	Round 1		Round 2	
Factors	Factor that would cause participant to list patient, n	%	Rated very important or important, n	%
Health-related quality of life	19	76%	19	95%
Younger age	18	72%	17	85%
Benefit over dialysis to patient	*	*	15	75%
Symptoms on dialysis	13	52%	12	60%
Social support Dependence in activities of daily	9	36%	10	50%
living	7	28%	8	40%
Medication Adherence	6	24%	**	**
Race/Ethnicity	1	4%	**	**
Sex	0	0	**	**

**Table S1.** Factors to consider for transplant evaluation of a patient who is unlikely to outlive the graft.

\*New factor that was suggested by  $\geq 2$  experts in round 1, then subsequently included in round 2

	Round 1		Round	d 2
Factors	Factor that would cause participant to list patient, n	%	Rated very important or important, n	%
Good social support	18	72%	20	100%
Medication adherence	16	64%	20	100%
Good functional status Health-related quality	*	*	20	100%
of life	19	76%	19	95%
Low or no frailty No medical	*	*	19	95%
contraindications Low comorbidity	*	*	19	95%
burden	*	*	16	80%
Symptoms on dialysis Dependence in	11	44%	10	50%
activities of daily living	7	28%	7	35%
Race/Ethnicity	1	4%	**	**
Sex	0	0	**	**

**Table S2.** Factors to consider for transplant evaluation of a patient who is 65 years or older.

\*New factor that was suggested by  $\geq 2$  experts in round 1, then subsequently included in round 2

	Round 1		Round 2	
	Factor that would		Rated very	
	cause participant to		important or	
Factor	list patient, n	%	important, n	%
Social support	13	52%	19	95%
Frailty could be reversible or				
improved (from transplant or prehab)	*	*	19	95%
Likelihood for success or benefit from				
surgery	*	*	19	95%
Younger age	16	64%	18	90%
No medical contraindications	*	*	18	90%
Health-related quality of life	16	64%	17	85%
Symptoms on dialysis	12	48%	7	35%
Dependence in activities of daily living	6	24%	**	**
Race/Ethnicity	0	0	**	**
Sex	0	0	**	**

**Table S3.** Factors to consider for transplant evaluation of a patient who is frail.

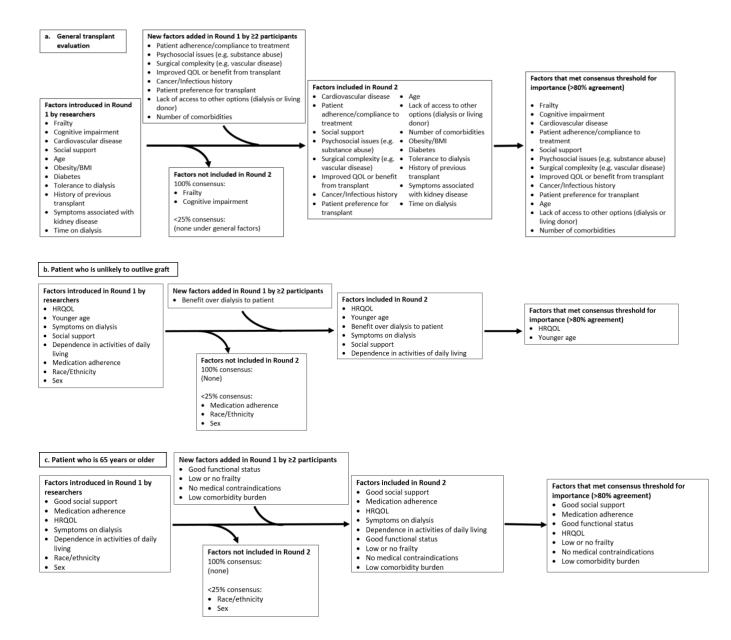
\*New factor that was suggested by  $\geq 2$  experts in round 1, then subsequently included in round 2

