

Table S4. Differences in changes in hunger, satiety and the experience of nausea during a 360-min mixed-meal test between patients undergoing one-anastomosis gastric bypass (OAGB) and Roux-en-Y gastric bypass (RYGB) with complete mixed meal test data. Summary statistics are presented as means with standard deviations (SD) and results were derived from linear mixed-effects models with random intercepts for participants.

Outcome	RYGB					OAGB				OAGB vs. RYGB	
	Mean (SD)	Change (95% CI)	p-value	Mean (SD)		Change (95% CI)	p-value	Difference ^s (95% CI)	p-value		
Hunger											
Fasting (0–100)											
Baseline	18	35 (27)			18	26 (27)			9 (-13 to 31)	0.406	
6 months	17	34 (35)	-1 (-21 to 18)	0.895	17	40 (34)	15 (-5 to 35)	0.133	-16 (-44 to 12)	0.246	
12 months	18	36 (36)	1 (-18 to 20)	0.932	16	34 (38)	8 (-12 to 28)	0.416	-7 (-35 to 20)	0.598	
Total AUC 360 min											
Baseline	17	15898 (8209)			17	11888 (7436)			4007 (-1416 to 9430)	0.145	
6 months	15	10698 (7731)	-5173 (-9341 to -1005)	0.016	12	10631 (7917)	-1575 (-6050 to 2901)	0.484	-3598 (-9714 to 2518)	0.243	
12 months	15	11928 (8364)	-4630 (-8798 to -462)	0.030	14	13489 (8569)	1955 (-2338 to 6248)	0.366	-6585 (-12569 to -601)	0.032	
Early AUC 60 min											
Baseline	18	1406 (1357)			17	999 (1151)			409 (-404 to 1222)	0.320	
6 months	17	977 (1294)	-451 (-1110 to 208)	0.176	14	849 (1013)	-147 (-856 to 563)	0.680	-304 (-1272 to 664)	0.532	
12 months	18	802 (936)	-604 (-1251 to 43)	0.067	15	900 (1445)	-56 (-756 to 645)	0.875	-549 (-1502 to 405)	0.254	
Satiety											
Fasting (0–100)											
Baseline	18	34 (32)			18	38 (30)			-4 (-27 to 18)	0.714	
6 months	17	39 (36)	6 (-11 to 23)	0.469	17	38 (31)	-1 (-18 to 16)	0.904	7 (-17 to 31)	0.550	
12 months	18	42 (38)	9 (-8 to 25)	0.309	16	52 (35)	15 (-3 to 32)	0.102	-6 (-30 to 18)	0.629	
Total AUC 360											
Baseline	16	16336 (7615)			17	17799 (10723)			-1104 (-7265 to 5056)	0.721	
6 months	16	18503 (9280)	2103 (-2221 to 6426)	0.334	12	23439 (8957)	6239 (1532 to 10947)	0.010	-4137 (-10528 to 2255)	0.200	
12 months	15	16620 (8967)	351 (-4137 to 4839)	0.876	14	18319 (8138)	52 (-4468 to 4572)	0.982	299 (-6071 to 6669)	0.925	
Early AUC 60 min											
Baseline	17	3450 (1444)			17	3470 (2012)			4 (-987 to 994)	0.994	
6 months	17	4222 (1133)	772 (-59 to 1603)	0.068	14	4597 (1040)	1141 (257 to 2026)	0.012	-369 (-1583 to 845)	0.545	
12 months	18	4000 (1554)	541 (-282 to 1364)	0.193	15	4070 (1204)	562 (-310 to 1434)	0.203	-21 (-1220 to 1178)	0.972	

* At baseline, the percentage difference in baseline values. At 6 and 12 months, the percentage difference in change from baseline (group × time -interaction).