

Table (1): Multivariate analysis of clinical variables associated with hypoglycemia

Variables	Hypoglycemia	
	Adjusted OR (CI 95)	P- value
Last meal >12 H	3.6(1.1 – 11.6)	0.034
Disturbed conscious level	1.5 (0.3 – 7.2)	0.579
Tachypnea	0.2 (0.05 – 0.9)	0.029
Hypoxia	4.3 (0.7 – 24.9)	0.105
Malnutrition	1.1 (0.2 – 7.1)	0.950
Anemia	0.0 (0.0)	0.998
Organ failure	1.8 (0.5 – 7.1)	0.386
Intestinal obstruction	4.7 (0.7 – 31.8)	0.111
Shock	0.7 (0.2-2.4)	0.532

Table (2): length of stay according to blood glucose group (N.=300)

Blood glucose	LOS		P-value
	Mean ± SD	Median (Range)	
Normal (N.=235)	8.1± 8.07	6 (1-60)	0.02*
Abnormal (N.= 65)	7.7± 10.02	4 (1-59)	

Table (3): Admission to PICU according blood glucose.

PICU admission	Blood glucose		Total N. (%)	P-value
	Normal N. (%)	Abnormal N. (%)		
Yes	8 (3.4%)	15 (23.1%)	23 (7.7%)	0.000*
No	227 (96.6%)	50 (76.9%)	277 (92.3%)	

Table (4): PICU LOS according to blood glucose group (N.=23)

Blood glucose	PICU LOS		P-value
	Mean ± SD	Median (Range)	
Normal (N.=8)	7.4 ± 2.3	7 (5-11)	0.03*
Abnormal (N.= 15)	4.3 ± 3.3	3 (1-10)	

Table (5): Relation between the outcome and blood glucose (N. =300)

	Blood glucose			P-value
	Hypoglycemic (18) No. (%)	Normal (235) No. (%)	Hyperglycemic (47) No. (%)	
Good				
Yes	5(27.8%)	182(77.4%)	29(61.7%)	0.000*
No	13(72.2%)	53 (22.6%)	18 (38.3%)	
Died				
Yes	10 (55.6%)	28 (11.9%)	12 (25.5%)	0.000*
No	8 (44.4%)	207 (88.1%)	35 (74.5%)	
Discharged on demand				
Yes	2 (11.1%)	12 (5.1%)	12 (25.5%)	0.130
No	16 (88.9%)	223 (94.9%)	35 (74.5%)	
Referred				
Yes	0(0%)	3 (1.3%)	1(2.1%)	0.789
No	18(100%)	232 (98.7%)	46(97.9%)	
With squeals				
Yes	1 (5.6%)	10 (4.3%)	5 (10.6%)	0.206
No	17 (94.4%)	225 (95.7%)	42 (89.4%)	