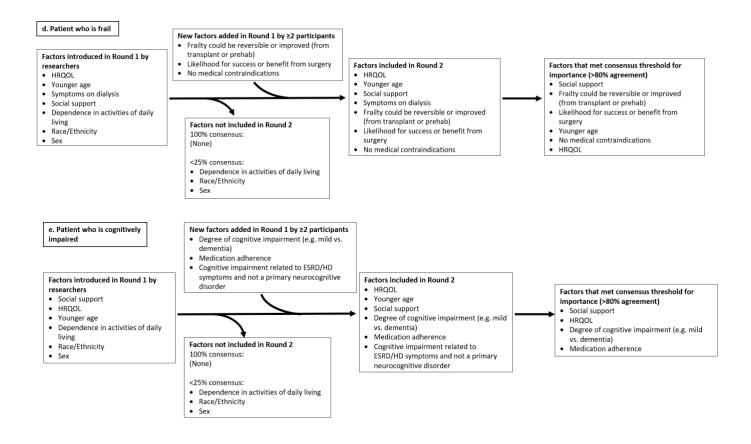
	Round 1		Rour	nd 2
Factor	Factor that would cause participant to list patient, n	%	Rated very important or important, n	%
Social support	18	72%	20	100%
Health-related quality of life	15	60%	19	95%
Degree of cognitive impairment (e.g. mild vs. dementia)	*	*	19	95%
Medication adherence	*	*	19	95%
Cognitive impairment related to ESRD/HD symptoms and not a primary neurocognitive disorder	*	*	15	75%
Younger age	10	40%	14	70%
Dependence in activities of daily living	3	12%	**	**
Race/Ethnicity	0	0	**	**
Sex	0	0	**	**

**Table S4.** Factors to consider for transplant evaluation of a patient who is cognitively impaired.

\*New factor that was suggested by  $\geq 2$  experts in round 1, then subsequently included in round 2

**Figure S1.** Flowchart of factors introduced and removed at each round. Experts were asked to report which factors would cause them to list a patient for each scenario in round 1 and in round 2 were asked to rate the importance of each factor. The different scenarios were a) General transplant evaluation; b) Patient who is unlikely to outlive the graft; c) Patient who is 65 years or older; d) Patient who is frail; e) Patient who is cognitively impaired.





## Appendix 1. Round 1 survey instrument.

#### **Delphi Clinician Survey Round 1**

Throughout this Delphi panel, we will send you up to four surveys about ethical issues in the transplantation of older, frail, or cognitively impaired adults.

This first survey aims to assess clinicians' perspectives on if and when frailty and cognitive function should be used as candidate eligibility criteria for kidney transplantation.

Your completion of this survey will serve as your consent to participate in this research study.

Survey Questions	Response Format	Response Options
Participant Background		
1. What is your clinical role?	Select one	<ul> <li>a. Transplant Nephrologist</li> <li>b. Transplant Surgeon</li> <li>c. Transplant Coordinator</li> <li>d. Nurse/PA/NP</li> <li>e. Pharmacist</li> <li>f. Social Worker</li> <li>g. Other (open text)</li> </ul>

