Cholecystectomy rate following bariatric surgery is unaffected by Ursadiol utilization

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Background

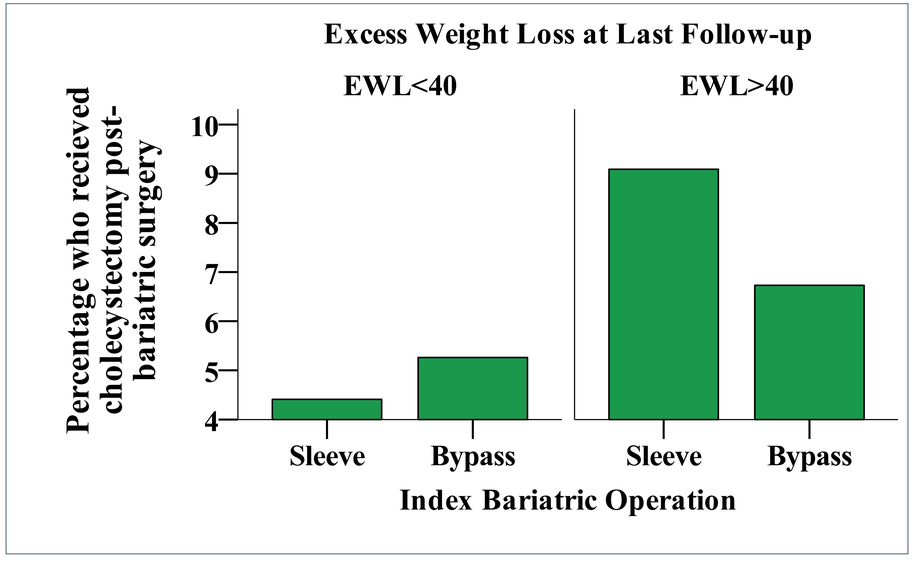
- Gallbladder disease is common after bariatric surgery, with a prevalence of 25-30%
- Ursodiol is often used post-operatively to help prevent gallstone formation
- We do not routinely use Ursodiol and therefore wanted to compare our cholecystectomy rates after bariatric surgery to the general bariatric population

Methods

- Single Institution, retrospective chart-review of all patients who underwent bariatric surgery between June 2020-May 2022
- Excluded patients who underwent concurrent or previous cholecystectomy
- Data analyzed included type of bariatric surgery, BMI, and % excess weight loss
- Outcome of interest was post-op cholecystectomy rate in the different sub-groups

		Post-operative cholecystectomy (25)	No Cholecystectomy (337)	p-value
BMI		43	45	0.090
Surgery	Sleeve	17 (**7.3**%)	215 (92.7%)	0.673
	RXYGB	8 (**6.2**%)	122 (93.8%)	
% Excess Weight loss		62	55	0.184

Table1: Results



Results

- 488 charts reviewed and 126 patients were excluded
- Of the 362 remaining patients, 25 underwent a cholecystectomy in the first 1-2 years
- No correlation was found between post-operative cholecystectomies and type of surgery, pre-operative BMI, or percent excess weight loss

Conclusion

- We observed a 6.9% post op cholecystectomy rate
- This is comparable to the reported cholecystectomy rate of 7.8% following bariatric surgery
- We do not believe that the use of Ursodiol post-operatively prevents increased rate of cholecystectomies