

**Supplementary Table 1 Comparison of measures of glucose homeostasis following a MMT in symptomatic PPH group, a non-surgical obese group and an asymptomatic RYGB group.**

Data expressed as mean  $\pm$  SEM. Statistically significant differences vs Obese-No RYGB are shown as \* =  $P < 0.05$ .

<b>Outcome measures</b>	<b>Symptomatic PPH (N=18)</b>	<b>Asymptomatic RYGB (N=10)</b>	<b>Obese-No RYGB (N=9)</b>
<b>Mean fasting glucose (mmol·l<sup>-1</sup>)</b>	4.7 $\pm$ 0.1	5.1 $\pm$ 0.2	5.1 $\pm$ 0.2
<b>Mean peak glucose (mmol·l<sup>-1</sup>)</b>	9.3 $\pm$ 0.4	9.5 $\pm$ 0.9	7.1 $\pm$ 0.3
<b>Mean nadir glucose (mmol·l<sup>-1</sup>)</b>	3.4 $\pm$ 0.2	4.4 $\pm$ 0.3	4.1 $\pm$ 0.1
<b>Mean glucose<sub>30</sub> (mmol·l<sup>-1</sup>)</b>	9.0 $\pm$ 0.4*	9.4 $\pm$ 0.8*	6.0 $\pm$ 0.4
<b>Mean time to peak glucose (min)</b>	35.0 $\pm$ 2.7*	36.0 $\pm$ 19*	80.0 $\pm$ 13.2
<b>Mean time to nadir glucose (min)</b>	140.0 $\pm$ 11.6	132.0 $\pm$ 21.0	220 $\pm$ 14.1
<b>Mean AUC glucose (mmol·l<sup>-1</sup>·min)</b>	1257.9 $\pm$ 37.1	1387 $\pm$ 57.0	1333.3 $\pm$ 57.5
<b>Fasting insulin (mU·l<sup>-1</sup>)</b>	7.2 $\pm$ 0.9	8.6 $\pm$ 1.2	9.6 $\pm$ 1.0
<b>Mean peak insulin (mU·l<sup>-1</sup>)</b>	159.0 $\pm$ 21.3	132.4 $\pm$ 29.6*	61.1 $\pm$ 9.1
<b>Mean insulin<sub>30</sub> (mU·l<sup>-1</sup>)</b>	132.0 $\pm$ 24.8*	119.4 $\pm$ 24.9*	39.9 $\pm$ 7.4
<b>Mean time to peak insulin (min)</b>	35.0 $\pm$ 2.7*	36.0 $\pm$ 4.0	73.3 $\pm$ 12.4
<b>Mean AUC insulin (mU·l<sup>-1</sup>·min)</b>	8233.4 $\pm$ 1004.0	7706.0 $\pm$ 2141.0	6729.2 $\pm$ 988.9