



XXXII CONGRESSO
NAZIONALE SICOB

23 - 25 MAGGIO 2024
GIARDINI
NAXOS



Linee guida endoscopiche

MATTEO MONAMI
AOU-CAREGGI- FIRENZE

Conflitti di interessi

Negli ultimi due anni, M. Monami ha ricevuto:

compensi per relazioni a corsi/convegni da **Sanofi e Zuccato srl**

compensi da agenzie in simposi sponsorizzati da **Boehringer Ingelheim, Eli Lilly, Mundipharma, Novo Nordisk, Sanofi e Takeda**

AGREE (Appraisal of Guidelines for Research and Evaluation) - II

DOMAIN 1: SCOPE AND PURPOSE

Upcoming Italian Clinical Practice Guidelines on Endobariatric Treatment of Overweight and Obesity: Design and Methodological Aspects.

Maurizio de Luca¹, Antonio Silverii², Rosario Bellini³, Maria Grazia Carbonelli⁴, Rita Cataldo⁵, Maria Rosaria Cerbone⁶, Marco Chianelli⁷, Francesca Clemente Gregoris⁸, Rita Conigliaro⁹, Carla Micaela Cuttica¹⁰, Carlo de Werra¹¹, Massimo Di Simone¹², Ludovico Docimo¹³, Giuseppe Gagliardi¹⁴, Giovanni Galasso¹⁵, Giuseppe Galloro¹⁶, Arianna Goracci¹⁷, Valentina Lorenzoni¹⁸, Raffaele Manta¹⁹, Paolo Marzullo²⁰, Gerardo Medea²¹, Giuseppe Navarra²², Monica Ortenzi²³, Barbara Paolini²⁴, Luigi Piazza²⁵, Debora Porri²⁶, Farnaz Rahimi²⁷, Simone Rugolotto²⁸, Giovanni Sarnelli²⁹, Luca Sessa³⁰, Iris Zani³¹, Marco Antonio Zappa³², Giulia Bandini³³, Benedetta Ragghianti², Matteo Monami², and the Panel of the Italian Guidelines for the Endobariatric Treatment of Obesity.

