

Demographic factors and health-related quality of life in dialysis-dependent chronic kidney disease patients: a cross-sectional analysis

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Table S1: Baseline Characteristics of the SF-36 items Health survey Patients Evaluated Through Binary Logistic Regression Analysis

Variables	N	PF	RP	BP	GH	EWB	RE	SF	EF
Patient Type									
OPD	91	22.69 ± 14.47	9.07 ± 20.24	39.36 ± 15.68	23.57 ± 12.69	48.22 ± 8.66	7.69 ± 17.26	35.85 ± 15.72	40.82 ± 12.00
IPD	13	22.31 ± 11.10	11.54 ± 19.40	31.15 ± 14.38	24.70 ± 13.99	47.38 ± 11.64	7.69 ± 14.61	35.57 ± 13.35	38.46 ± 6.25
OR	--	0.999	1.009	0.957	1.013	0.972	1.000	1.015	0.987
<i>p</i> -value	--	0.956	0.568	0.058	0.595	0.422	0.996	0.532	0.477
Age									
≤ 50	35	23.14 ± 13.50	11.43 ± 19.50	37.21 ± 15.66	29.74 ± 10.72	46.29 ± 8.47	7.61 ± 16.34	38.57 ± 15.27	39.43 ± 8.20
> 50	69	22.39 ± 14.41	8.33 ± 20.41	38.91 ± 15.79	20.65 ± 12.74	49.04 ± 9.20	7.72 ± 17.28	34.42 ± 15.37	41.09 ± 12.80
OR	--	1.008	0.986	1.027	0.927	1.076	1.000	0.962	1.031
<i>p</i> -value	--	0.659	0.288	0.104	< 0.001	0.017	0.992	0.041	0.202
Gender									
Male	70	24.07 ± 14.37	10.00 ± 21.86	38.46 ± 15.73	23.28 ± 13.15	48.34 ± 8.36	7.14 ± 16.92	36.25 ± 15.66	40.21 ± 11.27
Female	34	19.71 ± 13.08	8.09 ± 15.95	38.08 ± 15.85	24.59 ± 12.17	47.65 ± 10.39	8.82 ± 17.03	34.92 ± 15.00	41.18 ± 11.93
OR	--	0.971	0.994	1.003	1.015	0.997	1.012	0.999	1.007
<i>p</i> -value	--	0.100	0.642	0.820	0.382	0.902	0.406	0.933	0.737
Marital Status									
Married	94	22.13 ± 14.03	8.24 ± 19.18	37.60 ± 15.54	22.81 ± 12.85	48.00 ± 9.29	7.80 ± 17.23	34.97 ± 15.29	40.53 ± 11.53
Unmarried	10	27.50 ± 13.99	20.00 ± 25.82	45.25 ± 16.26	32.12 ± 8.93	49.20 ± 6.26	6.66 ± 14.05	43.75 ± 14.73	40.50 ± 11.16
OR	--	0.997	1.034	1.028	1.061	1.002	0.998	1.038	0.977
<i>p</i> -value	--	0.913	0.049	0.273	0.068	0.964	0.667	0.219	0.515
Residential Status									
Rural	48	21.25 ± 14.38	9.38 ± 19.72	36.97 ± 14.82	23.54 ± 12.83	46.58 ± 9.74	7.63 ± 15.73	36.19 ± 15.52	40.83 ± 12.64
Urban	56	23.84 ± 13.78	9.38 ± 20.54	39.50 ± 16.45	23.86 ± 12.88	49.43 ± 8.23	7.73 ± 17.96	35.49 ± 15.40	40.27 ± 10.41
OR	--	1.010	0.998	1.017	0.998	1.048	0.999	0.987	0.993
<i>p</i> -value	--	0.528	0.836	0.245	0.923	0.063	0.948	0.362	0.713
History of Past Disease									
Yes	67	22.31 ± 14.88	8.58 ± 20.66	38.13 ± 15.69	20.37 ± 12.56	48.18 ± 9.73	7.46 ± 17.23	32.83 ± 15.04	41.34 ± 12.32
No	37	23.24 ± 12.59	10.81 ± 19.31	38.71 ± 15.90	29.76 ± 11.00	48.00 ± 7.71	8.10 ± 16.49	41.21 ± 14.69	39.05 ± 9.63
OR	--	0.980	1.008	0.987	1.085	0.974	1.018	1.068	0.945
<i>p</i> -value	--	0.298	0.541	0.424	< 0.001	0.401	0.281	0.002	0.030
Recommended for Fistula									
Yes	62	22.82 ± 13.56	10.08 ± 21.45	39.03 ± 16.39	22.60 ± 13.56	48.26 ± 9.55	8.06 ± 17.87	33.06 ± 14.68	40.08 ± 10.69
No	42	22.38 ± 14.90	8.33 ± 18.03	37.32 ± 14.73	25.35 ± 11.55	47.90 ± 8.31	7.14 ± 15.67	39.88 ± 15.67	41.19 ± 12.58
OR	--	1.007	1.005	1.018	0.983	1.025	0.996	0.963	0.997
<i>p</i> -value	--	0.680	0.689	0.232	0.317	0.333	0.758	0.018	0.882

