

	<b>Incremental Centre</b>	<b>Standard schedule</b>	<b>p-value</b>
Age (years)	63 ± 16	65 ± 16	NS
% Male	65	62	NS
Ethnicity - % White	81	63	<0.001
Weight (kg)	76 ± 19	75 ± 18	NS
Vintage (months)	29 (64)	37 (55.25)	0.005
Anuria (%)	55	55	NS
Previous Transplant (%)	15	17	NS
Heart Disease (%)	32	32	NS
Diabetes (%)	31	35	NS
Cancer (%)	11	11	NS
Past Depression (%)	26	24	NS
Living with Partner (%)	56	47	0.067
Haemoglobin (g/l)	110 ± 12	112 ± 12	NS
Albumin (g/l)	37 ± 4	38 ± 5	NS
Kt/V	1.34 ± 0.30	1.5 ± 0.32	<0.001
Pre-dialysis Systolic BP (mm Hg)	149 ± 25	139 ± 24	<0.001
Pre-dialysis Diastolic BP (mm Hg)	77 ± 16	71 ± 16	<0.001
Post-dialysis Systolic BP (mm Hg)	139 ± 24	129 ± 24	<0.001
Post-dialysis Diastolic BP (mm Hg)	71 ± 15	68 ± 14	<0.001
Pre-dialysis Systolic BP <120mm Hg	14	23	<0.001
Post-dialysis Systolic BP <100 mm Hg	4.3	9.7	<0.001
BDI-II	10 (13)	11 (16)	NS
PHQ-9	4 (8)	6 (9)	NS

Table 1. Patient demographics in those dialysing in the centre practicing incremental dialysis and those using a standard schedule. Beck depression index (BDI), public health questionnaire (PHQ). Data presented as integer, mean and standard deviation or percentage.

variable	<1hr	>1hr	p-value	<4hr	>4hr	p-value	< 8hr	>8hr	p-value	<12h	>12h	p-value
Age (years)	65.8±15.9	63.6±16.4	0.12	66.0±15.7	62.3±16.7	0.003	64.6±16.1	63.3±16.4	0.324	64.5±16.1	63.2±16.6	0.380
% Female:%Male	18:28	82:72	0.003	46:54	54:46	0.027	59:71	41:29	0.001	71:81	29:19	0.001
% White:%Non-white	25:21	75:79	0.222	52:50	48:50	0.572	65:71	35:29	0.124	77:77	23:23	0.939
BMI (kg/m <sup>2</sup> )	25.6±4.9	27.2±7.7	0.003	26.2±5.2	27.5±8.7	0.016	26.7±7.7	27.1±6.2	0.457	26.8±7.5	26.9±6.1	0.856
Vintage (months)	25(61)	34(57)	0.231	30(60)	36(57)	0.089	32(60)	34.5(53.25)	0.448	32(60)	35(47.5)	0.910
Anuria – Yes%:No%	20:28	80:72	0.017	46:55	54:45	0.024	65:68	35:32	0.340	78:76	22:24	0.637
Heart Disease – Yes%:No%	23:25	77:75	0.570	56:49	44:51	0.067	68:66	32:34	0.596	78:77	22:23	0.727
Stroke – Yes%:No%	21:24	79:76	0.574	51:51	49:49	0.958	67:67	33:33	0.975	70:78	30:22	0.179
Diabetes – Yes%:No%	23:25	77:75	0.494	51:51	49:49	0.917	68:66	32:34	0.522	79:77	21:23	0.528
Cancer – Yes%:No%	20:25	80:75	0.379	56:51	44:49	0.380	69:66	31:34	0.579	81:77	19:23	0.380
History Depression -Yes%:No%	10:29	90:71	<0.001	39:56	61:44	<0.001	56:70	44:30	<0.001	70:80	30:20	0.005
Centre 1 – Yes%:No%	29:22	71:78	0.031	59:47	41:53	0.003	71:64	29:36	0.063	81:75	19:25	0.106
Haemoglobin (g/L)	111±12	111±12	0.569	111±12	111±13	0.938	111±12	111±13	0.451	112±12	110±13	0.150
Albumin (g/L)	37±5	37±4	0.213	37±5	37±4	0.416	37±5	37±4	0.278	38±4	37±4	0.107
Sessional Kt/V	1.42±0.31	1.45±0.33	0.310	1.44±0.32	1.45±0.32	0.527	1.44±0.33	1.46±0.32	0.341	1.44±0.33	1.46±0.33	0.576
Pre-dx systolic BP (mm Hg)	142±24	143±26	0.760	143±25	142±25	0.611	143±25	142±25	0.712	143±25	142±25	0.754
Pre-dx diastolic BP (mm Hg)	72±15	73±16	0.360	73±15	73±17	0.974	73±15	72±17	0.193	73±16	72±16	0.252
Post-dx systolic BP (mm Hg)	134±24	133±26	0.548	133±24	133±27	0.633	134±25	132±27	0.698	133±25	132±27	0.499
Pre-dx diastolic BP(mm Hg)	69±14	69±15	0.614	69±14	69±15	0.594	70±14	68±15	0.698	69±14	69±15	0.559
Post-dx sys < 100 – Yes%:No%	8:26	92:74	0.003	42:52	58:31	0.142	60:67	40:33	0.328	74:78	26:22	0.500
BDI-II Score	6(8)	12(15)	<0.001	8(13)	12(17)	<0.001	8.62(14)	12(17)	<0.001	9(14)	12(17)	0.001