AGREE (Appraisal of Guidelines for Research and Evaluation) - II

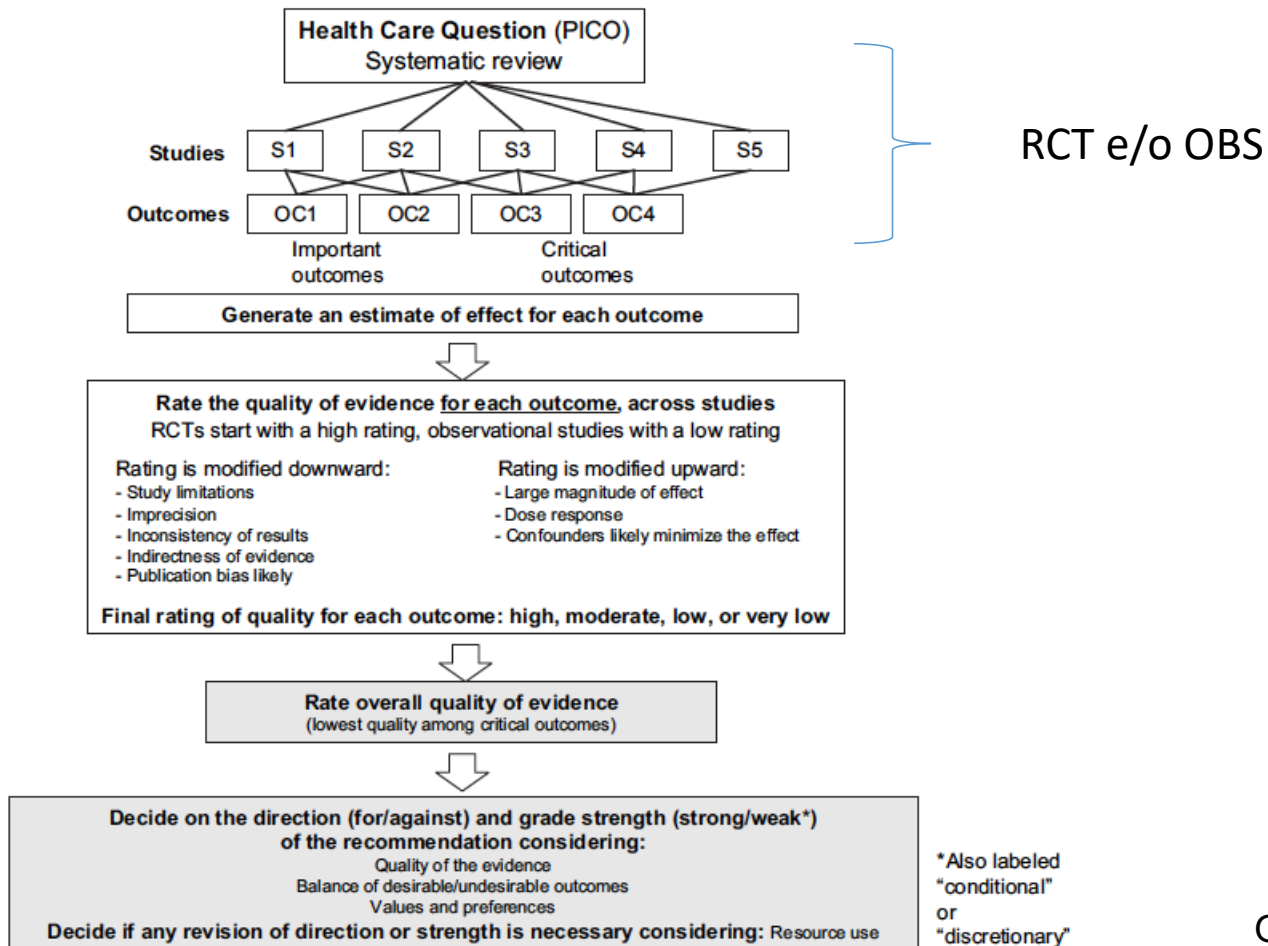
DOMAIN 2: STAKEHOLDER INVOLVEMENT

SICOB: Società Italiana di Chirurgia dell'Obesità; **SID:** Società Italiana di Diabetologia; **AME:** Associazione Medici Endocrinologi; **SIMG:** Società Italiana di Medicina Generale e delle Cure Primarie; **ADI:** Associazione Italiana di dietetica e Nutrizione Clinica; **SIS:** Società Italiana di Statistica; **SIAARTI:** Società Italiana Anestesia, Analgesia, Rianimazione e Terapia Intensiva; **AIAMC:** Associazione Italiana Analisi e Modificazione del Comportamento; **ASAND:** Associazione Scientifica Alimentazione, Nutrizione e Dietetica; **SIED:** Società Italiana Endoscopia Digestiva; **AME:** Associazione Medici Endocrinologi; **SIPAD:** Società Italiana di Patologia dell'Apparato Digerente; **SICE:** Società Italiana di Endoscopia di Area chirurgica; **SIC:** Società Italiana di Chirurgia; **ACOI:** Associazione Chirurghi Ospedalieri; **SIED:** Società Italiana Endoscopia Digestiva; **SOPSI:** Società Italiana di Psicopatologia; **AIGO:** Associazione Italiana Gastroenterologi ed endoscopisti digestivi Ospedalieri; **SIE:** Società Italiana Endocrinologia; **ADI:** Associazione italiana di dietetica e nutrizione clinica; **ANSISA:** Associazione Nazionale Specialisti In Scienze dell'Alimentazione; **SIO:** Società Italiana dell'Obesità; **SIUEC:** Società Italiana Unitaria di Endocrinochirurgia; **SIGE:** Società Italiana di Gastroenterologia ed Endoscopia Digestiva; **SIP:** Società Italiana di Pediatria.


