

**Table S1. Comparison of characteristics between PREPARE NOW participants with and without complete data on the SURE screening test for decisional conflict**

Participant Characteristic	Response	Total <i>n</i> = 449	Complete data <i>n</i> = 427 (95%)	Incomplete data <i>n</i> = 22 (5%)	<i>p</i>
<b>Sociodemographic</b>					
Age	Mean (SD)	71.8 (12.3)	71.6 (12.3)	75.6 (12.6)	.07
Sex	Female	264 (59%)	254 (60%)	10 (46%)	.19
Race	Non-Hispanic White	431 (96%)	412 (97%)	19 (86%)	.03
Marital status	Married/Living with partner	244 (54%)	235 (55%)	9 (41%)	.24
	Not married/Living with partner	204 (45%)	191 (45%)	13 (59%)	
Education	Less than high school	63 (14%)	58 (14%)	5 (23%)	.03
	High school graduate/GED/Some college	294 (66%)	283 (66%)	11 (50%)	
	College graduate or more	86 (19%)	82 (19%)	4 (18%)	
Employment status	Employed/Looking for work	78 (17%)	78 (18%)	0 (0.0%)	<.001
	Unemployed	4 (1%)	4 (1%)	0 (0.0%)	
	Retired	285 (64%)	52 (12%)	0 (0.0%)	
	Retired due to disability	52 (12%)	283 (66%)	2 (9%)	
Annual household income	Less than \$30,000	137 (31%)	137 (32%)	0 (0%)	<.001
	\$30,000 to \$59,999	109 (24%)	108 (25%)	1 (5%)	
	\$60,000 and above	77 (17%)	76 (18%)	1 (5%)	
Insurance	Commercial	93 (21%)	89 (21%)	4 (18%)	.90
	Government/Other	4 (1%)	4 (1%)	0 (0%)	
	Medicaid	36 (8%)	34 (8%)	2 (9%)	
	Medicare	316 (70%)	300 (70%)	16 (73%)	
<b>Physical health</b>					
Charlson Comorbidity Index	Median (IQR)	5.0 (3.0, 7.0)	5.0 (3.0, 7.0)	4.0 (3.0, 5.0)	.40
CKD stage	Stages 2/3a/3b (30 - 60)	279 (62%)	263 (62%)	16 (73%)	.47

	Stage 4 (15 – 29)	156 (35%)	150 (35%)	6 (27%)	
	Stage 5 (< 15)	14 (3%)	14 (3%)	0 (0%)	
<b>Nephrology care</b>					
Years in nephrology care	Median (IQR)	3.8 (1.9, 6.4)	3.8 (1.9, 6.5)	3.9 (1.9, 5.5)	.70

*Note.* SURE = Sure of myself, Understand information, Risk-benefit ratio, Encouragement; eGFR = estimated glomerular filtration rate. Frequencies or medians (IQR) are shown. Participant differences in the presence of decisional conflict were measured using Mann-Whitney tests for continuous variables and chi-squared or Fisher’s exact tests for categorical variables. Frequencies may not total 100% due to missing data. Participants with complete decisional conflict data answered all four items on the SURE screening test with “yes,” “no,” or “don’t know” responses. Participants without decisional conflict data had a response of “refused” or were missing one or more items on the SURE screening test.

**Table S2. Characteristics of the highest-risk subgroup overall and according to SURE screening test results for decisional conflict about kidney failure treatment modalities**

Characteristic	Response	Total <i>n</i> = 171	Decisional Conflict (score $\leq$ 3) <i>n</i> = 124, 73%	No Decisional Conflict (perfect score) <i>n</i> = 47, 27%	<i>p</i>
<b>Sociodemographic</b>					
Age	Mean (SD)	70.6 (13.6)	72.1 (12.7)	66.9 (15.2)	.05
Sex	Female	108 (63%)	80 (65%)	28 (60%)	.55
Race	Non-Hispanic White	165 (97%)	120 (97%)	45 (96%)	.74
Marital status	Married/living with partner	87 (51%)	65 (52%)	22 (47%)	.51
	Not married/living with partner	84 (49%)	59 (48%)	25 (53%)	
Education	Less than high school	27 (16%)	21 (17%)	6 (13%)	.63
	High school graduate/GED/Some college	110 (64%)	77 (62%)	33 (70%)	
	College graduate or more	32 (19%)	25 (20%)	7 (15%)	
Employment status	Employed/Looking for work	34 (20%)	21 (17%)	13 (28%)	.35
	Unemployed	3 (2%)	3 (2%)	0 (0%)	
	Retired	112 (66%)	85 (69%)	27 (57%)	
	Retired due to disability	17 (10%)	11 (9%)	6 (13%)	
Insurance	Commercial	35 (20%)	23 (19%)	12 (26%)	.01
	Government/Other	3 (2%)	1 (1%)	2 (4%)	
	Medicaid	12 (7%)	5 (4%)	7 (15%)	
	Medicare	121 (71%)	95 (76%)	26 (55%)	
Annual household income	Less than \$30,000	57 (33%)	42 (34%)	15 (32%)	.99
	\$30,000 to \$59,999	38 (22%)	27 (22%)	11 (23%)	
	\$60,000 and above	31 (18%)	22 (18%)	9 (19%)	
Health literacy	Inadequate/Marginal	58 (34%)	42 (34%)	16 (34%)	.98
	Adequate	113 (66%)	82 (66%)	31 (66%)	
<b>Physical health</b>					
Charlson Comorbidity Index	Median (IQR)	5.0 (3.0, 7.0)	5.0 (3.0, 7.0)	5.0 (3.0, 7.0)	.75

