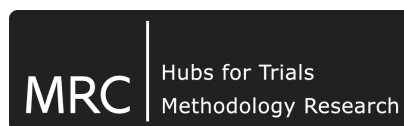


# Developing a core outcome set for studies in weight loss surgery

## Round three questionnaire



ConDuCT-II Hub



# Completing the survey

Thank you for continuing to take part in this study. This questionnaire is much shorter than the previous two questionnaires. In this short questionnaire you will see your own rating (blue column), those of other patients (pink column), and clinicians (which includes doctors, nurses, dietitians, and psychologists) in the yellow column. We are asking you to re-rate each item taking into account other people's views. We need your help to prioritise a small number of essential items. **The final items selected will be measured in all studies of weight loss surgery as a minimum, we hope this will be about 10 items.**

**The information that you provide will remain anonymous.** When you have completed the questionnaire, please return it in the pre-paid envelope provided. Thank you again so much for all your time and help with this survey, which will help us with future research.

## SECTION 1 Medical effectiveness of weight loss surgery

The following section lists different ways to measure the results of weight loss surgery. Please rate how **important** you think it is for the following information to be collected in a study to **measure the results** of the surgery. Please circle the number that represents your opinion. The words in brackets are the medical terminology.

		Average previous ratings											
		Patients	Clinicians	Your own	Not important			(Please circle)			Extremely important		
<b>For example:</b> Less pain when walking		4	5	6	1	2	3	4	5	6	7	8	9
<b>Body measurements (anthropometry)</b>		Patients	Clinicians	Your own	Not important			(Please circle)			Extremely important		
1	Reduction in weight				1	2	3	4	5	6	7	8	9
2	Maintaining weight loss/preventing weight regain				1	2	3	4	5	6	7	8	9
<b>Obesity related disease</b>													
3	Reduction/lowering of blood pressure, or a reduction in blood pressure medication (hypertension)				1	2	3	4	5	6	7	8	9
4	Reduction in the chance of having heart problems in the future (adjusted cardiovascular risk)				1	2	3	4	5	6	7	8	9
5	Improvement in diabetes, or a reduction in diabetic medication (measure of diabetes e.g. HbA1c)				1	2	3	4	5	6	7	8	9
6	Reduction in the amount of fat and cholesterol in the blood, or a reduction in medication (measure of dyslipidaemia)				1	2	3	4	5	6	7	8	9
7	Being able to breathe easily when sleeping / using a sleep mask less (obstructive sleep apnoea)				1	2	3	4	5	6	7	8	9
8	Improvement in joint disease				1	2	3	4	5	6	7	8	9

## SECTION 2 Short and long term medical complications

This section lists events that may occur during, or after, weight loss surgery. Please note, these are only possibilities and do not occur in everyone. Some of these events are extremely rare. The words in brackets are the medical terminology. Please rate how important you think it is that the following events are measured in studies of weight loss surgery and circle the number that best represents your opinion.

		Average previous ratings											
<b>Complications that might occur during the operation</b>		Patients	Clinicians	Your own	Not important			(Please circle)			Extremely important		
9	The risk of accidentally damaging other organs during the operation (organ injury)				1	2	3	4	5	6	7	8	9
<b>Infection</b>													
10	Infection inside the body where the operation was carried out (deep abscess)				1	2	3	4	5	6	7	8	9
11	Problems with the wound such as infection, oozing, or failure to heal properly (wound infection or dehiscence)				1	2	3	4	5	6	7	8	9
12	Whole body infection which requires prolonged admission to hospital (septicaemia)				1	2	3	4	5	6	7	8	9
<b>Haemorrhage</b>													
13	Bleeding problems inside the abdomen or within the bowel (intra-abdominal bleeding/gastrointestinal bleeding/staple line bleed)				1	2	3	4	5	6	7	8	9
<b>Surgical joins between internal organs (anastomosis)</b>													
14	Leaking of bowel/stomach contents through a hole at the site of the operation (anastomotic leak/gastric fistula)				1	2	3	4	5	6	7	8	9

