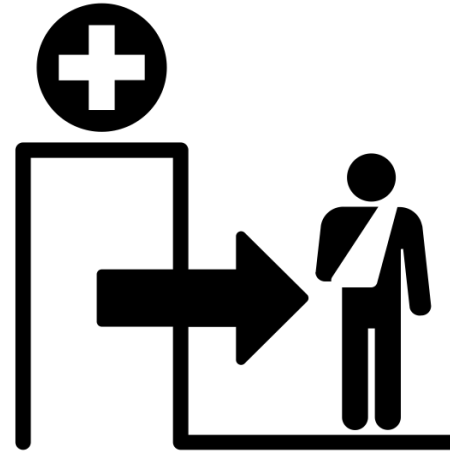
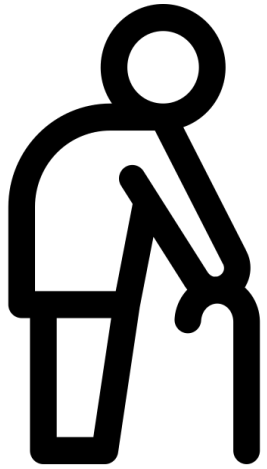


Prevalence and Outcomes of Same Day Discharge after Metabolic and Bariatric Surgery in Patients >65 Years Old

Safraz A. Hamid, MD; Elena Graetz, PhD; Eric Schneider, PhD; Karen E. Gibbs, MD





The efficacy and safety of MBS extends to adults >65 years.

There has been increasing use of MBS in this population.

There is increasing interest in same day discharge (SDD).

SDD is safe, but selection criteria are not standardized.

The prevalence and safety profile of SDD after MBS in adults >65 is unclear.

Retrospective cohort study using the MBSAQIP database, 2015 to 2022

Older than 65 years, primary laparoscopic sleeve gastrectomy or Roux-en-Y gastric bypass

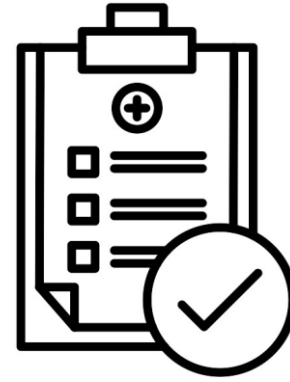
Stratified by discharge day: SDD, POD1, POD2, POD3, POD4+

Preoperative comorbidities and 30-day reoperation, intervention, readmission, and ED visit.



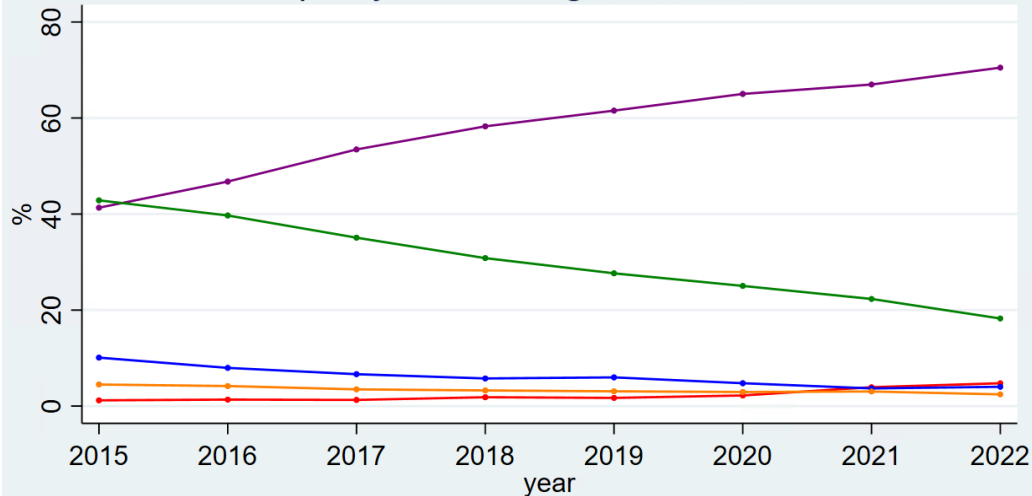


58,587 patients, 71.0% VSG
71.8% female
Median age 68 years (IQR 4)
Median BMI 42 (IQR 8)