OPD – Out-Patient Department; IPD – In-Patient Department; OR – Odds Ratio; PF – Physical Functioning; RP – Role Physical; BP – Bodily Pain; GH – General Health; EWB – Emotional Well-Being; RE – Role Emotional; SF – Social Functioning; EF – Energy/Fatigue.

Table S2: Baseline Characteristics of the SF-36 items Health survey Patients Evaluated Through Multinomial Logistic Regression Analysis

Variables	N	PF	OR (p value)	RF	OR (p-value)	BP	OR (p-value)	GH	OR (p-value)	EWB	OR (p-value)	RE	OR (p-value)	SF	OR (p-value)	EF	OR (p-value)
Education																	
Illiterate	38	20.66 ± 15.16	Reference.	13.82 ± 27.07	Reference.	35.98 ± 14.36	Reference.	21.31 ± 13.33	Reference.	49.37 ± 9.94	Reference.	11.40 ± 17.80	Reference.	34.86 ± 15.69	Reference.	41.97 ± 12.16	Reference.
Matric Pass	48	24.79 ± 13.60	1.030 (0.116)	7.81 ± 14.72	0.989 (0.433)	40.78 ± 17.20	1.010 (0.549)	24.27 ± 12.58	1.016 (0.433)	47.00 ± 8.23	0.961 (0.169)	4.16 ± 13.09	0.969 (0.067)	37.76 ± 13.51	1.008 (0.646)	39.27 ± 11.53	0.987 (0.540)
Graduate	12	22.92 ± 10.75	1.003 (0.914)	6.25 ± 15.54	0.975 (0.269)	39.79 ± 13.95	1.026 (0.361)	28.43 ± 10.37	1.051 (0.101)	51.00 ± 8.71	1.048 (0.306)	13.88 ± 26.43	1.006 (0.750)	32.29 ± 20.26	0.978 (0.370)	42.50 ± 7.23	1.009 (0.769)
Beyond Graduate	6	17.50 ± 16.35	1.005 (0.900)	0.11 ± .01	0.355 (0.226)	30.83 ± 12.90	0.966 (0.306)	25.00 ± 15.16	1.050 (0.196)	43.33 ± 8.54	0.914 (0.090)	1.00 ± 5.00	0.455 (0.266)	33.33 ± 18.81	1.013 (0.711)	37.50 ± 13.69	0.964 (0.512)
Occupation																	
Student	5	25.00 ± 3.53	Reference.	15.00 ± 22.36	Reference.	50.0 ± 16.10	Reference.	36.24 ± 10.23	Reference.	52.80 ± 5.93	Reference.	6.66 ± 14.90	Reference.	52.50 ± 13.69	Reference.	45.00 ± 5.00	Reference.
Employed	27	23.33 ± 14.07	1.160 (0.114)	8.33 ± 16.98	0.986 (0.662)	42.31 ± 12.32	0.886 (0.141)	22.96 ± 10.40	0.888 (0.065)	46.96 ± 7.15	0.807 (0.124)	2.46 ± 8.89	0.920 (0.117)	36.57 ± 12.93	0.895 (0.083)	38.52 ± 10.54	0.976 (0.689)
Unemployed	72	22.22 ± 14.58	1.151 (0.131)	9.38 ± 21.16	0.979 (0.484)	36.04 ± 16.31	0.866 (0.081)	23.12 ± 13.43	0.890 (0.148)	48.22 ± 9.77	0.820 (0.148)	9.72 ± 18.92	0.958 (0.390)	34.37 ± 15.80	0.891 (0.066)	40.97 ± 12.03	0.987 (0.824)