CKD stage	Stage 3a/3b (eGFR 30-45)	7 (4%)	6 (5%)	1 (2%)	.31
	Stage 4 (eGFR 15-29)	150 (88%)	110 (89%)	40 (85%)	
	Stage 5 (eGFR < 15)	14 (8%)	8 (6%)	6 (13%)	
KFRE	Not High Risk	104 (61%)	81 (65%)	23 (49%)	.05
	High Risk	67 (39%)	43 (35%)	24 (51%)	
Albumin Creatinine Ratio	Median (IQR)	159.4 (68.3, 643.3)	136.8 (68.3, 495.7)	234.5 (81.3, 731.8)	.21
<b>CKD-specific care and knowledge</b>					
Years in nephrology care	Median (IQR)	4.5 (2.2, 7.3)	4.0 (1.9, 6.8)	5.1 (3.0, 8.2)	.04
Patient-centeredness	Mean (SD)	3.57 (.58)	3.50 (.63)	3.75 (.38)	.02
Kidney doctor has recommended specific treatment option	Yes	34 (20%)	19 (15%)	15 (32%)	.005
	No	58 (34%)	50 (40%)	8 (17%)	
Satisfaction with patient-kidney team discussion of treatment options	Completely	46 (27%)	24 (19%)	22 (47%)	.009
	Mostly	18 (11%)	14 (11%)	4 (9%)	
	Not at all/A little	13 (8%)	11 (9%)	2 (4%)	
	No prior discussion (skipped)	93 (54%)	74 (60%)	19 (40%)	
Pre-treatment education class	Attended	23 (14%)	8 (7%)	15 (32%)	<.001
	Not attended	147 (86%)	115 (93%)	32 (68%)	
CKD knowledge	Median (IQR)	5.0 (4.0, 7.0)	5.0 (4.0, 6.0)	6.0 (5.0, 7.0)	.02
<b>Psychosocial</b>					
Depression	Depressed	35 (21%)	26 (21%)	9 (19%)	.79
	Not Depressed	135 (79%)	97 (78%)	38 (81%)	
Treatment decision self-efficacy	Median (IQR)	90.9 (77.3, 100.0)	86.4 (72.7, 100.0)	90.9 (90.9, 100.0)	<.001
Kidney self-management self-efficacy	Median (IQR)	29.0 (25.0, 33.0)	27.7 (24.0, 33.0)	32.0 (25.0, 36.0)	.08
Informational support	Median (IQR)	57.7 (45.4, 65.6)	56.6 (44.7, 65.6)	60.5 (49.7, 65.6)	.05
Emotional support	Median (IQR)	62.0 (48.7, 62.0)	55.7 (47.1, 62.0)	62.0 (48.9, 62.0)	.06
Instrumental support	Median (IQR)	62.8 (50.4, 63.3)	56.8 (50.4, 63.3)	63.3 (52.3, 63.3)	.23

*Note.* SURE = Sure of myself, Understand information, Risk-benefit ratio, Encouragement; eGFR = estimated glomerular filtration rate; CKD = chronic kidney disease. Medians (IQR) or frequencies are shown. We assessed participant differences in decisional conflict prevalence using Mann-Whitney tests for continuous variables and chi-squared or Fisher's exact tests for categorical variables. Frequencies may not total 100% due to missing data. Highest-risk participants had an estimated glomerular filtration rate of < 30 or a 2-year Kidney Failure Risk Equation score of  $\geq$  10%.

