

Supplementary Table 1. CGM profiles before and after metabolic surgery according to surgery types

Variable	Sleeve gastrectomy (n=6)			Bypass surgery (n=14)		
	Before surgery	After surgery	P value	Before surgery	After surgery	P value
Time CGM active, %	90.3±15.0	85.5±16.3	0.075	90.5±13.2	77.4±21.0	0.096
Mean glucose, mg/dL	143.4±37.8	91.8±15.8	0.028	148.6±42.7	97.0±18.0	0.001
Mean glucose during daytime ^a , mg/dL	148.4±41.4	92.4±16.3	0.028	150.4±40.1	97.4±18.2	0.001
Mean glucose during nighttime ^b , mg/dL	122.7±31.1	89.7±16.5	0.075	145.1±75.2	91.8±22.0	0.001
CV, %	28.8±10.5	20.6±3.9	0.075	29.4±10.0	20.0±10.6	0.022
CV during daytime ^a , %	28.4±11.5	20.4±5.1	0.116	28.2±9.1	19.2±10.2	0.048
CV during nighttime ^b , %	21.4±7.8	17.6±6.8	0.463	21.1±12.9	16.8±13.1	0.279
TAR >250 mg/dL, %	4.5±8.6	0.0±0.0	0.180	7.8±13.8	0.0±0.0	0.012
TAR >180 mg/dL, %	18.9±21.9	0.0±0.0	0.028	26.1±27.1	1.6±6.0	0.001
TIR 70–180 mg/dL, %	79.0±20.5	82.9±20.5	0.600	70.5±25.9	82.7±26.8	0.177
TBR <70 mg/dL, %	2.2±2.2	17.1±20.5	0.075	3.4±6.8	15.7±25.9	0.114
TBR <54 mg/dL, %	0.1±0.2	5.2±7.1	0.109	0.5±1.0	5.4±12.1	0.223

Values are presented as mean ± standard deviation. Wilcoxon signed-rank test.

CGM, continuous glucose monitoring; CV, coefficient of variation; TAR, time above range; TIR, time in range; TBR, time below range.

^aFrom 6:00 AM to midnight, ^bFrom midnight to 6:00 AM.