Monthly Income																	
10,000	66	22.20 ± 14.11	Reference.	12.12 ± 22.88	Reference.	37.99 ± 16.94	Reference.	23.65 ± 13.75	Reference.	47.39 ± 9.34	Reference.	9.59 ± 18.27	Reference.	35.41 ± 15.59	Reference.	41.36 ± 12.07	Reference.
25,000	22	24.77 ± 13.13	1.016 (0.419)	5.68 ± 15.29	0.983 (0.336)	40.22 ± 14.30	1.011 (0.534)	22.27 ± 12.97	0.988 (0.584)	49.82 ± 8.70	1.044 (0.207)	4.54 ± 11.79	0.985 (0.453)	37.50 ± 12.79	1.003 (0.862)	37.95 ± 8.11	0.973 (0.278)
50,000	10	23.00 ± 16.70	1.009 (0.756)	5.00 ± 10.54	0.982 (0.530)	38.58 ± 14.58	1.009 (0.724)	25.50 ± 4.37	1.011 (0.707)	52.40 ± 7.16	1.080 (0.115)	7.69 ± 16.89	0.464 (1.000)	38.75 ± 19.04	0.999 (0.969)	42.00 ± 13.16	1.004 (0.911)
1,00,000	6	19.17 ± 14.63	0.994 (0.868)	9.38 ± 20.06	1.019 (0.361)	34.58 ± 8.12	0.983 (0.600)	26.66 ± 12.11	1.034 (0.324)	42.67 ± 6.53	0.959 (0.354)	11.11 ± 27.21	1.004 (0.871)	29.16 ± 17.07	0.993 (0.837)	38.33 ± 12.91	0.978 (0.662)
Diagnosis																	
Freshly Diagnosed	66	24.17 ± 14.87	Reference.	8.71 ± 19.36	Reference.	40.15 ± 15.94	Reference.	25.32 ± 12.13	Reference.	48.24 ± 8.32	Reference.	10.60 ± 19.53	Reference.	36.93 ± 15.10	Reference.	39.77 ± 12.03	Reference.
Known Case	35	19.57 ± 12.62	0.998 (0.901)	10.00 ± 21.17	1.019 (0.155)	35.64 ± 14.97	0.982 (0.259)	20.14 ± 13.69	0.967 (0.087)	46.97 ± 10.09	0.975 (0.383)	2.85 ± 9.46	0.944 (0.011)	32.85 ± 16.06	0.979 (0.201)	41.43 ± 10.54	1.035 (0.132)
Referred Case	3	25.00 ± 5.00	1.109 (0.248)	16.67 ± 28.86	1.109 (0.142)	30.00 ± 16.39	0.855 (0.219)	30.00 ± 10.00	1.012 (0.855)	58.67 ± 4.61	1.693 (0.135)	7.69 ± 16.89	0.896 (0.408)	45.83 ± 7.21	1.045 (0.493)	46.67 ± 7.63	1.106 (0.168)

*Value in parentheses () represents the *P*-values across the different groups.Reference category 1.

Table S3:Distribution of Past Disease History by Diagnosis Categories

Diagnosis	History of Past Disease		Total <i>N</i> (%)
	Yes	No	
	<i>N</i> (%)	<i>N</i> (%)	
Freshly Diagnosed	30 (44.8)	36 (97.3)	66 (63.5)
Known Case	35 (52.2)	0 (0)	35 (33.7)
Referred Case	02 (3.0)	01 (2.7)	03 (2.9)

*The P-value is statistically significant ($P < 0.05$).