Table 2. Univariate associations with time to recovery post-dialysis session. Less than 1 and greater than 1 hour, less than 4 and greater than 4 hours, less than 8 and greater than 8 hours, and less than 12 and greater than 12 hours,

	B	S.E.	Wald	p-value.	Odds ratio	95% CI for Odds ratio
<b>Logistic regression models (Backwards LR) of post-dialysis recovery time. All models included Age, Sex, Anuria, BMI, Post-dialysis BP &lt;100 mmHg, Beck Depression Inventory (II) score, and Incremental haemodialysis</b>						
<b>Model 1: Predictors of post dialysis recovery time &lt; 1 hour. Nagelkerke R-square = 0.152</b>						
Male sex	0.469	0.210	4.998	0.025	1.598	1.060 - 2.411
BMI (kg/m <sup>2</sup> )	-0.033	0.017	3.585	0.058	0.968	0.935 - 1.001
BDI-II score	-0.069	0.012	33.802	<0.001	0.933	0.912 - 0.955
Post-systolic < 100 mmHg	-1.261	0.543	5.407	0.020	0.283	0.098 - 0.820
Incremental haemodialysis	0.396	0.195	4.120	0.042	1.487	1.014 - 2.180
Constant	0.063	0.506	0.016	0.901	1.065	
<b>Model 2: Predictors of post-dialysis recovery time &lt; 4 hours. Nagelkerke R-square = 0.089</b>						
Age (years)	0.010	0.005	3.878	0.049	1.010	1.000 - 1.020
Male sex	0.302	0.167	3.258	0.071	1.353	0.974 - 1.878
BMI (kg/m <sup>2</sup> )	-0.024	0.013	3.568	0.059	0.976	0.953 - 1.001
BDI-II score	-0.033	0.008	18.753	<0.001	0.967	0.953 - 0.982
Incremental haemodialysis	0.455	0.167	7.409	0.006	1.577	1.136 - 2.189
Constant	0.098	0.509	0.037	0.847	1.103	
<b>Model 3: Predictors of post-dialysis recovery time &lt; 8 hours. Nagelkerke R-square = 0.064</b>						
Male sex	0.580	0.172	11.406	0.001	1.786	1.276 - 2.500
BDI-II score	-0.032	0.007	18.766	<0.001	0.969	0.955 - 0.983
Constant	0.762	0.167	20.678	<0.001	2.142	
<b>Model 4: Predictors of post-dialysis recovery time &lt; 12 hours. Nagelkerke R-square = 0.043</b>						
Male sex	0.607	0.190	10.209	0.001	1.834	1.264 - 2.661
BDI-II score	-0.023	0.008	8.750	0.003	0.977	0.962 - 0.992
Constant	1.195	0.184	42.158	<0.001	3.303	

Table 3. Logistic regression analysis of associates with post-dialysis recovery time of < 1hour, < 4 hours, < 8 hours and < 12 hours.

	<b>B</b>	<b>SE</b>	<b>Wald</b>	<b>p-value.</b>	<b>Hazard Ratio</b>	<b>95% CI for Hazard Ratio</b>
<b>Age (years)</b>	0.028	0.007	14.889	<0.000	1.028	1.014 - 1.043
<b>Ethnicity (non-white)</b>	-0.814	0.267	9.288	0.002	0.443	0.263 - 0.748
<b>BMI (kg/m<sup>2</sup>)</b>	-0.047	0.018	6.985	0.008	0.954	0.922 - 0.988
<b>Heart Disease</b>	0.597	0.177	11.374	0.001	1.816	1.284 - 2.568
<b>Diabetes</b>	0.583	0.191	9.310	0.002	1.791	1.232 - 2.604
<b>Kt/V</b>	-0.920	0.306	9.055	0.003	0.399	0.219 - 0.726
<b>Albumin (g/l)</b>	-0.103	0.021	24.808	<0.001	0.902	0.866 - 0.939
<b>BDI-II Score</b>	0.025	0.007	11.604	0.001	1.026	1.011 - 1.041
<b>Incremental HD</b>	-0.452	0.194	5.447	0.020	0.636	0.435 - 0.930

Table 4. Cox model of survival in 709 haemodialysis patients (backwards LR). Variables included which were not significant included gender, dialysis vintage, the presence of anuria, the presence of cancer, post-dialysis systolic blood pressure < 100 mmHg, and post-dialysis recovery time < 1 hour

