

A vertical strip on the left side of the slide shows a colorful, artistic illustration of a European city square. It features a large, multi-tiered fountain in the center, a statue on a column, and several historic buildings with intricate facades and arched windows. People are depicted walking around the square.

Risk–benefit balance of simultaneous Gastric Bypass or Sleeve gastrectomy and concomitant cholecystectomy: A comprehensive nationwide cohort of 289.627 patients

JACQMIN G., MARCINIAK C., LENNE X., BRUANDET A., HAMROUN A.,
GENIN M., BAUD G., THEIS D., PATTOU F., CAIAZZO R.

Lille University Hospital

Background

Gallstones in obesity and weight loss

Serge Erlinger

European Journal of Gastroenterology & Hepatology 2000, 12:1347–1352

The prevalence of cholesterol gallstones is increased in obese persons. The risk is especially high in those with the highest body mass index (relative risk 5–6). Weight loss further increases the risk of gallstones: the prevalence of new gallstones reaches 10–12% after 8–16 weeks of low-calorie diet and more than 30% within 12–18 months after gastric by-pass surgery. About one-third of the stones are symptomatic. The increased prevalence of stones is mostly

Gallstone Formation During Weight-Reduction Dieting

Rodger A. Liddle, MD; Ruth B. Goldstein, MD; Joan Saxton, MD

Arch Intern Med—Vol 149, August 1989

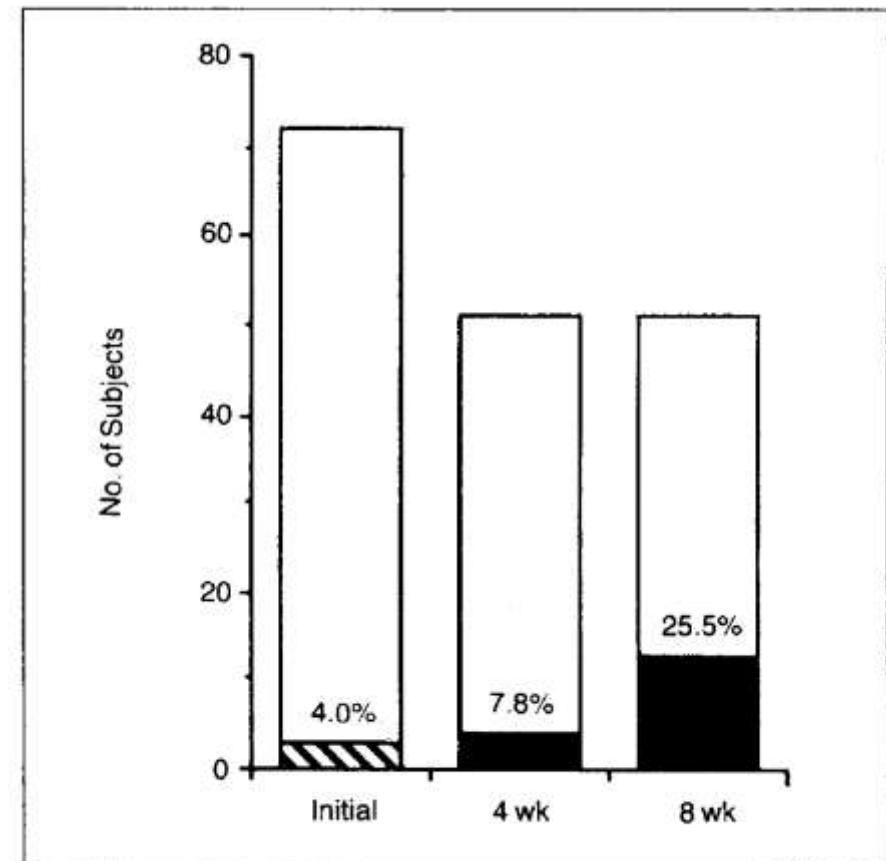


Fig 1.—Gallstone formation in relation to duration of dieting.