2.	What is your center's OPTN code (e.g., MDJH)?	Dropdown	4 digit OPTN Code
3.	How many years have you been practicing as a transplant clinician?	Select one	<ul> <li>a. &lt;5 years</li> <li>b. 5-14 years</li> <li>c. 15-24 years</li> <li>d. ≥25 years</li> </ul>
4.	What is your sex?	Select one	a. Female b. Male
5.	What is your gender?	Select one	<ul> <li>a. Woman</li> <li>b. Man</li> <li>c. Transgender</li> <li>d. Non-binary/non-conforming</li> <li>e. Prefer not to say</li> </ul>
6.	How familiar are you with the published literature on frailty among transplant candidates and recipients?	Select one	<ul> <li>a. Very familiar</li> <li>b. Familiar</li> <li>c. Unfamiliar</li> <li>d. Very unfamiliar</li> </ul>
7.	How familiar are you with the published literature on cognitive function among transplant candidates and recipients?	Select one	<ul><li>a. Very familiar</li><li>b. Familiar</li><li>c. Unfamiliar</li><li>d. Very unfamiliar</li></ul>
Fra	ailty and Cognitive Function Practices	1	
8.	How often do you measure frailty at your center during transplant evaluation?	Multiple choice; free text if (b)	<ul> <li>a. Always</li> <li>b. Sometimes (Please explain)</li> <li>c. Never</li> <li>d. Not sure</li> </ul>
9.	If Always or Sometimes to Q8: What frailty assessment tool(s) do you currently use? Mark all that apply.	Mark all that apply; free text if (v)	<ul> <li>a. Timed walk (i.e. 6-minute walk test)</li> <li>b. Body mass index to quantify wasting</li> <li>c. Functional status (i.e. KDQOL, SF-36, or PCS)</li> <li>d. Stair climbing assessment</li> <li>e. Timed up and go</li> <li>f. Number of hospitalizations in the previous year</li> <li>g. Distance walk (i.e. 10-meter walk test)</li> <li>h. Fried frailty phenotype</li> </ul>

		<ul> <li>i. Montreal Cognitive Assessment (MoCA)</li> <li>j. Level of sarcopenia</li> <li>k. Cognitive function (i.e. 3MS, MMSE, or Trail Making Test)</li> <li>l. Short physical performance battery</li> <li>m. Geriatric assessment</li> <li>n. Frailty/Vigor assessment</li> <li>o. Deficit Index (DAI, also called Frailty Index)</li> <li>p. Gill Frailty Measure</li> <li>q. Brief Frailty Instrument</li> <li>r. Vulnerable Elders Survey</li> <li>s. FRAIL scale</li> <li>t. Rockwood clinical frailty scale</li> <li>u. Winograd screening instrument</li> <li>v. Other (please describe)</li> <li>w. Don't know</li> </ul>
10. If yes to Q8: Do you use age to determine when to start measuring patients' frailty status?	Select one; free text if (a)	<ul> <li>a. Yes: At what age do you start measuring patients' frailty status?</li> <li>b. No</li> </ul>
11. How often do you measure cognitive function at your center during transplant evaluation?	Select one; free text if (b)	a. Always b. Sometimes (please explain) c. Never d. Not sure
12. If Always or Sometimes to Q11: What cognitive assessment tool(s) do you currently use? Mark all that apply.	Select one; free text if (f)	<ul> <li>a. Montreal Cognitive Assessment (MoCA)</li> <li>b. Mini Mental State Exam (MMSE)</li> <li>c. Modified Mini Mental State Test (3MS)</li> <li>d. Trail making test A or B</li> <li>e. Self-reported (or proxy reported) cognitive function</li> <li>f. Other (Please describe)</li> <li>e. Don't know</li> </ul>

13. If yes to Q11: Do you use age to	Select one; free text if (a)	a.	Yes: At what age do you
determine when to start measuring			start measuring patients'
patients' cognitive status?			cognitive status?
		b.	No

# Factors for clinical decision making

In your opinion, please rate the following patient factors in terms of importance for deciding whether or not to add a patient to the kidney transplant waitlist.

