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BARIATRIC
SURGERY
REGISTRY

Comparison of Patients' and Healthcare Practitioners' Evaluation of Patient-Reported Outcomes of Bariatric Surgery – A Modified Delphi Study

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CONFLICT OF INTEREST DISCLOSURE

I have no potential conflict of interest to report



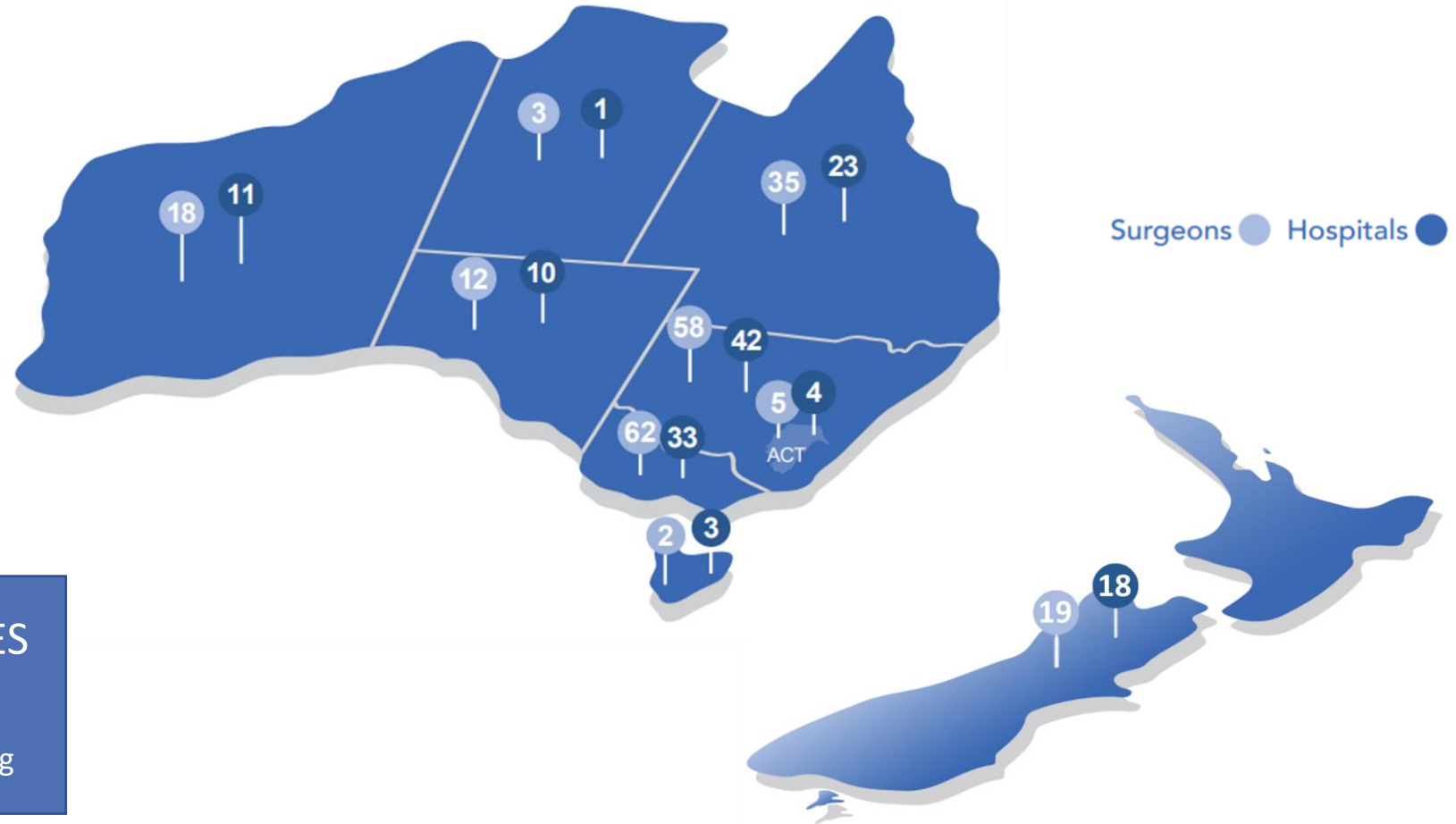
Background

ANZ Bariatric Surgery Registry



Clinical Quality & Safety

- Type of procedure
- Weight / BMI
- Diabetes status
- Adverse events
- Complications
- Reoperation / Revision procedures