## Average previous ratings

		Average previous ratings			Not important (Please circle) Extremely important								
		Patients	Clinicians	Your own	1	2	3	4	5	6	7	8	9
15	Abnormal narrowing of the bowel caused by scar tissue or stapling, which might cause a blockage (stricture)				1	2	3	4	5	6	7	8	9
16	Ulcers developing at the new join between the two pieces of bowel (anastomotic ulceration)				1	2	3	4	5	6	7	8	9
<b>Band related complications</b>													
17	Problems with the gastric band such as infection or eroding/growing into the stomach. This may lead to further surgery (band infection, erosion and revisions)				1	2	3	4	5	6	7	8	9
18	Problems with the port or tubing, such as flipping, needing to be relocated, infection and/or needing further surgery (port malfunction/ revisions/infection)				1	2	3	4	5	6	7	8	9
19	The band slipping out of place and needing more surgery to correct it (band slippage)				1	2	3	4	5	6	7	8	9
<b>Obstruction / hernia</b>													
20	Twisting or abnormal movement of the bowel or intestines, which can cause blockages, pain or nausea and may need additional surgery (internal hernia)				1	2	3	4	5	6	7	8	9
21	Build up of scar tissue in the bowel causing obstruction or abdominal pain (adhesional obstruction)				1	2	3	4	5	6	7	8	9
<b>General complications of surgery</b>													
22	Problems with breathing so that a machine to help with breathing is needed (ventilation)				1	2	3	4	5	6	7	8	9

## Average previous ratings

		Patients	Clinicians	Your own	Not important (Please circle) Extremely important								
23	Problems with the blood supply to the heart, causing pain/heart attack/irregular or abnormal heart beat (angina/myocardial infarction/arrhythmia)				1	2	3	4	5	6	7	8	9
24	Blood clot in the leg or lung (venous thromboembolism)				1	2	3	4	5	6	7	8	9
25	Stroke (cerebrovascular accident)				1	2	3	4	5	6	7	8	9
26	Kidney failure (renal failure)				1	2	3	4	5	6	7	8	9

**Mortality**

27	Death (during the operation or within 30 days of surgery)				1	2	3	4	5	6	7	8	9
28	Death (more than 30 days after surgery)				1	2	3	4	5	6	7	8	9

**Other measures**

29	Problems swallowing or bringing food back up (dysphagia/regurgitation)				1	2	3	4	5	6	7	8	9
30	A measurement of vitamin and mineral levels (micronutrient levels)				1	2	3	4	5	6	7	8	9
31	Unexpected return to hospital for unplanned procedures or urgent review (re-admission rates)				1	2	3	4	5	6	7	8	9

## SECTION 3 Impact of surgery on quality of life and wellbeing

The following section lists some other areas of life that can be affected by having weight loss surgery. Please rate how important you think it is, that the following information is measured in research studies of weight loss surgery, and circle the number that best represents your opinion.

		Average previous ratings											
<b>Activities of daily living and work/employment</b>		Patients	Clinicians	Your own	Not important (Please circle) Extremely important								
					1	2	3	4	5	6	7	8	9
32	Being able to carry out usual activities (not related to paid employment) such as personal hygiene, housework, managing finances												
33	Mobility (e.g. being able to walk, climb stairs, bend, cross legs, get up from chairs)												
34	Fitness (strength and endurance)												
35	Being able to accomplish work tasks, or to take up work/paid employment												
<b>Body image</b>													
36	Feeling in control of weight and appearance												
37	Excess skin or skin folds following weight loss												
<b>Eating behaviour</b>													
38	Having a healthy/balanced eating pattern												
39	Being able to stop eating when feeling full												
<b>Psychological and emotional wellbeing</b>													
40	Improvement in self-esteem and self-confidence												

## Average previous ratings

<b>Mental health</b>		Patients	Clinicians	Your own	Not important (Please circle) Extremely important								
41	Depression				1	2	3	4	5	6	7	8	9
42	Anxiety				1	2	3	4	5	6	7	8	9
43	Suicidal thoughts				1	2	3	4	5	6	7	8	9
44	Other addictive behaviours (e.g. alcohol, drugs, gambling, shopping)				1	2	3	4	5	6	7	8	9
<b>Sleep</b>													
45	Overall quality of sleep				1	2	3	4	5	6	7	8	9
<b>Social</b>													
46	Relationship with partner/spouse, friends, and/or ability to care for children				1	2	3	4	5	6	7	8	9
<b>Overall health, wellbeing and life</b>													
47	Normality (feeling able to live a 'normal' life)				1	2	3	4	5	6	7	8	9
48	Feeling in control of health and wellbeing				1	2	3	4	5	6	7	8	9
49	Having a positive outlook on life and expectations for the future				1	2	3	4	5	6	7	8	9



**SECTION 4      Top five things to measure**

Please write five things you consider essential to measure when evaluating weight loss surgery:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

**Thank you for your contribution to this round of the survey. Please now return the questionnaire in the pre-paid envelope provided.**

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