative survey assessing functional outcomes.

Results

- 13 completed survey (mean age 43.5, range 24-74).
- 9 and 4 underwent full- and zero-depth vaginoplasty, respectively.
- All were “satisfied” or “very satisfied” with overall outcome
- 61.5% (8) reported no problems with urination
- 38.5% (5) reported problems urinating
 - 80% (4) described “spraying of urinary stream”

Results

- No one reported leakage of urine, weakened stream or pain with urination
- 30.8% (4) reported leaning forward to direct urinary stream
 - 2 found it somewhat bothersome or bothersome
- When asked if they felt they would need a revision surgery to correct a functional aspect:
 - 61.5% (8) “definitely not” or “probably not”
 - 23.1% (3) “unsure”
 - 15.4% (2) “probably”



38.5% report difficulty urinating after surgery



80% of those with difficulty urinating report “spraying of urinary stream”

Conclusions

Most participants were satisfied with the overall outcome of their vaginoplasty. Most reported no concerns about urination after surgery, however urinary spraying or stream deviation was bothersome to some and may impact desire for revision surgery.

Future Directions

We plan to assess functional outcomes at one-year after GAS, analyze pre-operative surveys and continue participant recruitment.

Acknowledgements

We would like to express gratitude to our patients for sharing their experiences with us.

References

Chung PH, Spigner S, Swaminathan V, Teplitsky S, Frasso R. Perspectives and Experiences of Transgender and Non-binary Individuals on Seeking Urological Care. *Urology*. 2021;148:47-52. doi:10.1016/j.urology.2020.10.026.

Hardacker CT, Baccellieri A, Mueller ER, Brubaker L, Hutchins G, Zhang JLY, Hebert-Beirne J. Bladder Health Experiences, Perceptions and Knowledge of Sexual and Gender Minorities. *Int J Environ Res Public Health*. 2019 Aug 30;16(17):3170. doi: 10.3390/ijerph16173170. PMID: 31480302; PMCID: PMC6747507.

Holmberg M, Arver S, Dhejne C. Supporting sexuality and improving sexual function in transgender persons. *Nature Reviews Urology*. 2018;16(2):121-139. doi:10.1038/s41585-018-0108-8.

Obidin-Maliver J, Lisha N, Breyer BN, Subak LL, Huang AJ. More Similarities Than Differences? An Exploratory Analysis Comparing the Sexual Complaints, Sexual Experiences, and Genitourinary Health of Older Sexual Minority and Sexual Majority Adults. *J Sex Med*. 2019 Mar;16(3):347-350. doi: 10.1016/j.jsxm.2019.01.308. PMID: 30846110; PMCID: PMC6556390.