Age	Select one	a. Very Unimportant
		b. Unimportant
		c. No opinion
		d. Important
		e. Very Important
		f. Not applicable
Cognitive impairment	Select one	a. Very Unimportant
		b. Unimportant
		c. No opinion
		d. Important
		e. Very Important
		f. Not applicable
Cardiovascular disease	Select one	a. Very Unimportant
		b. Unimportant
		c. No opinion
		d. Important
		e. Very Important
		f. Not applicable
Diabetes	Select one	a. Very Unimportant
		b. Unimportant
		c. No opinion
		d. Important
		e. Very Important
		f. Not applicable
Frailty	Select one	a. Very Unimportant
		b. Unimportant
		c. No opinion
		d. Important
		e. Very Important
		f. Not applicable
Obesity/Body Mass Index (e.g.	Select one	a. Very Unimportant
≥30kg/m²)		b. Unimportant
		c. No opinion
		d. Important
		e. Very Important
		f. Not applicable
Social support	Select one	a. Very Unimportant
		b. Unimportant
		c. No opinion

		d. Important e. Very Important
		f. Not applicable
Tolerance to dialysis	Select one	a. Very Unimportant
		b. Unimportant
		c. No opinion
		d. Important
		e. Very Important
		f. Not applicable
Time on dialysis	Select one	a. Very Unimportant
		b. Unimportant
		c. No opinion
		d. Important
		e. Very Important
		b. Not applicable
History of previous transplant	Select one	a. Very Unimportant
		b. Unimportant
		c. No opinion
		d. Important
		e. Very Important
		f. Not applicable
Symptoms associated with end stage	Select one	a. Very Unimportant
kidney disease		b. Unimportant
		c. No opinion
		d. Important
		e. Very Important
		Not applicable
. What other factors, not listed above, are important for deciding whether or not to add a patient to the kidney	Open text	
transplant waitlist?		

## **Ethical Considerations**

As you may be aware, only about a quarter of patients on the kidney transplant waiting list received a transplant in 2018 and only about half of deceased donor transplant recipients survive for 10 or more years.

Patients who are frail and/or cognitively impaired generally have less access to transplantation, and have worse post-transplant outcomes than their non-frail or non-cognitively impaired peers. However, frail and/or cognitively impaired patients do benefit from transplantation, including improvements in: functional status, health-related quality of life, and cognitive function. Further, frailty and cognitive impairment are not specific to older patients. Younger patients with kidney failure also experience a high burden of frailty and cognitive impairment.

We're interested in which factors should influence who has access to the transplant waitlist.

<ul><li>15. How much do you agree with the following statement?</li><li>It is appropriate to list a patient who is unlikely to outlive the graft.</li></ul>	Select one	<ul> <li>a. Strongly Agree</li> <li>b. Agree</li> <li>c. Undecided</li> <li>d. Disagree</li> <li>e. Strongly Disagree</li> </ul>
16. What factors would cause you to list a patient who is unlikely to outlive a graft for a transplant? [mark all that apply]	Mark all that apply; free text if (i) or (j)	<ul> <li>a. Younger age</li> <li>b. Race/Ethnicity</li> <li>c. Sex</li> <li>d. Social support</li> <li>e. Medication adherence</li> <li>f. Symptoms on dialysis</li> <li>g. Health-related quality of life</li> <li>h. Dependence in activities of daily living</li> <li>i. Other [free text]</li> <li>j. I would never list a patient who is unlikely to outlive a graft for transplantation (please explain)</li> </ul>
<ul><li>17. How much do you agree with the following statements?</li><li>It is appropriate to list a patient who is 65 years or older.</li></ul>	Select one	<ul> <li>a. Strongly Agree</li> <li>b. Agree</li> <li>c. Undecided</li> <li>d. Disagree</li> <li>e. Strongly Disagree</li> </ul>
18. What factors would cause you to list a patient who is 65 years or older for a transplant? [mark all that apply]	Mark all that apply; free text if (h) or (i)	<ul> <li>a. Race/ethnicity</li> <li>b. Sex</li> <li>c. Good social support</li> <li>d. Medication adherence</li> <li>e. Symptoms on dialysis</li> <li>f. Health-related quality of life</li> <li>g. Dependence in activities of daily living</li> <li>h. Other [free text]</li> <li>i. I would never list a patient who is 65 years or older for transplantation (please explain)</li> <li>b.</li> </ul>
<ul><li>19. How much do you agree with the following statement?</li><li>It is appropriate to list a patient who is frail.</li></ul>	Select one	<ul> <li>a. Strongly Agree</li> <li>b. Agree</li> <li>c. Undecided</li> <li>d. Disagree</li> <li>e. Strongly Disagree</li> </ul>