ADD PATIENT-REPORTED OUTCOMES

Quality of life
Experience of surgery

Mental health / mood
Psychosocial well-being

Outcome Importance Survey

Methods



Pre-Surgical
Post-Surgical
Bariatric Patients

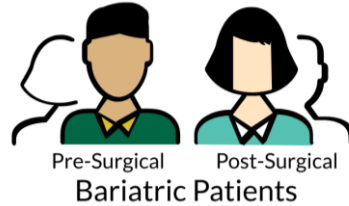


Healthcare Practitioners

How important do you think it is that each outcome of bariatric surgery is measured?

Outcome Importance Survey

Methods

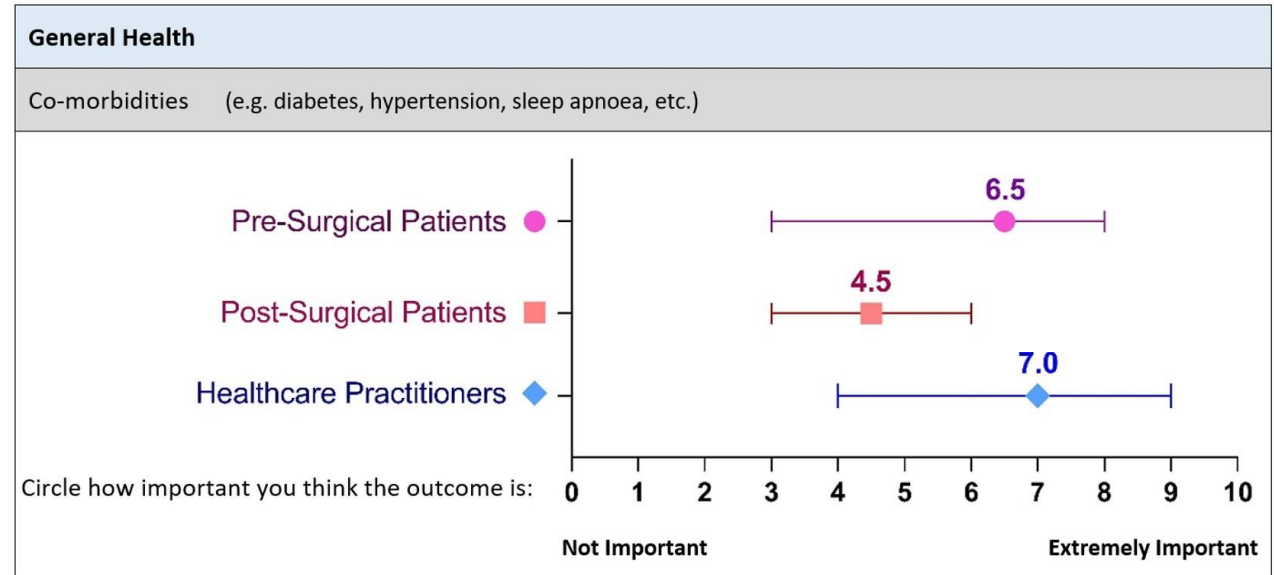


How important do you think it is that each outcome of bariatric surgery is measured?

Round 1 Survey

General Health	Not Important	Extremely Important									
Co-morbidities (e.g. diabetes, hypertension, sleep apnoea)	0	1	2	3	4	5	6	7	8	9	10
Medication use	0	1	2	3	4	5	6	7	8	9	10
Physical signs (e.g. hair loss, teeth or gum problems, loss of sensation in hands and feet, skin irritations)	0	1	2	3	4	5	6	7	8	9	10