DOMAIN 3: RIGOUR OF DEVELOPMENT

GRADE









(Grading of Recommendations Assessment, Development and Evaluation)







PICO

N	PICO	Disagreement (score 1–2)	Agreement (score 3–5)	Outcome (median)	Approval
A. INDICATION FOR ENDOBARIATRIC SURGERY					
1	<i>In patients with at least one uncontrolled obesity-related comorbid condition (diabetes, hypertension, dyslipidemia, obstructive sleep apnea, metabolic-associated fatty liver disease, and polycystic ovary syndrome) and BMI 27-29.9 kg/m², is endobariatric surgery preferable to life-style/pharmacological interventions, for the treatment of overweight?</i>	0%	100%	-	

Outcomes (efficacy)

1.1	Obesity-related comorbid conditions remission	8	
1.2	Improvement of glycometabolic control (HbA1c; FPG; lipid profile; blood pressure)	8	
1.3	Decrease of body weight (BMI; percentage of weight loss and excess of weight loss)	9	
1.4	Reduction of macrovascular complications	7.5	
1.5	Reduction of all-cause mortality	7	
1.6	Improvement of quality of life	8	
1.7	Reduced incidence of weight regain	7	
1.8	Reduced incidence of insufficient weight loss	7	

Outcomes (safety)

1.9	Perioperative mortality	7.5	
1.10	Perioperative surgical complications	7.5	
1.11	Vitamin/other nutrients deficiency	7	
1.12	Serious adverse events (surgical and non-surgical)	8.5	

PICO

2 ***In patients with at least one obesity-related comorbid condition (diabetes, hypertension, dyslipidemia, obstructive sleep apnea, metabolic-associated fatty liver disease, and polycystic ovary syndrome) and class I obesity (BMI 30-34.9 kg/m²), is endobariatric surgery preferable to life-style/pharmacological interventions, for the treatment of obesity?***

0%

100%

-



Outcomes (efficacy)

1.1	Obesity-related comorbid conditions remission	8	✓
1.2	Improvement of glycometabolic control (HbA1c; FPG; lipid profile; blood pressure)	8	✓
1.3	Decrease of body weight (BMI; percentage of weight loss and excess of weight loss)	9	✓
1.4	Reduction of macrovascular complications	7.5	✓
1.5	Reduction of all-cause mortality	7	✓
1.6	Improvement of quality of life	8	✓
1.7	Reduced incidence of weight regain	7	✓
1.8	Reduced incidence of insufficient weight loss	7	✓

Outcomes (safety)

1.9	Perioperative mortality	7.5	✓
1.10	Perioperative surgical complications	7.5	✓
1.11	Vitamin/other nutrients deficiency	7	✓
1.12	Serious adverse events (surgical and non-surgical)	8.5	✓

PICO

3 ***In patients with at least one obesity-related comorbid condition (diabetes, hypertension, dyslipidemia, obstructive sleep apnea, metabolic-associated fatty liver disease, and polycystic ovary syndrome) and class II obesity (BMI 35-39.9 kg/m²), is endobariatric surgery preferable to life-style/pharmacological interventions, for the treatment of obesity?***

0%

100%

-



Outcomes (efficacy)

1.1	Obesity-related comorbid conditions remission	8	✓
1.2	Improvement of glycometabolic control (HbA1c; FPG; lipid profile; blood pressure)	8	✓
1.3	Decrease of body weight (BMI; percentage of weight loss and excess of weight loss)	9	✓
1.4	Reduction of macrovascular complications	7.5	✓
1.5	Reduction of all-cause mortality	7	✓
1.6	Improvement of quality of life	8	✓
1.7	Reduced incidence of weight regain	7	✓
1.8	Reduced incidence of insufficient weight loss	7	✓