Background

Are Concomitant Operations During Bariatric Surgery Safe? An Analysis of the MBSAQIP Database

Benjamin Clapp¹  · Isaac Lee¹ · Evan Liggett¹ · Michael Cutshall¹ · Bryson Tudor¹ · Grishma Pradhan¹ · Katherine Aguirre¹ · Alan Tyroch¹

VS

Original article

Management of gallstone disease prior to and after metabolic surgery: a single-center observational study

Amanda S. Dirnberger^a, Romano Schneider, Dr. med.^a, Marc Slawik, Dr. med.^b,
Katja Linke, Dr. med.^a, Marko Kraljević, Dr. med.^a, Bettina Wölnerhanssen, P.D. Dr. med.^c,
Ralph Peterli, Dr. med.^{a,*}



Background

Original article

2022 American Society for Metabolic and Bariatric Surgery (ASMBS) and International Federation for the Surgery of Obesity and Metabolic Disorders (IFSO): Indications for Metabolic and Bariatric Surgery

Dan Eisenberg, M.D.^{a,*}, Scott A. Shikora, M.D.^b, Edo Aarts, M.D., Ph.D.^c,
Ali Aminian, M.D.^d, Luigi Angrisani, M.D.^e, Ricardo V. Cohen, M.D., Ph.D.^f,
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Mary O’Kane, M.Sc., R.D.^p, Pavlos K. Papasavas, M.D.^q, Jaime Ponce, M.D.^r,
Janey S. A. Pratt, M.D.^{s,t}, Ann M. Rogers, M.D.^t, Kimberley E. Steele, M.D., Ph.D.^u,
Michel Suter, M.D.^{v,w}, Sharu N. Kothari, M.D.^x

