

	+3 mmHg CO <sub>2</sub>		+5 mmHg CO <sub>2</sub>		+8 mmHg CO <sub>2</sub>		+10 mmHg CO <sub>2</sub>		+350 mmHg O <sub>2</sub>	
	GE	SE	GE	SE	GE	SE	GE	SE	GE	SE
<b>Sub01</b>	.	.	3.8	4.1	.	.	8.4	8.0	374.6	373.4
<b>Sub02</b>	.	.	2.7	2.2	.	.	7.4	7.7	369.0	366.8
<b>Sub03</b>	.	.	4.4	4.2	.	.	7.4	7.9	349.3	332.3
<b>Sub04</b>	2.7	.	5.1	5.2	5.5	.	9.0	8.4	276.4	294.1
<b>Sub05</b>	.	3.3	5.7	4.9	.	7.3	10.3	9.4	324.0	318.8
<b>Sub06</b>	.	.	4.5	4.9	.	.	8.7	8.4	358.3	342.1
<b>Sub07</b>	.	3.6	5.8	5.1	.	6.8	8.9	8.1	357.4	334.7
<b>Sub08</b>	4.1	3.9	6.3	6.2	8.2	8.0	10.2	10.3	345.1	332.2
<b>Sub09</b>	3.7	3.7	5.8	5.7	7.2	7.4	10.0	9.5	368.7	362.6
<b>Sub10</b>	3.7	3.4	5.0	5.3	7.2	7.0	8.5	8.7	309.4	316.7
<b>Sub11</b>	2.8	2.5	4.3	4.3	6.1	6.0	7.8	8.0	273.3	278.3

**TABLE CAPTION**

**Supplementary material I. Average obtained PetCO<sub>2</sub> and PetO<sub>2</sub> values.** For each of the 4 targeted PetCO<sub>2</sub> values (+3, +5, +8, +10 mmHg PetCO<sub>2</sub>), during GE and SE BOLD acquisition, the average obtained PetCO<sub>2</sub> values are shown (columns) for each participant (rows). The last 2 columns show the average obtained PetO<sub>2</sub> values for each participant.