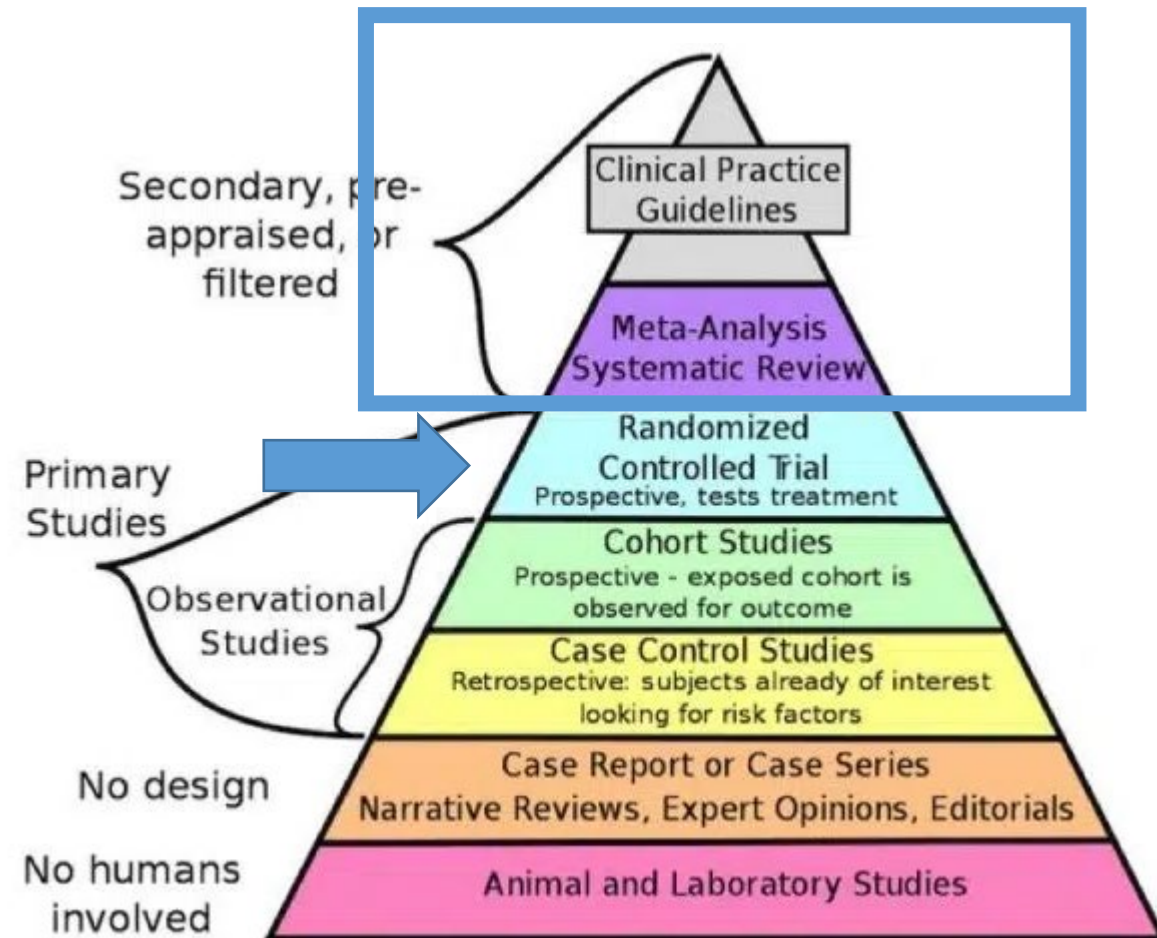
Outcomes (safety)

1.9	Perioperative mortality	7.5	✓
1.10	Perioperative surgical complications	7.5	✓
1.11	Vitamin/other nutrients deficiency	7	✓
1.12	Serious adverse events (surgical and non-surgical)	8.5	✓

AGREE (Appraisal of Guidelines for Research and Evaluation) - II

DOMAIN 3: RIGOUR OF DEVELOPMENT

1. **Systematic methods** were used to search for evidence.
2. **There is an explicit link between the recommendations and the supporting evidence.**
3. The guideline has been externally reviewed by experts prior to its publication.
4. A procedure for **updating** the guideline is provided.