Extremes of age

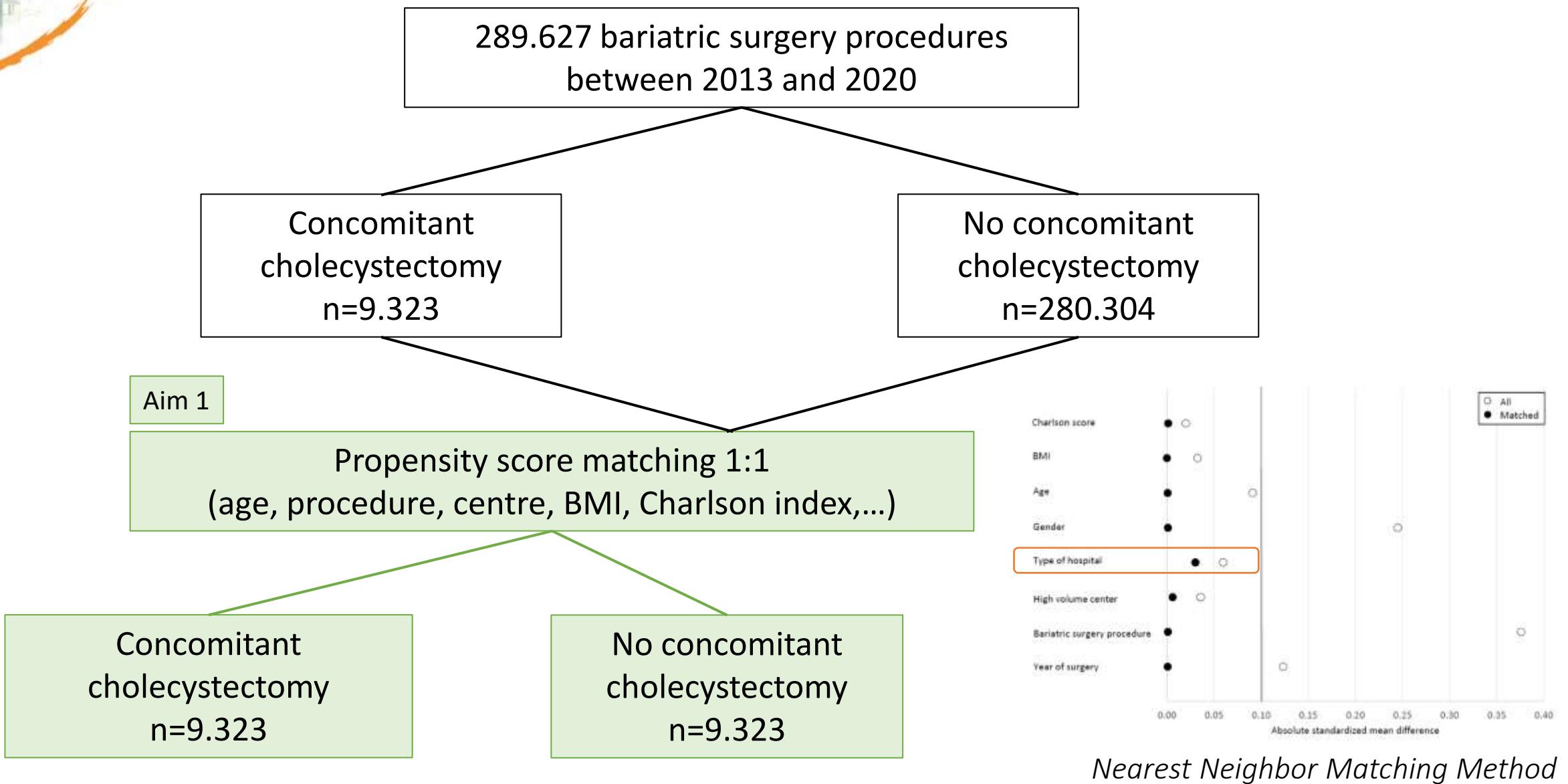
Bridge to other treatment

MBS in the high-risk patient

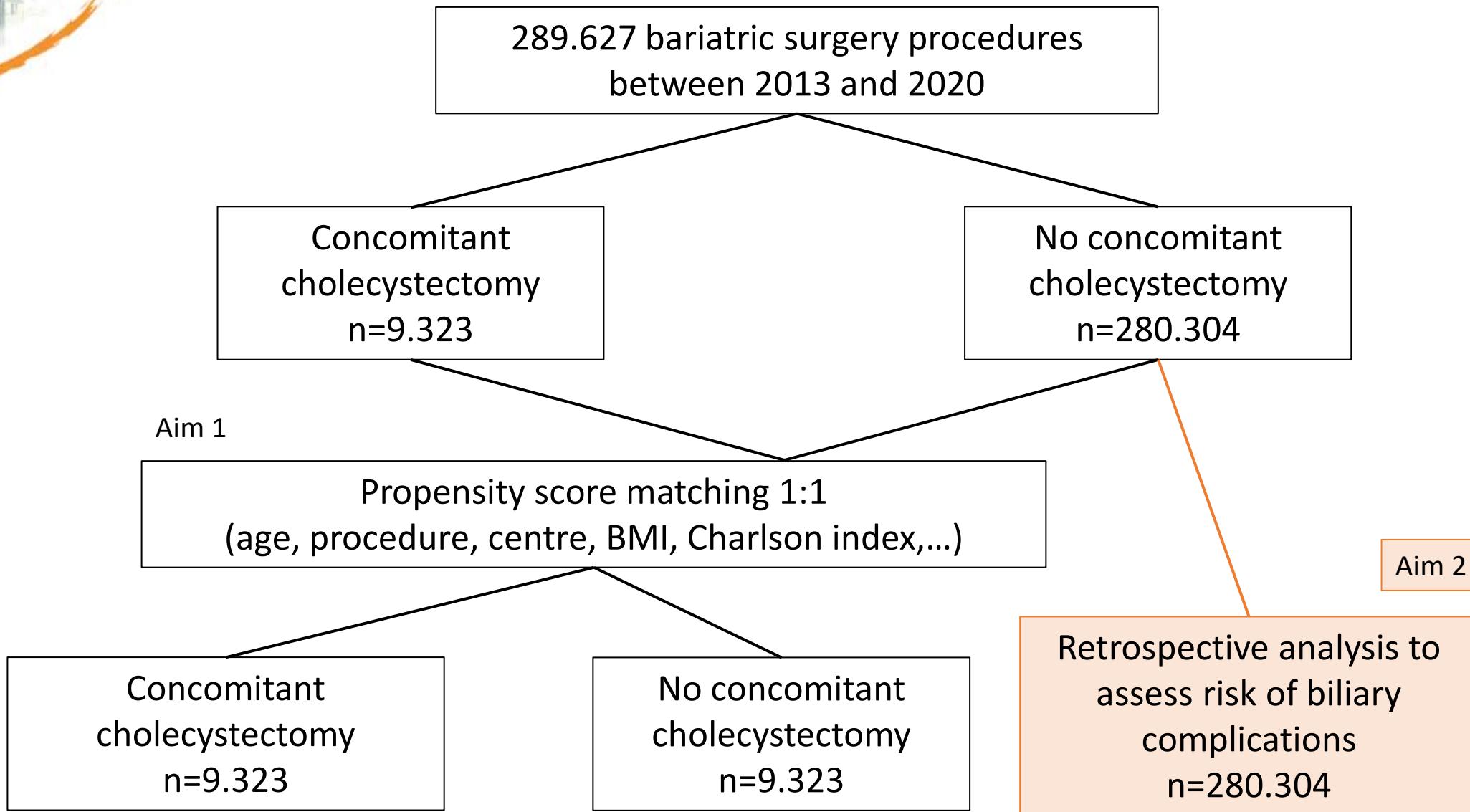
Criteria for surgery

Outcomes

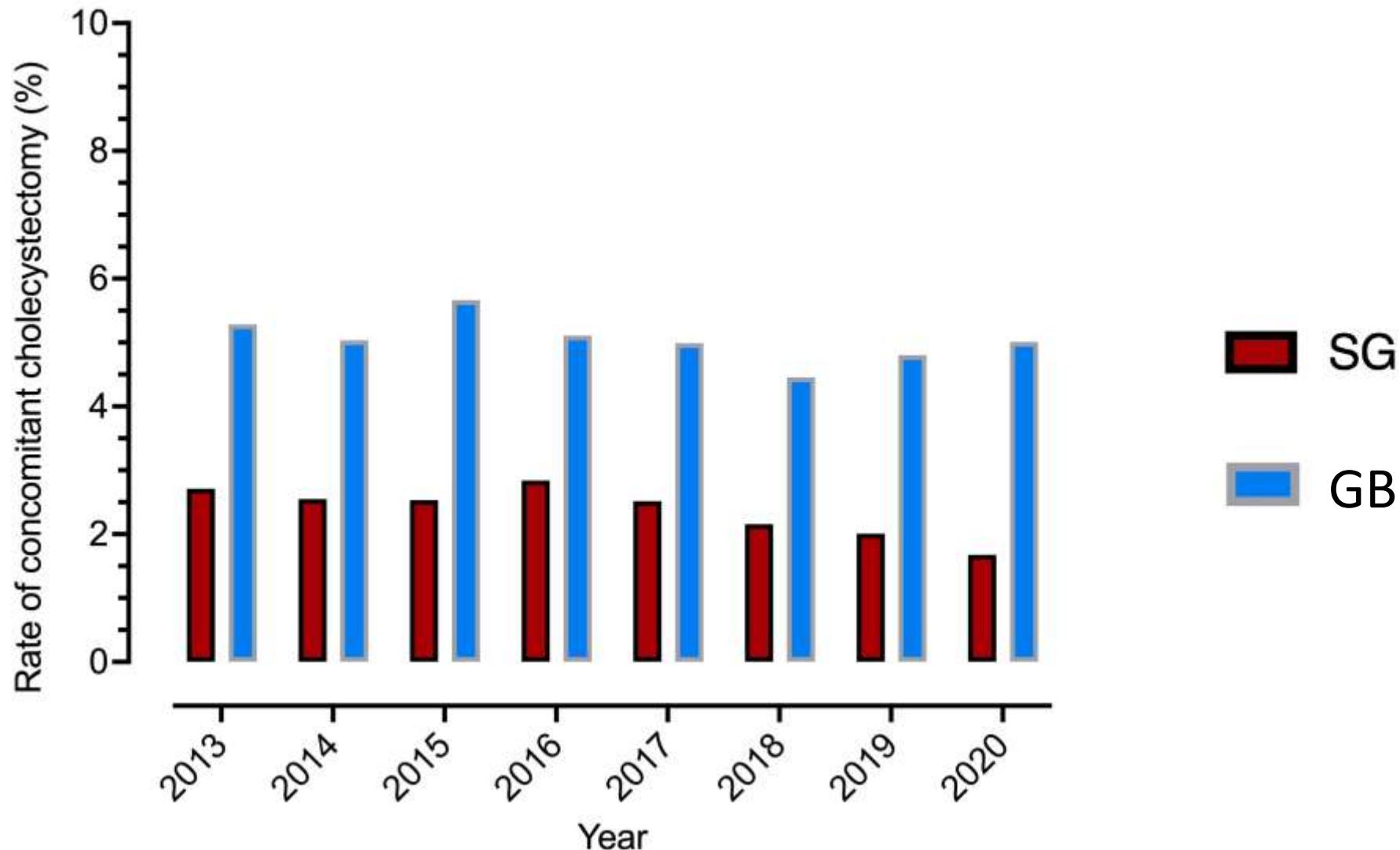
Methods



Methods



Results





Results

90-day post-op complications

	MBS n=9,323	MBS + CC n=9,323	p-value
All types of complication n(%)	601 6.5%	768 8.2%	+ 1.7% p<0.001
Death	5 0.1%	7 0.1%	p = 0.564
ICU stay	240 2.6%	312 3.3%	p < 0.001
Peritonitis	123 1.3%	149 1.6%	p = 0.112
Bleeding	138 1.5%	207 2.2%	p < 0.001
Biliary fistula	2 0.0%	27 0.3%	p < 0.001
Occlusion	20 0.2%	23 0.2%	p = 0.647
7-day reintervention	159 1.7%	244 2.6%	p < 0.001