20. What factors would cause you to list a frail patient for a transplant? [mark all that apply]	Mark all that apply; free text if (i) or (j)	<ul> <li>a. Race/ethnicity</li> <li>b. Sex</li> <li>c. Social support</li> <li>d. Younger age</li> <li>e. Medication adherence</li> <li>f. Symptoms on dialysis</li> <li>g. Health-related quality of life</li> <li>h. Dependence in activities of daily living</li> <li>i. Other [free text]</li> <li>j. I would never list a frail patient for a transplant (please explain)</li> </ul>
<ul><li>21. How much do you agree with the following statement?</li><li>It is appropriate to list a patient who is cognitively impaired.</li></ul>	Select one	<ul> <li>a. Strongly Agree</li> <li>b. Agree</li> <li>c. Undecided</li> <li>d. Disagree</li> <li>e. Strongly Disagree</li> </ul>
22. What factors would cause you to list a cognitively impaired patient for a transplant? [mark all that apply]	Mark all that apply; free text if (i) or (j)	<ul> <li>a. Race/ethnicity</li> <li>b. Sex</li> <li>c. Social support</li> <li>d. Younger age</li> <li>e. Medication adherence</li> <li>f. Symptoms on dialysis</li> <li>g. Health-related quality of life</li> <li>h. Dependence in activities of daily living</li> <li>i. Other [free text]</li> <li>j. I would never list a cognitively impaired patient for a transplant (please explain)</li> </ul>
23. Some clinicians believe that organs should be allocated to patients who will live for a long time with the organ. Doing so would give younger, physically healthy, and cognitively intact people an advantage. In your opinion, is this organ allocation approach fair? Why? Why not?	Free text	

Appendix 2. Round 2 survey instrument.

1. 100% of your peers rated cognitive impairment and frailty very important or important. Please rate the following factors to consider in terms of importance for kidney transplant evaluation in terms of importance:

Factor for kidney transplant evaluation	Average rating from your peers (out of 5)	% of your peers who rated this factor very important/important	Your new rating
CVD	4.48	96%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Social Support	4.4	88%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Age	3.78	80%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Diabetes	3.52	68%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Obesity/BMI	3.48	68%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Tolerance to dialysis	3.08	48%	1. Very Unimportant

			2. 3. 4. 5. 6.	Unimportant No opinion Important Very Important Not applicable
History of previous transplant	3.08	44%	1. 2. 3. 4. 5. 6.	Very Unimportant Unimportant No opinion Important Very Important Not applicable
Symptoms associated with end stage kidney disease	2.92	40%	1. 2. 3. 4. 5. 6.	Very Unimportant Unimportant No opinion Important Very Important Not applicable
Time on dialysis	2.76	36%	1. 2. 3. 4. 5. 6.	Very Unimportant Unimportant No opinion Important Very Important Not applicable

Your peers identified additional factors in the first round of this delphi study that may or may not be important to consider for kidney evaluation. <u>In your opinion</u> , please rate the following patient factors in terms of importance for deciding whether or not to add a patient to the kidney transplant waitlist.			
Patient Factors			
ii. Patient adherence/compliance	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> </ol>		
	<ol> <li>10. Important</li> <li>11. Very Important</li> <li>12. Not applicable</li> </ol>		
iii. Surgical complexity (e.g. vascular disease)	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>		
iv. Psychosocial issues (e.g. substance abuse)	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> </ol>		

