

Supplementary Table 1. Hazard ratio of baseline characteristics in Cox Regression Outcome Risk Score (ORS) model. All baseline characteristics of the study sample are reported in table with the estimated hazard ratio values and its significance level (p-value) in the ORS model.

Variable	Reference Category	Coefficient Estimate	Std error coefficient	p-value	Hazard Ratio (HR)
Age		0.04034	0.00785	<.0001	1.041
Gender (Male)	Female	-0.05675	0.17504	0.7458	0.945
Etiology: Glomerulonephritis	Metabolic Syndrome	0.50829	0.23133	0.028	1.662
Etiology: Polycystic Syndrome	Metabolic Syndrome	0.41334	0.40548	0.308	1.512
Etiology: Other	Metabolic Syndrome	0.26505	0.19385	0.1715	1.303
Vascular Access: Catheter	Fistula	0.60411	0.15869	0.0001	1.83
Dialysis Modality: HD	HDF	0.34628	0.16237	0.0329	1.414
Smoking Status: missing	no-smoker	0.43177	0.21073	0.0405	1.54
Smoking Status: Smoker/Ex-smoker	no-smoker	0.62262	0.24372	0.0106	1.864
Haemoglobin (g/dl): 10-12	<10	-0.12386	0.2826	0.6612	0.884
Haemoglobin (g/dl) >12	<10	0.12965	0.30874	0.6745	1.138
Calcium (mg/dl): 8.4-10	<8.4	0.64489	0.22817	0.0047	1.906
Calcium (mg/dl): >10	<8.4	0.5718	0.44115	0.1949	1.771
Phosphate (mg/dl): 2.5-5.5	<2.5	-0.39174	0.2985	0.1894	0.676
Phosphate (mg/dl): >5.5	<2.5	-0.57397	0.39814	0.1494	0.563
Albumin (g/dl): >3.5	<3.5	-0.82317	0.19194	<.0001	0.439
Kt/V: 1.2-1.4	<1.2	-0.74159	0.52836	0.1604	0.476
Kt/V: >1.4	<1.2	-0.44155	0.40573	0.2765	0.643
Pth (ng/l): 130-575	<130	-0.14831	0.18829	0.4309	0.862
Pth (ng/l): >575	<130	-0.41077	0.31436	0.1913	0.663

QUALITY OF LIFE AND SURVIVAL IN DIALYSIS

Atherosclerotic heart disease	1	0.25729	0.25741	0.3175	1.293
Congestive heart failure	1	-0.37752	0.16381	0.0212	0.686
Cerebrovascular Disease	1	-0.33113	0.18972	0.0809	0.718
Peripheral Vascular Disease	1	0.22622	0.19131	0.237	1.254
Dysrhythmia	1	-0.0933	0.16694	0.5762	0.911
Cardiovascular Diseases (other)	1	-0.46874	0.17116	0.0062	0.626
COPD	1	-0.41306	0.18966	0.0294	0.662
Gastro Intestinal Bleeding	1	-0.07177	0.22279	0.7474	0.931
Peripheral Vascular Disease	1	-0.37025	0.25146	0.1409	0.691
Cancer	1	0.23247	0.33104	0.4825	1.262
Diabetes	1	-0.25419	0.1678	0.1298	0.776
Hypertension	1	-0.14605	0.17177	0.3952	0.864

ORS: Outcome Risk Score; COPD: Chronic Obstructive Pulmonary Disease; HD: Hemodialysis; HDF Hemodiafiltration.

Supplementary Table 2. Odds ratio of baseline characteristics in Hospitalization Logistic Regression Outcome Risk Score (ORS) Model. All baseline characteristics of the study sample are reported in table with the estimated odds ratio values and its significance level (p-value) in the ORS model.

Variable	Reference Category	Coefficient Estimate	Std error coefficient	p-value	Odds Ratio (OR)
Age		0.00455	0.00379	0.2295	1.005
Gender (Male)	Female	0.0371	0.0536	0.4884	1.077
Etiology: Glomerulonephritis	Metabolic Syndrome	0.0219	0.1003	0.8272	0.924
Etiology: Polycystic Syndrome	Metabolic Syndrome	0.0137	0.1622	0.9328	0.916
Etiology: Other	Metabolic Syndrome	-0.1369	0.0836	0.1015	0.788
Vascular Access: Catheter	Fistula	0.1206	0.0533	0.0237	1.273
Dialysis Modality: HD	HDF	-0.0519	0.0517	0.3147	0.901
Smoking Status: missing	no-smoker	-0.0347	0.0655	0.5959	1.049
Smoking Status: Smoker/Ex-smoker	no-smoker	0.1175	0.0807	0.1453	1.222
Haemoglobin (g/dl): 10-12	<10	0.0773	0.0781	0.3224	1.137
Haemoglobin (g/dl) >12	<10	-0.0259	0.0907	0.7754	1.026
Calcium (mg/dl): 8.4-10	<8.4	0.1065	0.0915	0.2445	0.979
Calcium (mg/dl): >10	<8.4	-0.2346	0.1573	0.1359	0.696
Phosphate (mg/dl): 2.5-5.5	<2.5	-0.0985	0.0993	0.3214	0.855
Phosphate (mg/dl): >5.5	<2.5	0.04	0.1238	0.7468	0.982
Albumin (g/dl): >3.5	<3.5	-0.0856	0.0844	0.3107	0.843
Kt/V: 1.2-1.4	<1.2	-0.0425	0.1696	0.8021	0.796
Kt/V: >1.4	<1.2	-0.1438	0.1326	0.2781	0.719
Pth (ng/l): 130-575	<130	-0.0882	0.07	0.2077	0.911

