

Table 1: Demographic characteristics of the studied populations (68)

Variable	Number	Percent
Age (year)		
Mean ± SD	57.8±18.2	
Median (range)	63 (20-92)	
Gender		
Females	29	(42.7%)
Males	39	(57.3%)
Occupation		
Housewife	27	(39.6%)
Farmer	16	(23.5%)
Worker	14	(20.6%)
Teacher	5	(7.4%)
Employer	4	(5.9%)
Lawyer	1	(1.5%)
Policeman	1	(1.5%)
Smoking status		
Currant	13	(19.1%)
Ex-smoker	20	(28.4%)
Non-smoker	35	(52.5%)
Smoking index		
Mild	2	(6 %)
Moderate	13	(39%)
Sever	18	(54%)

Table 2: Comparison of arterial blood gases parameters among different types of shock

Variable	Cardiogenic N=11	Hypovolemic N=4	Obstructive N=19	Septic N=30	Mixed N=2	Not defined N=2	P value
PH							
Mean ± SD	7.3±0.1	7.3±0.2	7.4±0.1	7.3±0.1	7.2±0.1	7.4±0.1	0.04
Median	7.3 (7.1-7.5)	7.3(7.0-7.4)	7.4 (7.2-7.5)	7.3 (6.9-7.5)	7.2 (7.1-7.3)	7.4 (7.4-7.5)	
(range)							
PaCO2 (mmHg)							
Mean ± SD	58.9±26.9	67.8±23.6	43.6±22.3	64.7±23.4	47.5±17.7	21.5±6.4	0.01
Median	50 (27-110)	60.5 (48-102)	35 (20-91)	64.5 (23-107)	47.5 (35-60)	21.5 (17-26)	
(range)							
PaO2(mmHg)							
Mean ± SD	57.1±15.5	64.3±20.5	56.1±10.4	57.8±13.0	55.0±11.3	65.0±7.1	0.85
Median	57 (38-90)	57.5 (49-93)	54 (41-82)	52 (40-90)	55 (47-63)	65 (60-70)	
(range)							
SaO2%							
Mean ± SD	84.4±9.3	83.0±12.4	83.2±9.6	82.6±11.1	78.0±18.4	89.5±7.8	0.92
Median	83 (68-99)	85 (67-95)	85 (60-95)	83.5 (50-99)	78 (65-91)	89.5 (84-95)	
(range)							
HCO3 (mEq/L)							
Mean ± SD	26±7.5	25.8±5.1	23.9±7.2	27.4±9	28.5±16.3	24.0±2.8	0.84
Median	27 (11-38)	26.5 (20-30)	22 (7-34%)	26 (13-48)	28.5 (17-40)	24.0 (22-26)	
(range)							

Table 3: Comparison among different types of shock according to chest x-ray finding

Variable	Cardiogenic N=11	Hypovolemic N=4	Obstructive N=19	Septic N=30	Mixed N=2	Not defined N=2	P value
Hyperinflation	1 (10%)	2 (50%)	4 (33.3%)	8 (38.1%)	1 (100%)	0	0.003
Consolidation	0	0	0	6 (28.6%)	0	0	
Cardiomegaly	8 (80%)	0	1 (8.33%)	1 (4.8)	0	0	
Plural effusion	0	1 (25%)	2 (16.7%)	5 (23.8%)	0	0	
Raised copula of diaphragm	0	0	2 (16.7%)	0	0	0	
Reticular shadow	1 (10)	1 (25%)	0	0	0	0	
Cannon ball	0	0	1 (8.3%)	0	0	0	
Hilar shadow	0	0	0	1 (4.8%)	0	0	
Normal	0	0	2 (16.7%)	0	0	0	

Table 4: Chest US finding in studied population (68)

Chest US finding	Number (%)
Normal	6 (8.8%)
Consolidation	21 (30.9%)
Effusion	29(42.6%)
B lines	6 (8.8%)
Pneumothorax	2 (2.9%)
Lung mass	1 (1.5%)
Hypoechoic lesion suggestive pulmonary embolism	2 (2.9%)
Pyopneumothorax	1 (1.5%)

Table 5: Comparison among different types of shock according to chest US finding

Chest US finding	Cardiogenic N=11	Hypovolemic N=4	Obstructive N=19	Septic N=30	Mixed N=2	Not defined N=2	P value
Normal	2 (18.2%)	1 (25%)	2 (10.5%)	1 (3.3%)	0	0	0.04
Consolidation	1 (9.1%)	1 (25%)	3 (15.8%)	14 (46.7%)	1 (50%)	1 (50%)	
Effusion	3 (27.3%)	1 (25%)	9 (47.3%)	14 (46.7%)	1 (50%)	1 (50%)	
B lines	5 (45.5%)	1 (25%)	0	0	0	0	
Pneumothorax	0	0	2 (10.5%)	0	0	0	
Lung mass	0	0	1 (5.3%)	0	0	0	
Hypo echoic lesion suggest Pulmonary embolism	0	0	2 (10.5%)	0	0	0	
Pyopneumothorax	0	0	0	1 (3.3%)	0	0	

