

Table 1: Clinical data of critically ill children (AKI patients vs. non- AKI patients).

	Non AKI	AKI	P VALUE
Number	36(52.94%)	32(47.06%)	
Age(month)	29.41±32.16	9.34±12.57	0.0001
Highest serum creatinine(mg/dl)	0.46±0.13	1.32±0.89	<0.0001
Estimated glomerular filtration rate(ml/min/1.73m ²)	93.63±23.28	35.68±16.90	<0.0001
Urine output *			
Normal	36 (100%)	22 (68.75%)	<0.0001
Low	0	10 (31.25%)	
Hypervolemia*			
No	36 (100%)	23 (71.88%)	0.001
Yes	0	9 (28.13%)	
Inotropes*			
No	27 (75.00%)	11 (34.38%)	<0.0001
Yes	9 (25%)	21 (65.62%)	
Mechanical ventilation *			
No	31 (86.11%)	12 (37.50%)	<0.0001
Yes	5 (13.89%)	20 (62.50%)	
Need RRT*			
No	36 (100%)	23 (71.88%)	0.001
Yes	0	9 (28.13%)	
PRISM III score	9.64±4.40	20.17±6.65	<0.0001
Length of stay (day)	12.33±5.5	9.47±5.35	0.007
Outcome*			
Good	33(91.67%)	12 (37.50%)	<0.0001
Dead	3 (8.33%)	20 (62.50%)	

Data are represented as mean and standard deviation except represented as frequency.

PRISM III=pediatric risk of mortality, RRT= renal replacement therapy

Table 2:Comparison among stages of acute renal injury (AKI)

Variables	Stage 1	Stage 2	Stage 3	P value
Number	8 (11.76%)	13(19.12%)	11(16.18%)	
Urine output				
Normal	8 (100%)	11 (84.62%)	3 (27.27%)	0.001
Low	0	2 (15.38%)	8 (72.73%)	
Hypervolemia				
No	8 (100%)	12 (92.31%)	3 (27.27%)	<0.0001
Yes	0	1 (7.69%)	8 (72.73%)	
Pulmonary edema				
No	8 (100%)	13 (100%)	9 (81.82%)	0.13
Yes	0	0	2 (18.18%)	
PRISM				
Mean $\pm$ SD	15.44 $\pm$ 4.74	18.38 $\pm$ 5.97	25.73 $\pm$ 4.76	0.002
(range)	(9-20.5)	(7-27.5)	(17-30)	
Length of stay (day)				
Mean $\pm$ SD	11.28 $\pm$ 6.63	11.0 $\pm$ 5.82	6.36 $\pm$ 1.12	0.04
(range)	(4-25)	(3-21)	(4-8)	
Outcome				
Good	4 (50.00%)	8 (61.54%)	0	0.006
Dead	4 (50.00%)	5 (38.46%)	11 (100%)	