

The Risk of Readmission: Evaluating Complications in Gluteal Implant Patients

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Introduction

- Gluteal augmentations are a popular cosmetic procedure within the field of plastic surgery.¹
- Multiple techniques have emerged such as gluteal implants, synthetic substitution and fat grafting^{2,3}
- While many of these cases occur in the outpatient setting, in the hospital gluteal augmentation is used primarily in reconstruction.⁴

Objectives

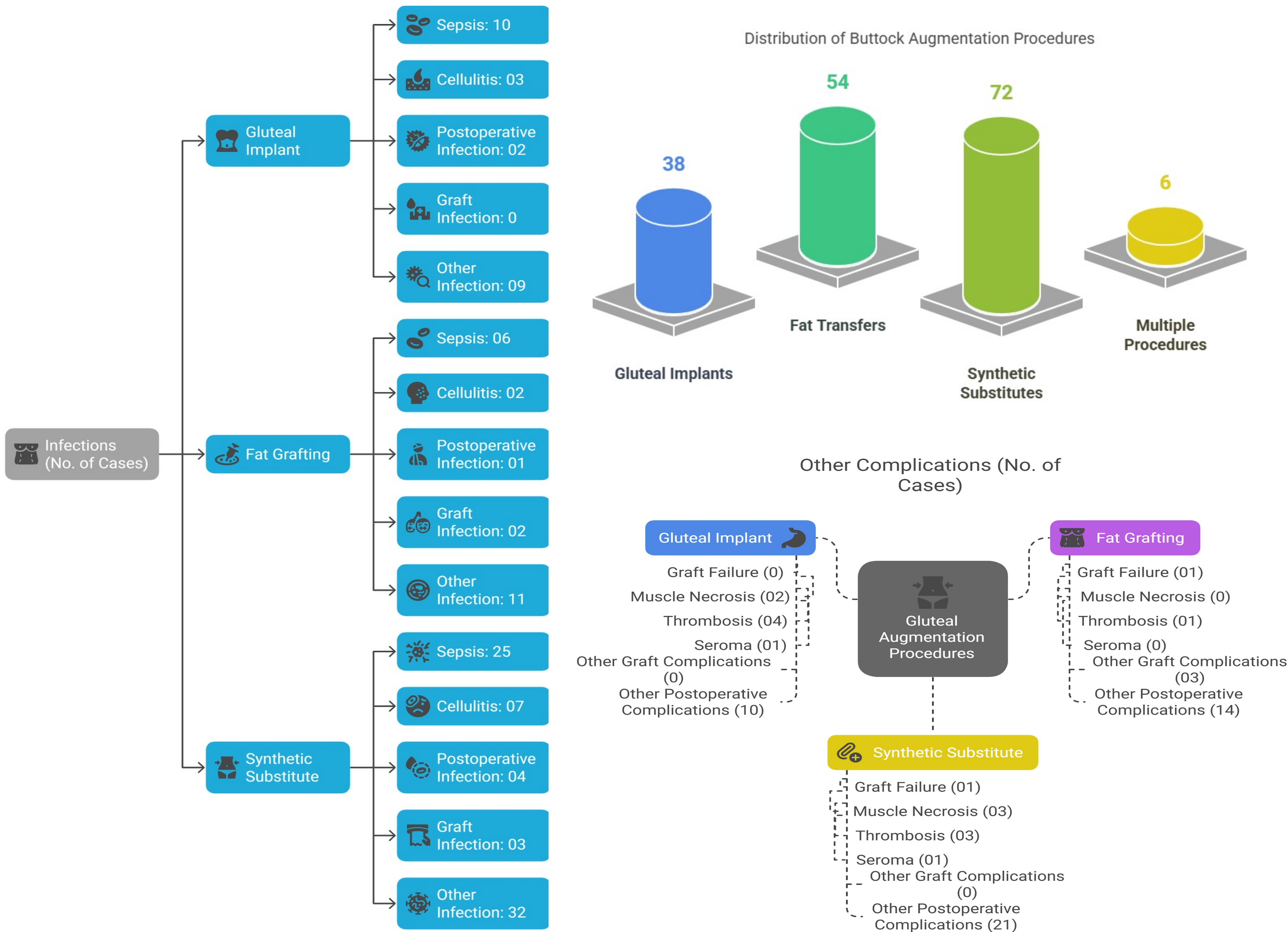
To analyze hospital readmissions following gluteal augmentation procedures by characterizing complication types and rates, and to compare the complication burden across gluteal implants, fat transfers, and synthetic substitutes using data from the Nationwide Readmission Database (2017–2020).

Methods

- The nationwide readmission database (NRD) was queried from 2017-2020 using ICD10 codes for gluteal implants, gluteal fat transfers, and synthetic gluteal substitutes.
- Descriptive statistics were performed to determine most common complications.

Results

A total of 158 patients (mean age 51.9y +/-16, 48.1% female and 51.9% male) were reviewed



Conclusion

- The population studied shows details of complications after gluteal augmentation with infection as leading complication (75%).
- It is unknown whether these patients received their augmentation in the hospital or private practice.
- Future studies should focus on complication screening in private practice and hospitals to provide patients with a more accurate safety profile.

References

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