Results

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Results

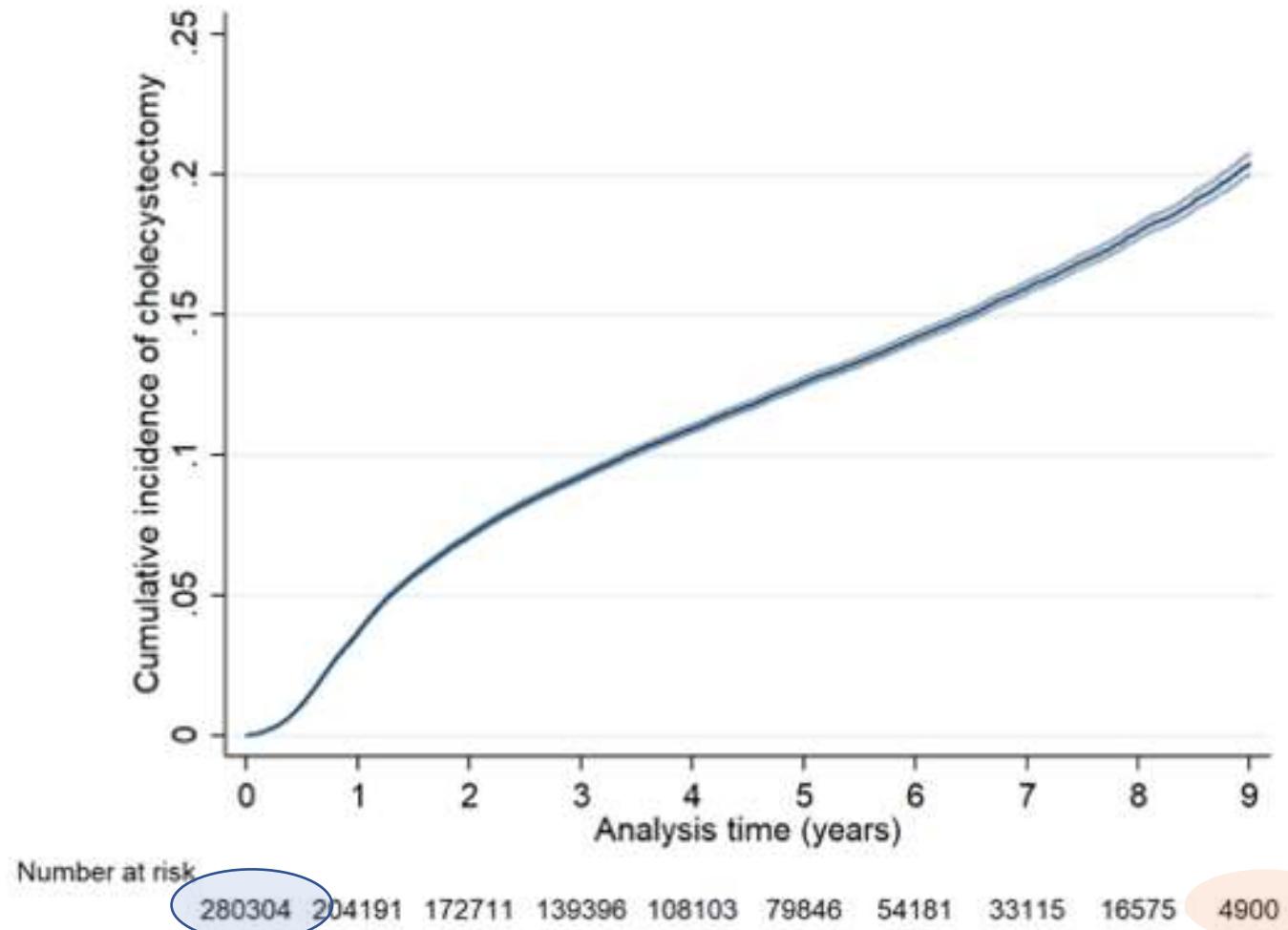
90-day post-op complications

	NO	YES	%
	n	n	
Symptomatic cholecystolithiasis	6 790	621	8.4%
Acute Cholecystitis	308	28	8.3%
Prophylactic	1.326	119	8.2%
MBS only	8.722	601	6.4%
Total	17.146	1.369	7.4%