Round 2 Survey



Outcome Importance Survey

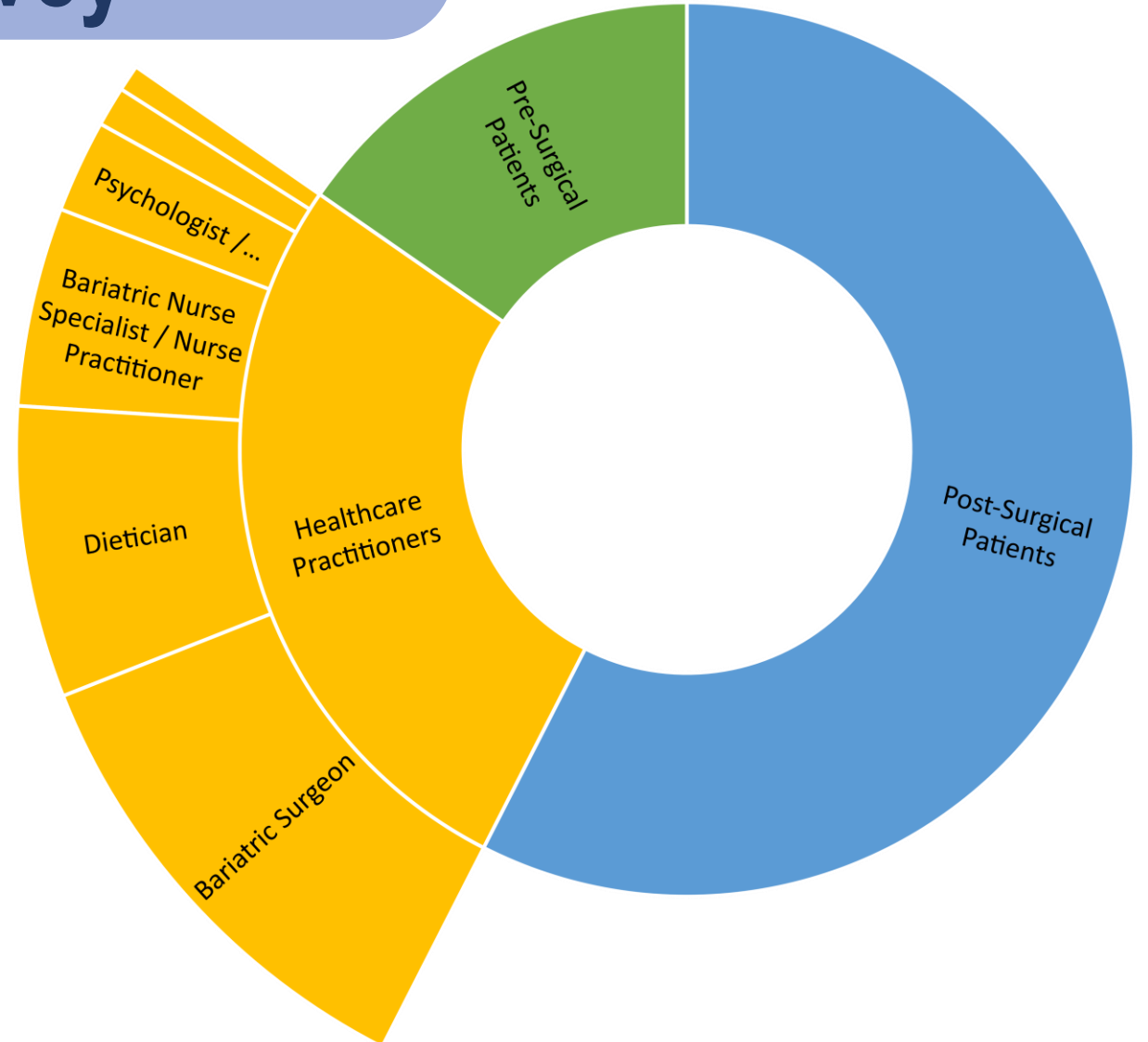
Participants

48 Pre-Surgical Patients

