

	<b>Non-progressors (n=53)</b>	<b>Progressors (n=27)</b>	
<b>Variables</b>	<b>Mean ± SD</b>	<b>Mean ± SD</b>	<b>P</b>
<b>Mean BP (mmHg)</b>	84.82 ± 23.28	69.81 ± 21.64	0.007
<b>APACHE II Score</b>	17.79 ± 8.15	20.81 ± 4.60	0.037
<b>Length of ICU stay (days)</b>	7.02 ± 6.63	11.85 ± 10.96	0.006
<b>Albumin (g/dL)</b>	2.23 ± 0.63	1.84 ± 0.56	0.008
<b>PO<sub>4</sub> (mg/dL)</b>	4.19 ± 1.54	5.22 ± 1.71	0.006
<b>Basal urea (mg/dL)</b>	65.02 ± 23.54	89.22 ± 12.27	<0.001
<b>Basal SCr (mg/dL)</b>	1.20 ± 0.62	2.25 ± 0.86	<0.001
<b>SCr at presentation (mg/dL)</b>	2.69 ± 1.94	3.77 ± 1.15	<0.001
<b>SCr at discharge (mg/dL)</b>	1.81 ± 1.25	2.89 ± 1.15	<0.001
<b>BP: Blood Pressure, APACHE: Acute Physiology and Chronic Health Evaluation, ICU: Intensive Care Unit, PO<sub>4</sub>: Phosphorus, SCr: Serum Creatinine</b>			

**Table S1:** Comparison between progressors and non-progressors as regards clinical and laboratory data.

	<b>No RRT (n=48)</b>	<b>RRT (n=32)</b>	
<b>Variables</b>	<b>Mean ± SD</b>	<b>Mean ± SD</b>	<b>P</b>
<b>Heart Rate (beats/min)</b>	92.88 ± 20.20	82.38 ± 22.41	0.018
<b>APACHE II Score</b>	16.54 ± 7.39	22.22 ± 5.63	<0.001
<b>SOFA Score</b>	7.94 ± 3.24	10.19 ± 3.52	0.008
<b>Hb (g/dL)</b>	10.63 ± 2.60	9.10 ± 2.60	0.012

<b>PO<sub>4</sub> (mg/dL)</b>	3.96 ± 1.17	5.40 ± 1.93	<0.001
<b>Basal urea (mg/dL)</b>	64.75 ± 23.44	85.84 ± 16.89	<0.001
<b>Basal SCr (mg/dL)</b>	1.19 ± 0.64	2.09 ± 0.88	<0.001
<b>SCr at presentation (mg/dL)</b>	2.06 ± 1.14	4.54 ± 1.52	<0.001
<b>SCr at discharge (mg/dL)</b>	1.62 ± 1.01	3.00 ± 1.31	<0.001
<b>APACHE: Acute Physiology and Chronic Health Evaluation, SOFA: Sequential Organ Failure Assessment, Hb: Hemoglobin, PO<sub>4</sub>: Phosphorus, SCr: Serum Creatinine</b>			

**Table S2:** Comparison between RRT and no RRT as regards clinical and laboratory data.

	<b>Survivors (n=36)</b>	<b>Non-survivors (n=44)</b>	
<b>Variables</b>	<b>Mean ± SD</b>	<b>Mean ± SD</b>	<b>P</b>
<b>APACHE II Score</b>	16.03 ± 7.87	21.09 ± 5.89	0.002
<b>SOFA Score</b>	7.31 ± 3.09	10.09 ± 3.37	<0.001
<b>Plt (×10<sup>3</sup>/mm<sup>3</sup>)</b>	211.528 ± 118.033	151.773 ± 107.911	0.008
<b>Lactate (mEq/L)</b>	1.88 ± 1.56	3.26 ± 1.71	<0.001
<b>AST (U/L)</b>	99.03 ± 225.63	169.84 ± 288.37	0.008
<b>Albumin (g/dL)</b>	2.32 ± 0.62	1.91 ± 0.59	0.004
<b>Total bilirubin (mg/dL)</b>	1.06 ± 0.89	2.26 ± 2.36	0.006
<b>PT (sec)</b>	15.40 ± 3.58	24.06 ± 10.83	<0.001
<b>PTT (sec)</b>	38.78 ± 8.63	50.58 ± 20.14	0.006
<b>INR</b>	1.36 ± 0.33	2.09 ± 0.94	<0.001

