

Table (1) demographic data for age &gender and body mass index

Variable n=66	Range	Mean \pm SD
Age (years)	18 – 77	50.39 \pm 15.05
Sex:	M: 37 (56%)	F: 29 (44%)
Weight (kg)	44 – 116	74.94 \pm 15.99
Height (cm)	140 – 175	158.29 \pm 9.51
BMI (kg/m ²)	19.3 - 46.46	29.88 \pm 5.79

Table (2): ScvO₂ and ICU length of stay:

ScvO₂ % n=66	Induction	Bypass	After 24h	After 48 h	P. value
	Mean±SD	Mean±SD	Mean±SD	Mean±SD	
Less than 48 h Icu length of stay	81 ± 5.07	74.61 ± 8.34	71.48 ± 17.57	78.23 ± 15.5	<0.001**
More than 48 h Icu length of stay	77.33 ± 4.92	74.83 ± 6.32	81.17 ± 19.19	79.17 ± 16.85	0.693

Table (3): 12 hours ventilation

Vent. Hour (number of patients)	Ventilation duration in hours	
	Range	Mean±SD
Vent > 12h (n = 8)	14-48	32.13±15.9
Vent < 12h (n = 56)	2-12	6.62±2.24

Vent=ventilation

Table (4): ScvO₂ and duration of mechanical ventilation:

ScvO₂ % n=66	Induction	Bypass	After 24h	After 48 h	P. value
	Mean±SD	Mean±SD	Mean±SD	Mean±SD	
Less than 12 h Duration of mechanical ventilation	80.09±5.03	74.52±8.29	72.82±17.82	79.07±14.26	0.004**
More than 12 h Duration of mechanical ventilation	83±6.07	77.38±4.96	76.63±21.16	73.75±23.91	0.724

Table (5): Recorded complications in our study

Complications	No.	%
No	54	81.82
Yes	12	18.18
Arrhythmia	6	9
Convulsions	1	1.52
Disturbed conscious level	1	1.52
Bleeding and reopen	2	3.03

Table (6): ScvO₂ and complications:

ScvO₂ % n=66	Induction	Bypass	After 24h	After 48 h	P. value
	Mean±SD	Mean±SD	Mean±SD	Mean±SD	
No Complications	80.53 ± 5.15	74.75 ± 8.48	72.85 ± 18.08	80.2 ± 13.6	0.001**
Yes Complications	79.36 ± 5.64	74.18 ± 4.94	75.7 ± 19.16	68.7 ± 22.28	0.436