180 Post Surgical Patients

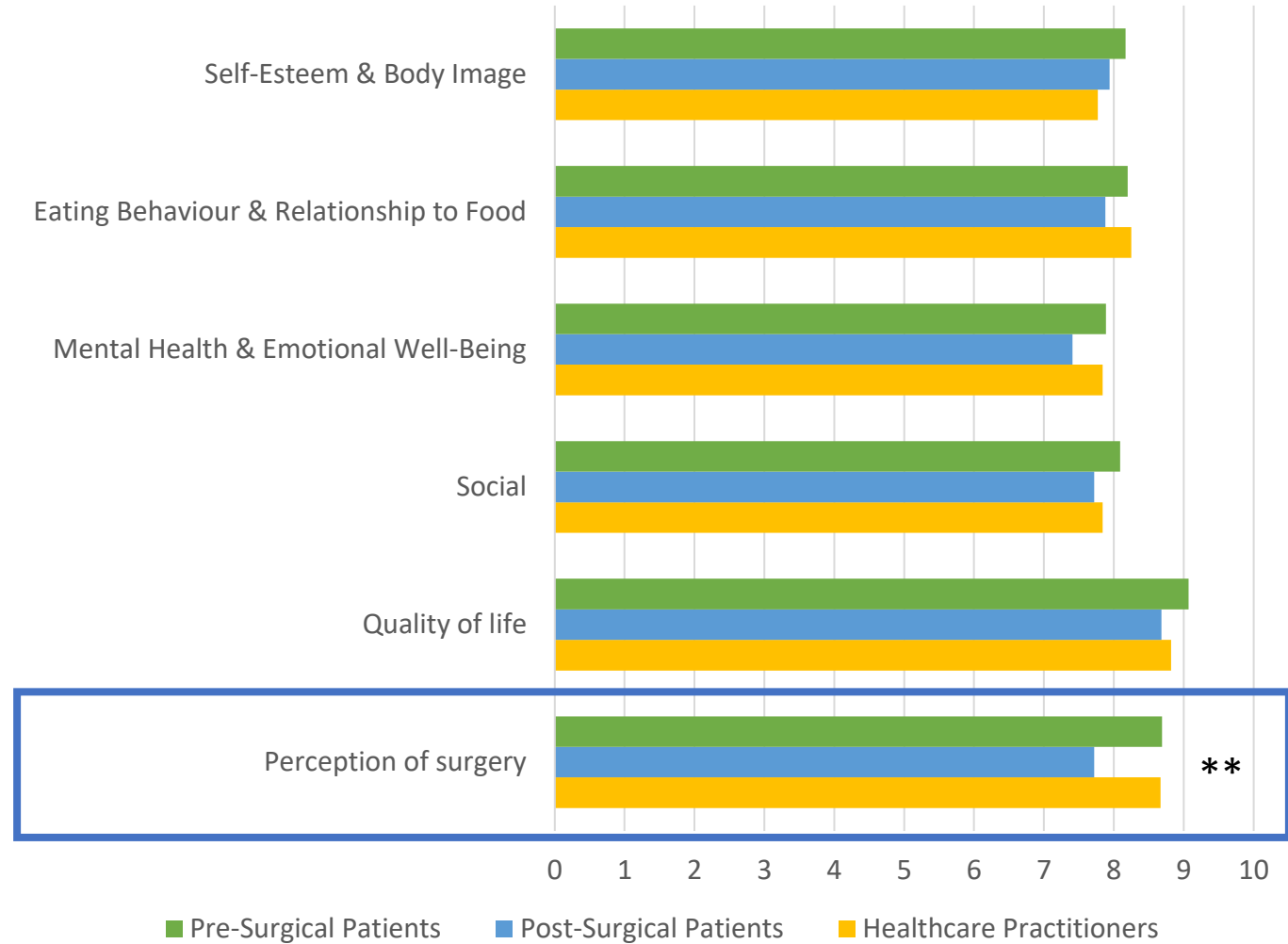
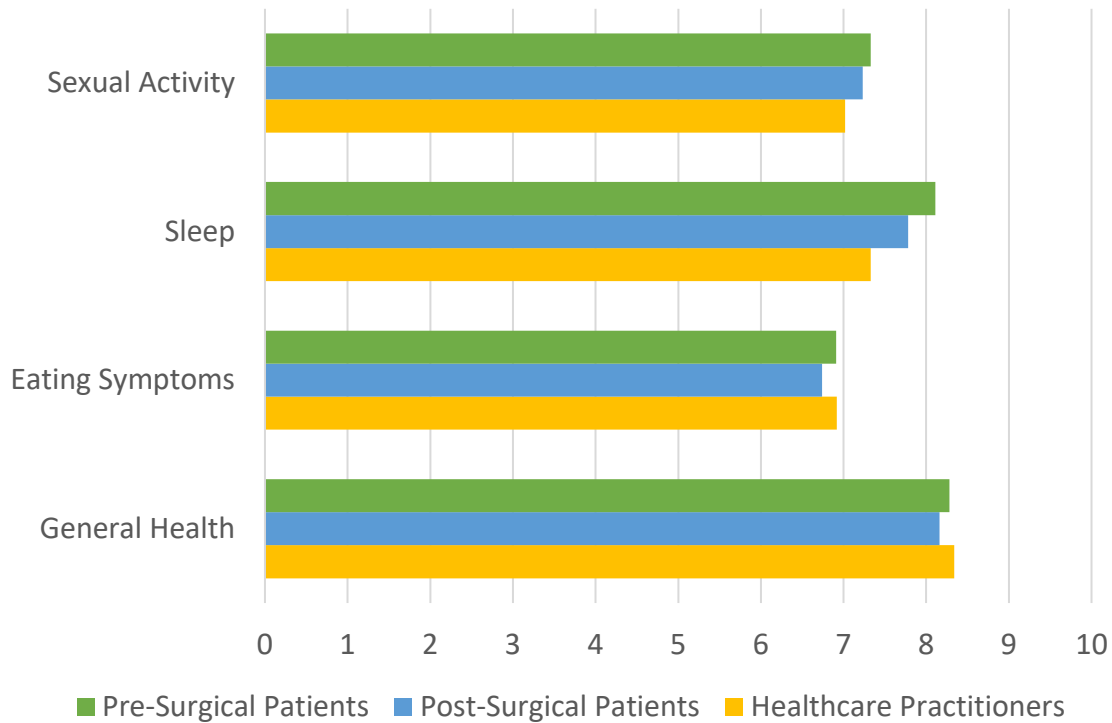
85 Healthcare Practitioners