Indication to endoscopic bariatric surgery: **BMI 27-29.9 Kg/m²**

Outcome 1: **BMI, reduction**

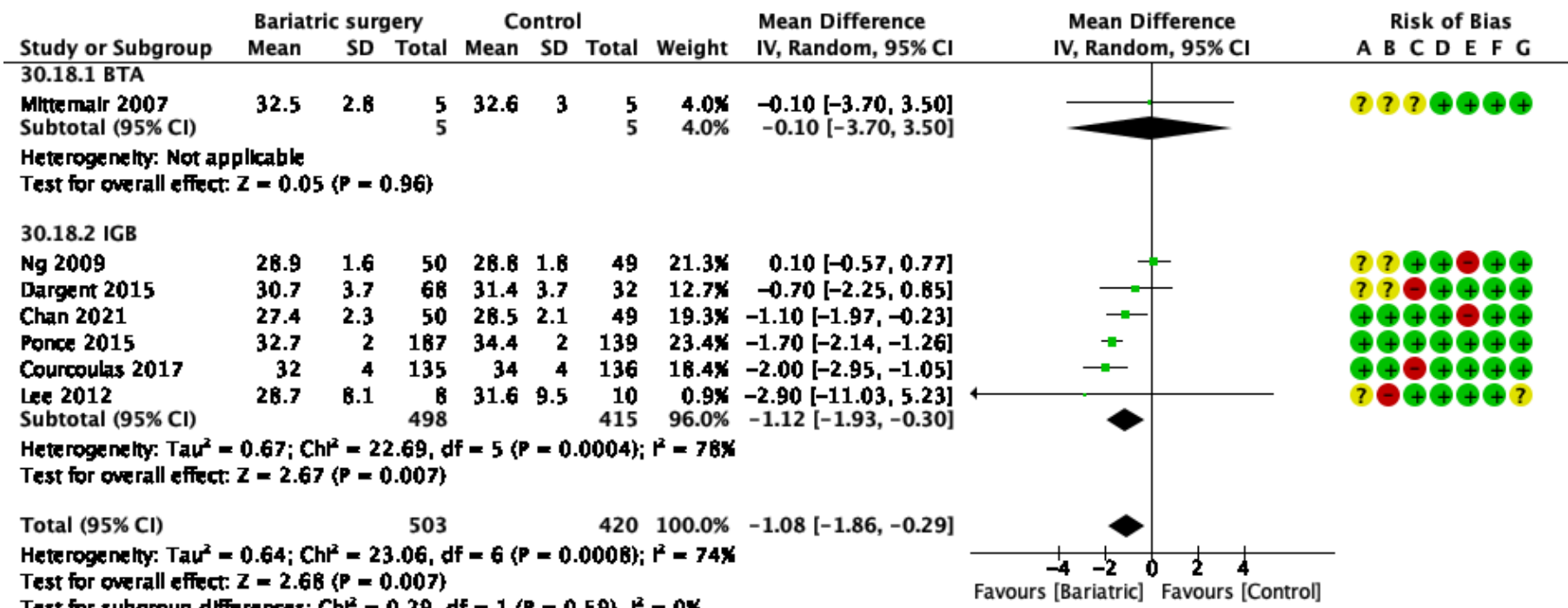
No trials retrieved

Unpublished data



Indication to endoscopic bariatric surgery: BMI 30-34.9 Kg/m²

Outcome 1: BMI, reduction

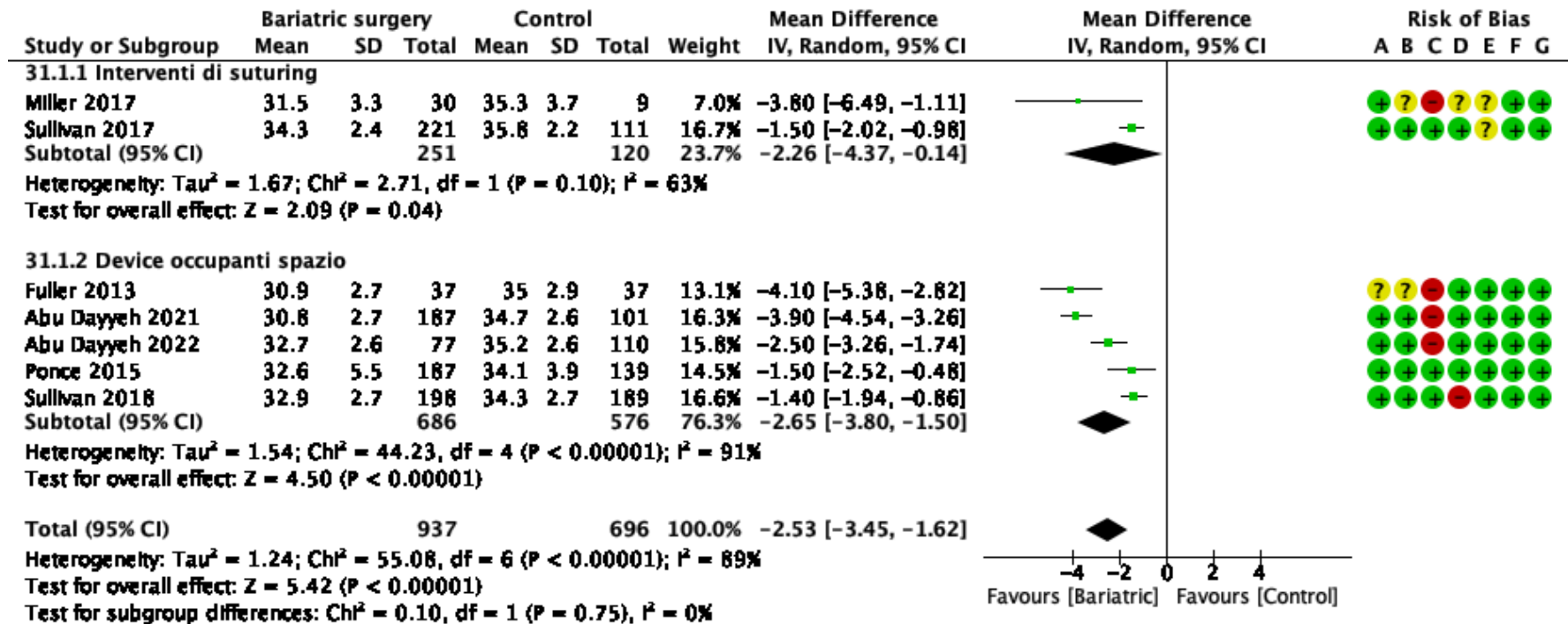


- Risk of bias legend**
- (A) Random sequence generation (selection bias)
 - (B) Allocation concealment (selection bias)
 - (C) Blinding of participants and personnel (performance bias)
 - (D) Blinding of outcome assessment (detection bias)
 - (E) Incomplete outcome data (attrition bias)
 - (F) Selective reporting (reporting bias)
 - (G) Other bias