	-	
	4.	Important
		Very Important
	-	Not applicable
<ul> <li>Improved QOL or benefit from transplant</li> </ul>	1.	Very Unimportant
	2.	Unimportant
	3.	No opinion
	4.	Important
	5.	Very Important
	6.	Not applicable
vi. Number of comorbidities	1.	Very Unimportant
	2.	Unimportant
		No opinion
		Important
		Very Important
		Not applicable
vii.Cancer/Infectious history	1.	Very Unimportant
	2.	Unimportant
	3.	No opinion
	4.	Important
	5.	Very Important
	6.	Not applicable
viii. Patient decision		Very Unimportant
		Unimportant
	3.	No opinion
	4.	Important
	5.	Very Important
	6.	Not applicable
	-	
ix. Lack of access to other options (dialysis or living donor)		Very Unimportant
	2.	1
	3.	•
	4.	
	5.	Very Important
	6.	Not applicable

# 3. **72%** of your peers strongly agreed/agreed that it is appropriate to list a patient who is unlikely to outlive the graft.

Imagine you are evaluating a kidney transplant candidate that is unlikely to outlive the graft. Please rate the factors that would cause you to list a patient who is unlikely to outlive a graft for a transplant in terms of importance:

Factor	% of your peers who said these	Your rating on the order of
	factors would cause them to list	importance

	a patient who is unlikely to	
	outlive a graft	
Younger age	72%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Health-related quality of life	76%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Social Support	36%	γ Unimportant mportant opinion ortant γ Important 7. Not applicable
Symptoms on dialysis	52%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Dependence in activities of daily living	28%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Benefit over dialysis to patient	New factor added by participants in round 1	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>

4. 96% of your peers strongly agreed/agreed that it is appropriate to list a patient who is 65 years or older.

Imagine you are evaluating a kidney transplant candidate who is 65 years or older. Please rate the following factors in terms of importance:

Factor	% of your peers who said these factors would cause them to list a patient who is 65 years or older 76%	Your Ranking
Health-related quality of life	70%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Good Social Support	72%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Medication adherence	64%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Symptoms on dialysis	44%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Dependence in activities of daily living	28%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Low/No Frailty	New factor added by participant	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>

High Physical activity	New factor added by participant	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
No medical contraindications	New factor added by participant	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Good functional status	New factor added by participant	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Low comorbidity burden	New factor added by participant	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>

5. **72%** of your peers strongly agreed/agreed that it is appropriate to list a transplant candidate who is frail.

Imagine you are evaluating a kidney transplant candidate who is frail. Please rate the following factors in terms of importance:

Factor	% of your peers who said these factors would cause them to list a patient who is frail	Your Rating
Younger age	64%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Health-related quality of life	64%	1. Very Unimportant

Social Support	52%	<ol> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> <li>Very Unimportant</li> <li>Unimportant</li> </ol>
		<ol> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Symptoms on dialysis	48%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Frailty could be reversible/improved (from transplant or prehab)	New factor added by participant	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
No medical contraindications	New factor added by participant	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Likelihood for success/benefit from surgery	New factor added by participant	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>

6. **68% of your peers strongly agreed/agreed that it is appropriate to list a transplant** candidate who is cognitively impaired.

Imagine you are evaluating a kidney transplant candidate who has cognitive impairment. Please rate the following factors in terms of importance:

Factor	% of your peers who said these factors would cause them to list a patient who is frail	Your Rating
Social Support	72%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Health-related quality of life	60%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Younger age	40%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Symptoms on dialysis	28%	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Degree of cognitive impairment (e.g. mild vs. dementia)	New factor added by participant	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Cognitive impairment related to ESRD/HD symptoms and not a primary neurocognitive disorder	New factor added by participant	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> <li>Important</li> <li>Very Important</li> <li>Not applicable</li> </ol>
Medication adherence	New factor added by participant	<ol> <li>Very Unimportant</li> <li>Unimportant</li> <li>No opinion</li> </ol>

	4.	Important
	5.	Very Important
	6.	Not applicable