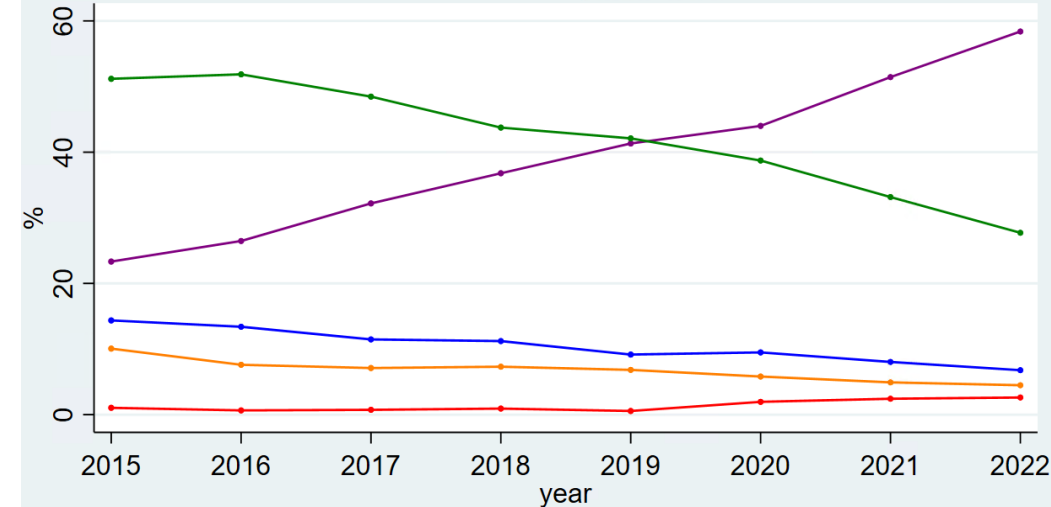
Overall, 1.98% of patients underwent SDD
52.7% were discharged on POD1, 33.7% on POD2

Postop day of discharge 2015-2022, VSG



- Same Day
- Day 1
- Day 2
- Day 3
- Day 4+

Postop day of discharge 2015-2022, RYGB



Diabetes



SDD 14.2%

POD1 15.5%

POD2 20.4%

POD3 23.2%

POD4+ 26.1%

p<0.001

COPD



SDD 3.2%

POD1 4.7%

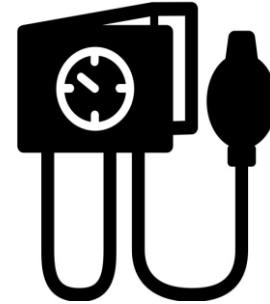
POD2 5.7%

POD3 7.2%

POD4+ 9.6%

p<0.001

Hypertension



SDD 77.7%

POD1 82.0%

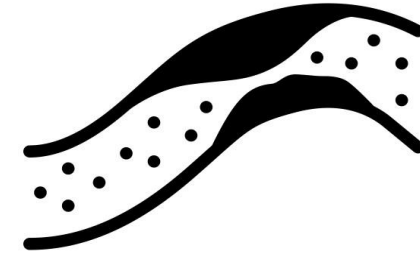
POD2 83.3%

POD3 84.5%

POD4+ 86.1%

p<0.001

Hyperlipidemia



SDD 58.7%

POD1 59.0%

POD2 60.1%

POD3 61.0%

POD4+ 63.5%

p<0.001

On multivariate analysis, there were no significant associations between SDD and odds of **30-day readmission, reoperation, unplanned ICU admissions, or ED visits** compared to patients discharged on POD1 (p>0.05).

Over the 8-year study period, there was a modest increase in the number of SDD among adults >65 years.



Adults >65 years discharged the same day have fewer cardiopulmonary comorbidities than those who are hospitalized.

SDD was not associated with more postoperative events, but further study is needed.



Thank You



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