<b>Basal urea (mg/dL)</b>	62.19 ± 24.05	82.18 ± 18.72	<0.001
<b>Basal SCr (mg/dL)</b>	1.13 ± 0.64	1.90 ± 0.88	<0.001
<b>SCr at presentation (mg/dL)</b>	2.46 ± 1.83	3.54 ± 1.61	<0.001
<b>SCr at discharge (mg/dL)</b>	1.37 ± 0.97	2.83 ± 1.20	<0.001
<b>APACHE: Acute Physiology and Chronic Health Evaluation, SOFA: Sequential Organ Failure Assessment, Plt: Platelets, AST: Aspartate Aminotransferase, PT: Prothrombin Time, PTT: Partial Thromboplastin Time, INR: International Normalized Ratio, SCr: Serum Creatinine</b>			

**Table S3:** Comparison between survivors and non-survivors as regards clinical and laboratory data.

	<b>Length of ICU Stay</b>		<b>SCr at Discharge</b>	
<b>Variables</b>	<b>Mean ± SD</b>	<b>P</b>	<b>Mean ± SD</b>	<b>P</b>
<b>CKD</b>				
No CKD	8.09 ± 7.76	0.285	1.82 ± 1.21	<0.001 <sup>*</sup>
Known to be CKD	9.96 ± 10.34		3.00 ± 1.20	
<b>HTN</b>				
Not Hypertensive	7.31 ± 7.35	0.046 <sup>*</sup>	2.10 ± 1.31	0.614
Hypertensive	9.69 ± 9.39		2.23 ± 1.33	
<b>Liver Disease</b>				
Absent	9.74 ± 9.75	0.189	1.90 ± 1.34	0.008 <sup>*</sup>
Present	7.18 ± 6.56		2.54 ± 1.21	

<b>Stage of Sepsis</b>				
No Sepsis	10.09 ± 12.66	0.295	1.94 ± 1.40	0.007*
SIRS	8.50 ± 9.27		1.02 ± 0.52	
Sepsis	11.92 ± 8.61		1.83 ± 1.27	
Severe Sepsis	6.58 ± 5.30		2.38 ± 1.37	
Septic Shock	6.93 ± 4.10		2.70 ± 1.17	
<b>Progression</b>				
Non-progressors	7.02 ± 6.63	0.020*	1.81 ± 1.25	<0.001*
Progressors	11.85 ± 10.96		2.89 ± 1.15	
<b>Need for RRT</b>				
No	7.29 ± 7	0.07	1.62 ± 1	<0.001*
Yes	10.69 ± 10.32		3 ± 1.3	
<b>ICU Mortality</b>				
Survivors	9.97 ± 10.08	0.344	1.37 ± 0.97	<0.001*
Non-survivors	7.57 ± 7.07		2.83 ± 1.2	
*: Statistically significant at p ≤ 0.05, ICU: Intensive Care Unit, SCr: Serum Creatinine, CKD: Chronic Kidney Disease, HTN: Hypertension, SIRS: Systemic Inflammatory Response Syndrome, RRT: Renal Replacement Therapy				

**Table S4:** Associations between the length of ICU stay and SCr at discharge and different clinical conditions.

Variables	Length of ICU Stay		SCr at Discharge	
	r	P	r	P
Age	0.005	0.964	0.258	0.021*
APACHE II Score	0.137	0.225	0.568	<0.001*
SOFA Score	0.026	0.821	0.524	<0.001*
Hb	-0.081	0.478	-0.326	0.003*
Plt	-0.043	0.704	-0.268	0.016*
Lactate	0.04	0.722	0.355	0.001*
AST	-0.238	0.033*	0.14	0.216
ALT	-0.372	0.001*	-0.062	0.587
Albumin	-0.217	0.054	-0.377	0.001*
PT	-0.152	0.177	0.306	0.006*
PTT	-0.065	0.568	0.307	0.006*
INR	-0.142	0.210	0.312	0.005*
Na	0.149	0.186	-0.257	0.021*
Ca	-0.339	0.002*	0.007	0.953
PO <sub>4</sub>	0.120	0.290	0.245	0.029*
Basal urea	0.056	0.619	0.609	<0.001*
Basal SCr	0.141	0.211	0.707	<0.001*
SCr at Presentation	0.156	0.167	0.768	<0.001*

r: Spearman's coefficient, \*: Statistically significant at  $p \leq 0.05$ , ICU: Intensive Care Unit, SCr: Serum Creatinine, APACHE: Acute Physiology and Chronic Health Evaluation, SOFA: Sequential Organ Failure Assessment, Hb: Hemoglobin, Plt: Platelets, AST: Aspartate Aminotransferase, ALT: Alanine Aminotransferase, PT: Prothrombin Time, PTT: Partial

Thromboplastin Time, INR: International Normalized Ratio, Na: Sodium, Ca: Calcium,  
PO<sub>4</sub>: Phosphorus

**Table S5:** Correlations between the length of ICU stay and SCr at discharge and different clinical and laboratory parameters.