Unpublished data

Indication to endoscopic bariatric surgery: BMI 35-39.9 Kg/m²

Outcome 1: BMI, reduction



Risk of bias legend

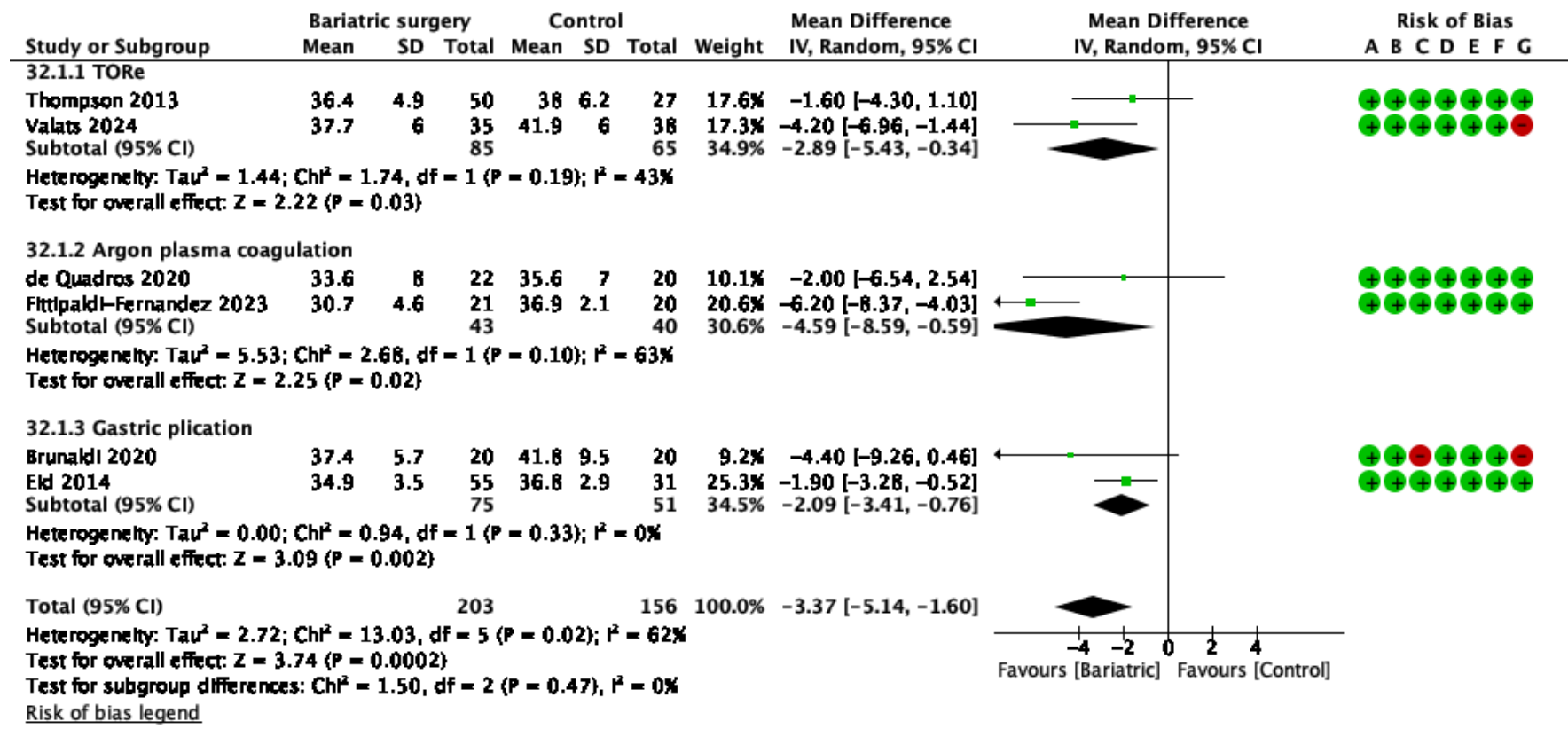
- (A) Random sequence generation (selection bias)
- (B) Allocation concealment (selection bias)
- (C) Blinding of participants and personnel (performance bias)
- (D) Blinding of outcome assessment (detection bias)
- (E) Incomplete outcome data (attrition bias)
- (F) Selective reporting (reporting bias)
- (G) Other bias

Unpublished data



Indication to endoscopic bariatric surgery: insufficient weight loss/regain

Outcome 1: BMI, reduction



Unpublished data

The Eminence Based Medicine



The Evidence Based Medicine

A 3D rendered illustration of a vast, dimly lit library. The room is filled with towering wooden bookshelves that stretch into the distance, creating a sense of depth and scale. The shelves are densely packed with books, their spines catching the light. A wooden ladder is positioned against one of the shelves, suggesting a search for knowledge. On the floor, there are several large stacks of books, some of which are open, indicating active research or study. The lighting is warm and focused, highlighting the texture of the wood and the spines of the books. The overall atmosphere is one of quiet concentration and intellectual pursuit.