$p<0.001$

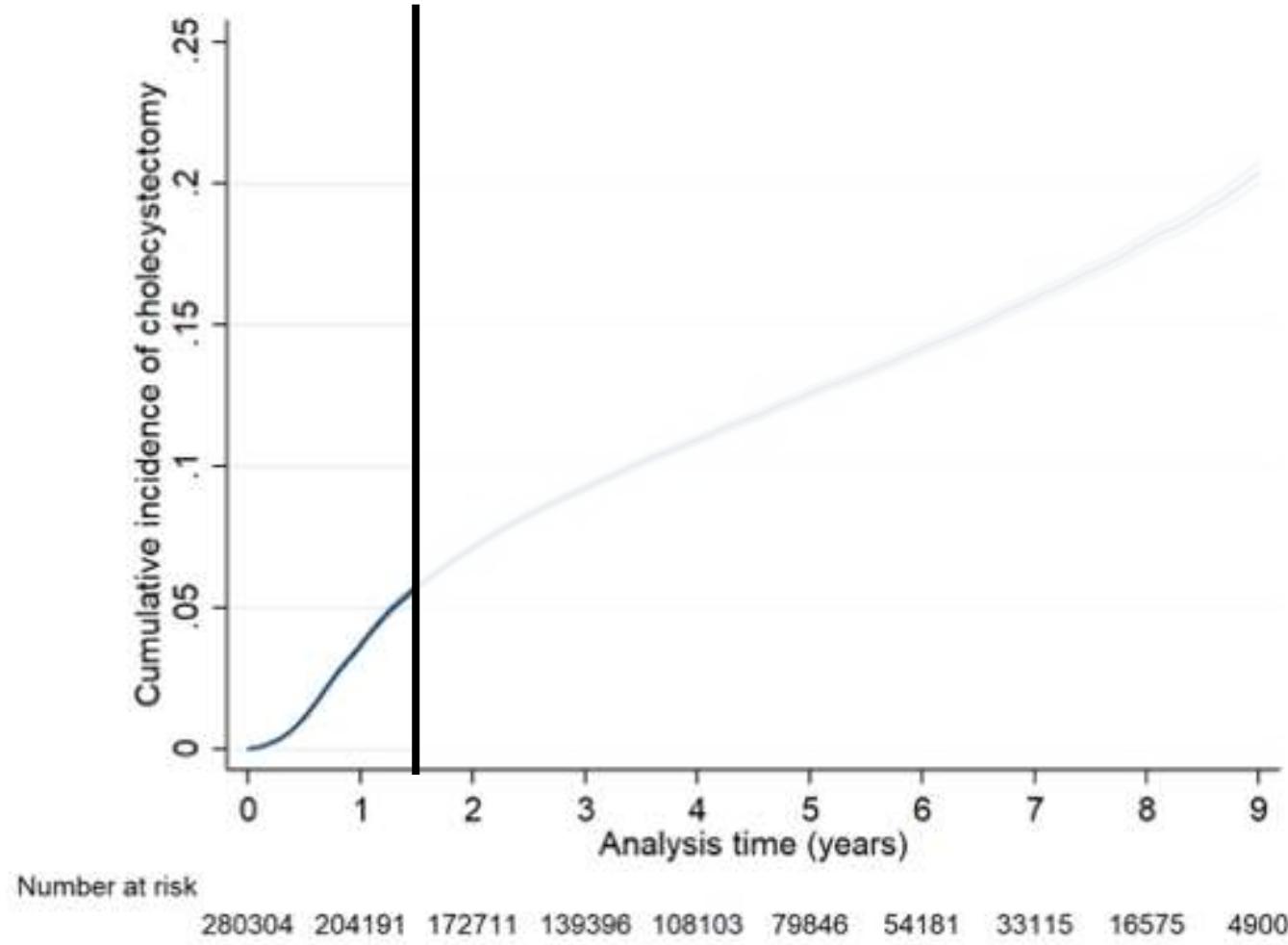
$p=0.011$

Results



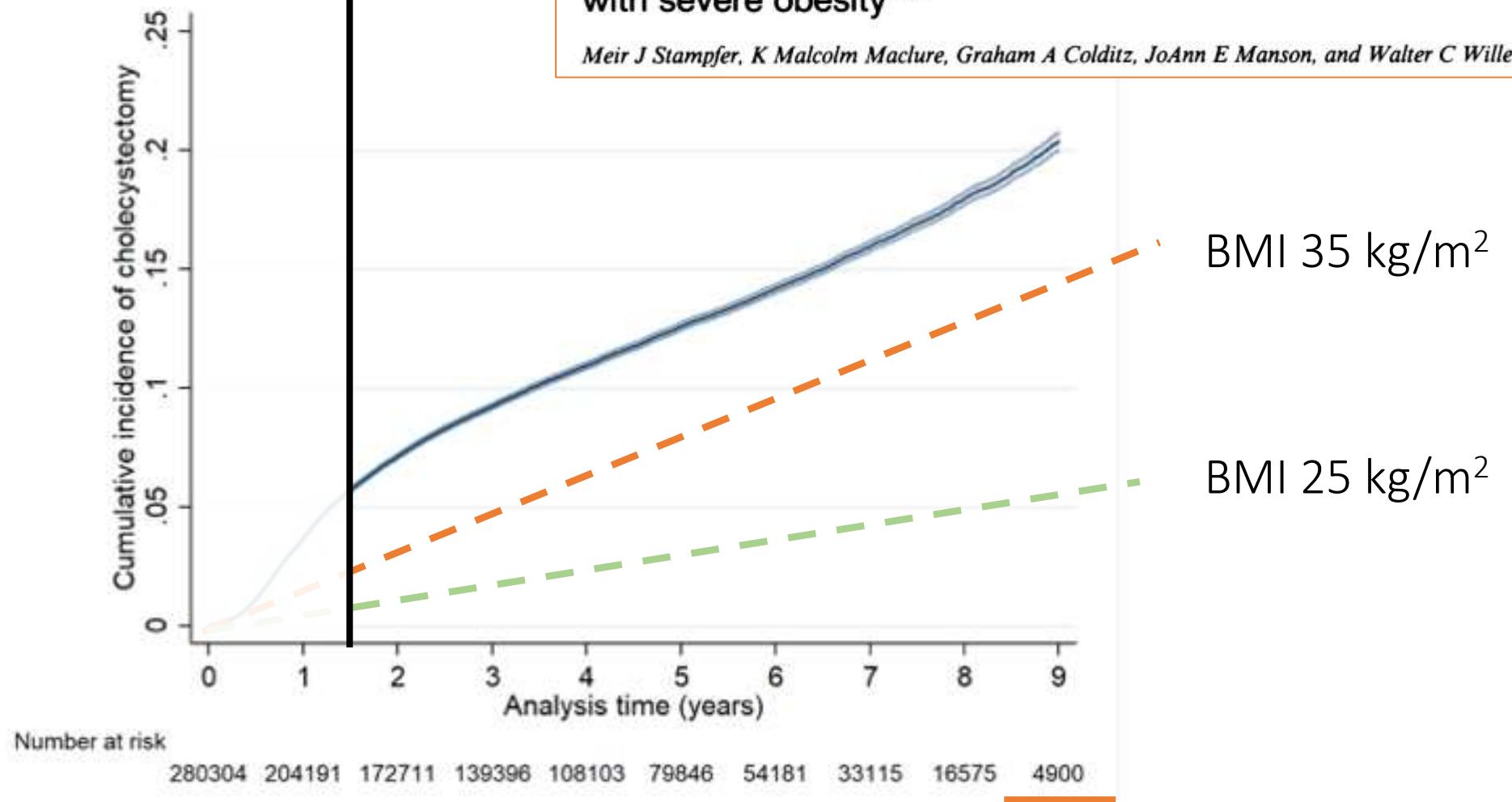
Results

Weight Loss



Symptomatic cholelithiasis	82.9%
Acute cholecystitis	12.2%
Main bile duct lithiasis <i>including sepsis</i>	2.6% 5.0%
Pancreatitis	1.9%

Results





Conclusions

- More complications after MBS w/ cholecystectomy
- Few biliary complications in the long term
- No data support concomitant cholecystectomy



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