Trends in revisional bariatric surgery at a single MBSAQIP accredited academic medical center

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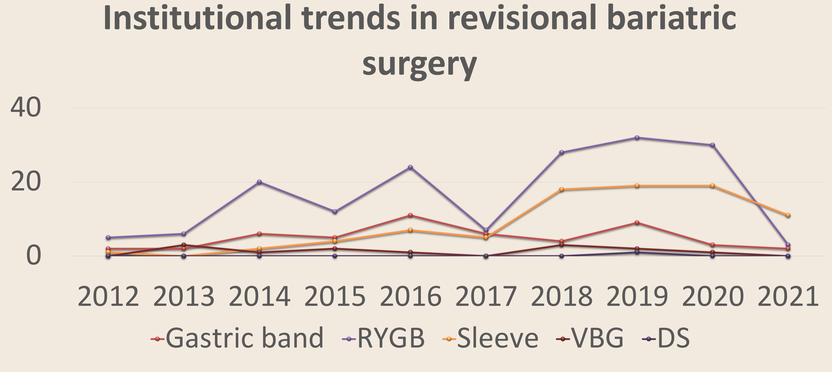
Background

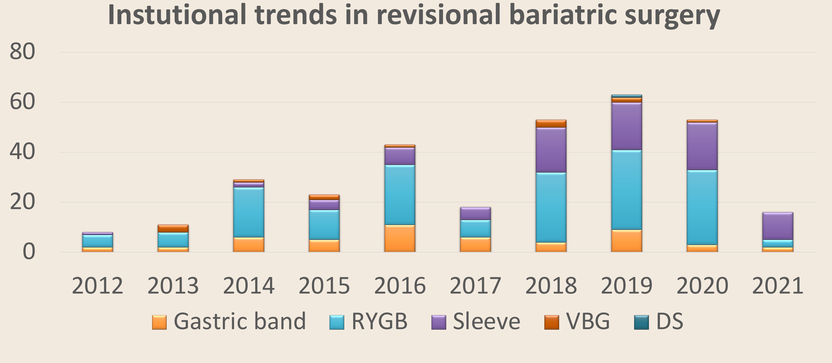
- prevalence of morbid obesity continues to increase in the US
- Revisional procedures are currently the third most common form of bariatric surgery after sleeve gastrectomy (SG) and gastric bypass (GB)
- Large databases such as MBSAQIP and other national registries repot the incidence of revisional procedures, but do not provide granular data.
- Over the past 10 years, more patients are undergoing SG, and gastric band has fallen out of favor. We hypothesize that more revisional procedures are being performed for patients who underwent SG.

Study Design

- Retrospective analysis was performed on an institutional data registry of patients who underwent a bariatric procedure that was not listed as an index bariatric operation between 2012 – 2022. Two full time bariatric surgeons performed the procedures at this institution.

Results





- Between 2012-2021, 317 patients required re-operations after bariatric surgery at this institution. In 2020, re-operation for patients that underwent RYGB was the most common index bariatric procedure constituting 57% (n=30) of revision cases, followed by SG, which accounted for 36% (n=19).

Conclusions

- Re-operation after gastric band is decreasing in frequency, while re-operation after SG and GB to another bariatric procedure are increasing over time.
- These trends must be observed and patients should be appropriately counseled regarding possible need for re-operation after SG and GB.
- There was a decrease in revisional surgery volume in 2021 due to COVID pandemic and staffing shortages.

References

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