

Table 1. General characteristics of the patients.

Parameter	Range	Mean and SD ±
MAP (mmHg)	45-109	79.19 ±19.67
HR	69-123	87 ±8.17
RR	18-33	25.97 ±4.1
PaO₂	44-75	56 ± 8.16
PaCO₂	29-70	44_±13.5
APACHE II SCORE	5-24	11.1 ±4.49
PH	7.12-7.40	7.17 ± 0.712
Temp	37.2°-39.4°	37.9° ±0.39°

MAP = Mean arterial pressure HR=hear rate RR= respiratory rate
 APACHE II SCORE=acute physiology and chronic health evaluation.
 Temp = temperature

Table 2: primary diagnosis of the patients at admission

Admission diagnosis	No (percentage)
Traumatic brain injury	57 (52.8)
Stroke	10 (9.2)
Postoperative complication	22 (20.4)
Guillain-Barré syndrome	3 (2.7)
Major Burn	5 (4.6)
COPD exacerbation	11(10.3)

Table 3: Accuracy of lung ultrasound in diagnosis of ventilator-associated pneumonia

Sensitivity	Specificity	PPV	NPV	Accuracy	+ LR	-LR	Cohen's kappa
94.87%	98.55%	97.37%	97.14%	97.22%	68	0.05	0.7305

PPV=positive predictive value

NPV= negative predictive value

Table 4: accuracy of different patterns in lung ultrasound in diagnosis of ventilator-associated pneumonia

	Air bronchogram	C line	Shred sign
Sensitivity	92.31 %	91.67%	100 %
Specificity	100 %	50 %	100 %
PPV	100 %	91.67 %	100 %
NPV	66.67 %	50 %	100 %