- 36 Bariatric Surgeons
- 22 Dieticians
- 15 Nurses
- 7 Psychologists / Psychiatrists
- 3 Bariatric Physicians / GPs
- 2 Researchers



Outcome Importance Survey

Domain Results



Outcome Importance Survey

Domain Results

Category	Importance
Quality of Life	8.76
General Health	8.21
Perception of Surgery	8.04
Mental Health & Emotional Well-Being	7.56
Eating Behaviour & Relationship with Food	7.99
Self-Esteem & Body Image	7.94
Social Activity	7.79
Sleep	7.74
Sexual Activity	7.21
Eating Symptoms	6.80

Outcome Importance Survey

Domain Results

Category	Importance	Rank
Quality of Life	8.76	2
General Health	8.21	1
Perception of Surgery	8.04	10
Mental Health & Emotional Well-Being	7.56	3
Eating Behaviour & Relationship with Food	7.99	5
Self-Esteem & Body Image	7.94	6
Social Activity	7.79	9
Sleep	7.74	7
Sexual Activity	7.21	8
Eating Symptoms	6.80	4

Outcome Importance Survey

Domain Results

Category	Importance	Rank	Pre-PTs	Post-PTs	HPs
Quality of Life	8.76	2	2	2	2
General Health	8.21	1	1	1	1
Perception of Surgery	8.04	10	8	10	9
Mental Health & Emotional Well-Being	7.56	3	4	3	3
Eating Behaviour & Relationship with Food	7.99	5	5	4	5
Self-Esteem & Body Image	7.94	6	6	6	6
Social Activity	7.79	9	9	9	7
Sleep	7.74	7	7	8	8
Sexual Activity	7.21	8	10	7	10
Eating Symptoms	6.80	4	3	5	4

Outcome Importance Survey

Outcome Results

- 58 outcomes were rated as highly important by at least one group or subgroup.

- **Unanimous Outcomes:**

- Co-morbidities
- Overall Quality of Life
- Weight/Surgery-Specific Symptoms
- Emotional Eating
- Preparedness for Bariatric Surgery
- Self-Esteem

- **Patient-Prioritised Outcomes:**

- Fear of Weight Regain
- Feeling in Control of Weight & Appearance

- **Healthcare Practitioner-Prioritised Outcomes:**

- Suicidal Thoughts
- Addictive Behaviours
- Decision Remorse
- Experience of Stigma or Discrimination

Key Findings

58 Outcomes prioritised

21 unanimous

13 2-group

24 1-group

Consensus amongst pre-surgical patients, post-surgical patients, and healthcare practitioners as to the most important outcome domains for bariatric surgery

General Health and Quality of Life are most important

Perception of Surgery, Sexual Activity and Social Activity are least important

Discordant outcomes need to be investigated

Focus Groups, Cognitive Debriefing Interviews, Questionnaire Development & Pilot Testing

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Bariatric Surgery

Patient and healthcare practitioner evaluation of patient-reported outcomes in bariatric surgery – a modified Delphi study

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