QUALITY OF LIFE AND SURVIVAL IN DIALYSIS

Pth (ng/l): >575	<130	0.0831	0.0999	0.4055	1.081
Atherosclerotic heart disease	1	-0.088	0.0876	0.3154	0.839
Congestive heart failure	1	-0.0735	0.0573	0.1997	0.863
Cerebrovascular Disease	1	-0.0061	0.0716	0.9321	0.988
Peripheral Vascular Disease	1	-0.0349	0.0649	0.5907	0.933
Dysrhythmia	1	-0.0408	0.0591	0.4899	0.922
Cardiovascular Diseases		0.011	0.059		
(other)	1			0.8521	1.022
COPD	1	-0.3688	0.0776	<.0001	0.478
Gastro Intestinal Bleeding	1	-0.1299	0.0801	0.105	0.771
Peripheral Vascular Disease	1	-0.1131	0.09	0.2088	0.797
Cancer	1	-0.088	0.1103	0.425	0.839
Diabetes	1	-0.1348	0.0555	0.0151	0.764
Hypertension	1	-0.0222	0.0527	0.6731	0.957

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Supplementary Table 3. Risk Ratio in Hospitalization days Negative Binomial Outcome Risk Score (ORS) Model. All baseline characteristics of the study sample are reported in table with the estimated risk ratio values and its significance level (p-value) in the ORS model.

Variable	Reference Category	Coefficient Estimate	Std error coefficient	p-value	Risk Ratio (RR)
Age		-0.0029	0.0044	0.507	0.9971
Gender (Male)	Female	0.1216	0.125	0.3308	1.1293
Etiology: Glomerulonephritis	Metabolic Syndrome	-0.0035	0.1761	0.9844	0.9965
Etiology: Polycystic Syndrome	Metabolic Syndrome	-0.0721	0.2709	0.7901	0.9304
Etiology: Other	Metabolic Syndrome	-0.1198	0.1449	0.4087	0.8871
Vascular Access: Catheter	Fistula	0.4582	0.1224	0.0002	1.5812
Dialysis Modality: HD	HDF	-0.0407	0.1217	0.7383	0.9601
Smoking Status: missing	no-smoker	0.0245	0.1432	0.8643	1.0248
Smoking Status: Smoker/Ex-smoker	no-smoker	0.1732	0.1657	0.296	1.1891
Haemoglobin (g/dl): 10-12	<10	-0.1165	0.2197	0.5959	0.8900
Haemoglobin (g/dl) >12	<10	-0.188	0.2371	0.4277	0.8286
Calcium (mg/dl): 8.4-10	<8.4	0.0762	0.1389	0.5832	1.0792
Calcium (mg/dl): >10	<8.4	-0.0574	0.2827	0.8391	0.9442
Phosphate (mg/dl): 2.5-5.5	<2.5	-0.4673	0.3064	0.1272	0.6267
Phosphate (mg/dl): >5.5	<2.5	-0.5541	0.3497	0.1132	0.5746
Albumin (g/dl): >3.5	<3.5	-0.1734	0.19	0.3613	0.8408
Kt/V: 1.2-1.4	<1.2	0.0298	0.4118	0.9423	1.0302
Kt/V: >1.4	<1.2	0.0102	0.3562	0.9771	1.0103
Pth (ng/l): 130-575	<130	0.1315	0.143	0.358	1.1405
Pth (ng/l): >575	<130	0.1583	0.2053	0.4407	1.1715

QUALITY OF LIFE AND SURVIVAL IN DIALYSIS

Atherosclerotic heart disease	1	0.0483	0.1983	0.8077	1.0495
Congestive heart failure	1	-0.0489	0.129	0.7044	0.9523
Cerebrovascular Disease	1	-0.0967	0.1639	0.5551	0.9078
Peripheral Vascular Disease	1	0.0035	0.1481	0.9813	1.0035
Dysrhythmia	1	-0.2114	0.1347	0.1166	0.8095
Cardiovascular Diseases (other)	1	-0.1332	0.1326	0.3149	0.8753
COPD	1	-0.3678	0.166	0.0268	0.6923
Gastro Intestinal Bleeding	1	-0.4309	0.1798	0.0165	0.6499
Peripheral Vascular Disease	1	-0.2247	0.2053	0.2736	0.7988
Cancer	1	-0.1136	0.2515	0.6515	0.8926
Diabetes	1	-0.3415	0.1309	0.0091	0.7107
Hypertension	1	-0.1006	0.1201	0.4026	0.9043

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