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## Author Correction:

# Cholecystectomy - a potential selection bias in studies assessing the metabolic effects of bariatric surgeries

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-020-66688-1>, published online 30 June 2020

This Article contains errors in the average and standard deviation calculations of postoperative weight patients for the effect of Roux-en-Y gastric bypass reported in Table 1.

The ‘Weight (kg)’ value for ‘Postoperative’ patients ‘With cholecystectomy (n = 7),’

“112.3 ± 10.89”

should read:

“95 ± 10.55”

Additionally, the ‘Weight (kg)’ value for ‘Postoperative’ patients ‘Without cholecystectomy (n = 21),’

“108.17 ± 14.50”

should read:

“90.7 ± 12.40”

The correct Table 1 appears below:

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Variables	With cholecystectomy (n = 7)			Without cholecystectomy (n = 21)		
	Preoperative	Postoperative	p value	Preoperative	Postoperative	p value
Weight (kg)	117.28 ± 13.10	95 ± 10.55	< 0.050	111.81 ± 16.20	90.7 ± 12.40	< 0.050
BMI (kg/m <sup>2</sup> )	47.00 ± 4.60	45.80 ± 3.90	< 0.050	44.40 ± 6.00	43.00 ± 5.30	< 0.050
% Body Fat	50.30 ± 9.70	48.77 ± 4.70	<b>0.937</b>	51.83 ± 5.50	43.51 ± 6.30	<b>&lt; 0.050</b>
% Lean mass	49.60 ± 9.70	51.22 ± 4.70	<b>0.219</b>	48.17 ± 5.50	56.49 ± 6.30	<b>&lt; 0.050</b>
Body fat (kg)	59.10 ± 15.30	46.47 ± 8.00	<b>0.469</b>	57.96 ± 13.16	39.44 ± 9.90	<b>&lt; 0.050</b>
Lean mass (kg)	56.90 ± 7.80	48.53 ± 5.90	<b>0.297</b>	52.93 ± 6.80	50.16 ± 5.90	<b>&lt; 0.050</b>
Glucose (mg/dL)	195.40 ± 89.20	102 ± 27.70	< 0.050	223.76 ± 67.80	102.68 ± 18.90	< 0.050
Insulin (μU/mL)	18.10 (13.50–20.90)	7.8 (6.30–16.70)	< 0.050	16.30 (13.45–25.40)	7.9 (6.90–12.70)	< 0.050
%HbA1c	8.30 ± 1.90	5.9 ± 0.50	< 0.050	9.08 ± 1.50	6.01 ± 0.40	< 0.050
C peptide (ng/mL)	3.60 ± 0.90	2.64 ± 0.57	<b>0.109</b>	4.21 ± 1.40	3.01 ± 0.97	<b>&lt; 0.050</b>
Cholesterol total (mg/dL)	178.10 ± 42.10	151.28 ± 27.00	<b>0.297</b>	200.71 ± 32.40	166.84 ± 56.50	<b>&lt; 0.050</b>
HDL (mg/dL)	40.20 ± 11.08	44.14 ± 11.60	<b>0.202</b>	44.81 ± 9.35	42.10 ± 8.90	<b>&lt; 0.050</b>
LDL (mg/dL)	108.80 ± 36.50	87.85 ± 22.10	<b>0.352</b>	121.57 ± 33.62	101.2 ± 43.65	<b>&lt; 0.050</b>
VLDL (mg/dL)	29.00 ± 9.90	19.28 ± 3.30	0.156	29.58 ± 9.67	23.52 ± 10.54	0.078
Triglycerides (mg/dL)	145.10 ± 49.00	96.42 ± 16.80	<b>0.156</b>	175.5 ± 103	117.94 ± 52.70	<b>&lt; 0.050</b>

**Table 1.** A corrected version of Table 1. Data are expressed by mean ± standard deviation, except the data on insulin levels, which are expressed as median (interquartile ranges). Bold p values highlight the clinical variables that responded to RYGB at different significant levels in patients with or without cholecystectomy. BMI, body mass index; HbA1c%, glycated hemoglobin; HDL, high density lipoproteins; LDL, low density lipoproteins; VLDL, very low-density lipoproteins.



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