Table 2. Pre-operatory and post-operatory blood gases values (i.e., venous blood).

Blood gases	Pre-op	Post-op	Reference range
pH	7.392	7.429	**7.35-7.45**
pCO_2 (mmHg)	30.3	28.5	**35-45**
pO_2 (mmHg)	45.5	39.0	**83-108**[*]
So_2 %	75	80	**98-99**[*]
Hct %	36 **L**	31 **L**	**39-49 (M); 35-45 (F)**
tHb (g/dl)	9.6	6.3	
Na (mmol/L)	149.2 **H**	145.5	**136-146**
K (mmol/L)	5.28 **H**	4.77	**3.5-5.1**
Cl (mmol/L)	113.8 **H**	119.6 **H**	**98-106**
iCa (mmol/L)	1.41	1.30	**1.09-2.5**
iMg (mmol/L)	0.56 **H**	0.68 **H**	**0.24-0.34**
Glu (mg/dl)	93	88	**65-95**
Lac (mmol/L)	3.2b **H**	1.8	**0.7-2.5**
O_2Hb %	73.4	76.0	
COHb %	1.5	1.3	
MetHb %	0.5	0.7	
HHb %	24.5	26.8	
tBil (mg/dl)	6.0	5.8	
HbF %	1.2	1.1	
TCO_2 (mmol/L)	19.5	19.9	**17.25-20.40**
BUN (mg/dl)	6 **L**	17	**12.64-53.58**
Creat (mg/dl)	0.7	1.0	**0.6-1.2**
BE-ecf (mmol/L)	-6.5	-5.5	**-5.30 - -8.65**
BE-b (mmol/L)	-4.8 **H**	-4.1 **H**	**0 - -4**
$HCO3^-$ (mmol/L)	18.6	19.0	**20-24**

Abbreviations: H, High; L, Low; pCO_2, Partial pressure of Carbon Dioxide; pO_2, Partial pressure of oxygen; So_2, Oxygen saturation; Hct, Hematocrit; tHb, Total hemoglobin mass; Na, Sodium; K, Potassium; Cl, Chloride; iCa, ionized Calcium; iMg, ionized Magnesium; Glu, Glucose; Lac. Lactate; O_2Hb, Oxyhemoglobin; COHb, Carboxyhemoglobin; MetHb, Methemoglobin; HHb, Deoxyhemoglobin; tBil, Total bilirubin; HbF, fetal hemoglobin; TCO_2, Total carbon dioxide; BUN, blood urea nitrogen; Creat, Creatinine; BE-ecf, Base excess of extracellular fluid; BE-b, Base excess of the blood; $HCO3^-$, Bicarbonate.

[*]Arterial blood references.