**Table S3. Unadjusted and adjusted associations of highest-risk participant' characteristics with SURE screening test results indicative of decisional conflict about kidney failure treatment modalities**

<b>Characteristics</b>	<b>Model 1</b>	<b>p</b>	<b>Model 2</b>	<b>p</b>
<b>Sociodemographic</b>				
Age	1.03 (1.00 - 1.05)	.03	.97 (.92 - 1.03)	.33
Sex				
Male	Ref		Ref	
Female	1.23 (.62 - 2.46)	.55	1.39 (.50 - 3.88)	.53
Race				
Other race/ethnicity	Ref		Ref	
Non-Hispanic White	1.33 (.24 - 7.53)	.74	.26 (.02 - 3.98)	.33
Marital Status				
Never Married/Living with partner	Ref		Ref	
Married/Living with partner	1.25 (.64 - 2.45)	.51	1.24 (.43 - 3.62)	.69
Education				
Less than high school	Ref		Ref	
High school graduate/GED/Some college	.67 (.25 - 1.80)	.42	.49 (.11 - 2.11)	.33
College graduate or more	1.02 (.30 - 3.51)	.97	1.32 (.22 - 7.76)	.76
Employment				
Employed/Looking for work	Ref		Ref	
Retired	1.95 (.86 - 4.41)	.11	3.49 (.73 - 16.61)	.12
Retired due to disability	1.14 (.34 - 3.81)	.84	1.93 (.26 - 14.40)	.52
Annual Household Income				
Under \$30,000	Ref		Ref	
\$30,000 to \$59,999	.88 (.35 - 2.19)	.78	.97 (.25 - 3.81)	.97
\$60,000 and above	.87 (.33 - 2.31)	.78	1.12 (.19 - 6.50)	.90
Insurance				
Commercial	Ref		Ref	
Government/Other	.26 (.02 - 3.18)	.29	.74 (.02 - 23.76)	.87
Medicaid	.37 (.10 - 1.43)	.15	.38 (.04 - 3.94)	.41
Medicare	1.91 (.84 - 4.34)	.12	2.73 (.72 - 10.32)	.14
Health Literacy				
Inadequate/Marginal	Ref		Ref	
Adequate	1.01 (.50 - 2.05)	.98	1.50 (.50 - 4.48)	.47
<b>Physical health</b>				
Charlson Comorbidity Index	1.04 (.89 - 1.20)	.63	.95 (.78 - 1.16)	.62
<b>CKD stage</b>				
<b>Stages 2, 3a, and 3b (30 - 60)</b>	Ref		Ref	

Stage 4 (15 – 29)	.46 (.05 - 3.93)	.48	.31 (.02 - 5.30)	.42
Stage 5 (< 15)	.22 (.02 - 2.37)	.21	.19 (.01 - 4.86)	.32
<b>Nephrology care/knowledge</b>				
Years in nephrology care	.91 (.84 - .99)	.04	.93 (.82 - 1.06)	.27
Patient-centeredness	.38 (.17 - .85)	.02	.48 (.15 - 1.55)	.22
Kidney doctor recommended specific treatment option				
No	Ref		Ref	
Yes	.20 (.07 - .56)	.002	.26 (.07 - 1.04)	.06
Satisfied with patient-kidney team discussion of treatment options				
Not at all/A little	Ref		Ref	
Mostly	.64 (.10 - 4.14)	.64	1.19 (.09 - 15.30)	.89
Completely	.20 (.04 - 1.00)	.05	.24 (.03 - 2.18)	.20
Kidney failure treatment modality education class				
Not attended	Ref		Ref	
Attended	.15 (.06 - .38)	<.001	.26 (.07 - .96)	.04
CKD knowledge	.77 (.63 - .95)	.02	.87 (.62 - 1.22)	.41
<b>Psychosocial</b>				
Depressive symptoms				
Mild or no symptoms	Ref		Ref	
At least moderate symptoms	1.13 (.49 - 2.64)	.77	.59 (.15 - 2.29)	.45
Decision self-efficacy	.95 (.92 - .98)	.001	.95 (.91 - .99)	.03
Kidney self-management self-efficacy	.96 (.90 - 1.01)	.12	1.00 (.92 - 1.09)	.96
Informational support	.98 (.95 - 1.01)	.13	.98 (.91 - 1.05)	.50
Emotional support	.98 (.94 - 1.01)	.16	1.02 (.94 - 1.11)	.63
Instrumental support	.99 (.96 - 1.02)	.41	1.00 (.93 - 1.07)	.90

Note. SURE = Sure of myself, Understand information, Risk-benefit ratio, Encouragement; eGFR = estimated glomerular filtration rate; CKD = chronic kidney disease. Odds ratios and corresponding 95% confidence intervals are presented. Only one indicator of kidney function (i.e., eGFR) was included given the high correlation among all indicators (i.e., eGFR, Kidney Failure Risk Equation (KFRE) score, and albumin-to-creatinine (ACR) ratio).