

Supplemental material

Supplemental Table 1. Characteristics of patients undergoing dialysis in the United States between 1/1/2007 and 9/3/2012, by quartiles of risk of transplant.

	Quartile 1 Lowest Risk	Quartile 2	Quartile 3	Quartile 4 Highest Risk
	<i>(n = 101,257)</i>	<i>(n = 101,257)</i>	<i>(n = 101,257)</i>	<i>(n = 101,257)</i>
Male sex (%)	44.1	51.2	56.5	63.8
Age, years ± SD	77.2 ± 8.4	72.2 ± 8.4	66.0 ± 7.9	58.9 ± 5.9
BMI, kg/m²*	29.0 ± 7.9	28.9 ± 7.6	29.2 ± 7.6	29.0 ± 7.2
Race (%)				
White	64.4	66.9	64.8	62.7
Black	31.1	28.0	29.0	28.6
Asian / Pacific Islander	3.3	3.4	3.8	5.6
Hispanic ethnicity (%)	9.4	10.5	13.1	14.7
Comorbidities (%)				
Coronary artery disease	38.2	27.6	20.0	11.4
Congestive heart failure	62.1	40.2	25.9	11.9
COPD	22.6	9.4	4.4	1.4
Stroke	18.9	10.5	7.3	3.8
Diabetes	69.5	65.1	64.1	52.2
Hypertension	88.2	88.1	87.8	88.3
Peripheral vascular disease	27.6	16.7	11.4	5.4
Nonambulatory	22.1	2.3	0.6	0.1
Drug Use (%)				
Alcohol use	1.4	1.3	1.2	0.7
Tobacco use	0.7	0.8	0.9	0.5
Status before dialysis (%)				
Unemployed	98.2	96.3	90.8	63.1
Uninsured	1.2	3.4	8.7	12.
Albumin, g/dL (%)				
0.5 – 3.2	53.7	42.6	38.0	30.2
3.2 – 6.0	26.7	36.1	41.0	49.5
Missing	19.5%	21.2	21.0	20.4
Creatinine, mg/dL ± SD*	5.15 ± 2.21	5.80 ± 2.52	6.50 ± 2.96	7.71 ± 3.81
Hemoglobin, g/dL ± SD*	9.8 ± 1.5	10.0 ± 1.6	10.0 ± 1.7	10.1 ± 1.8

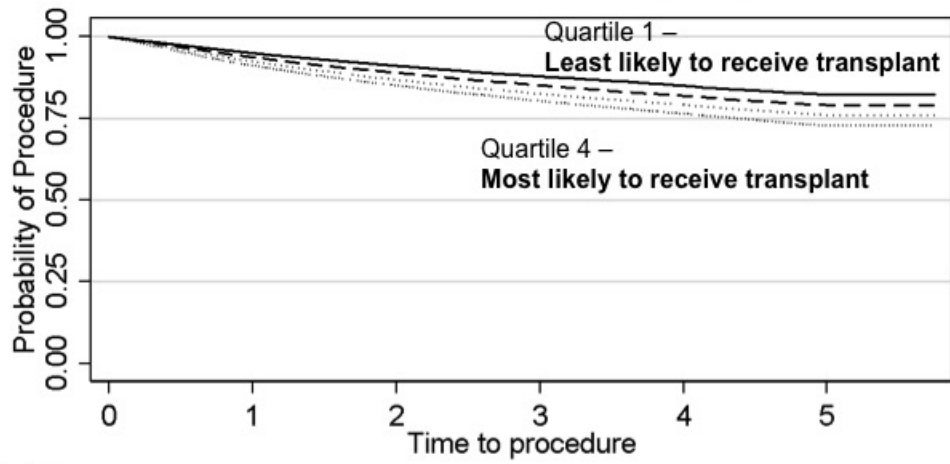
Supplemental Table 2. Procedure codes.

FOBT	
82270	Blood, occult, by peroxidase activity (eg, guaiac), qualitative; feces, consecutive collected specimens with single determination, for colorectal neoplasm screening (ie, patient was provided three cards or single triple card for consecutive collection)
82271	other sources
82272	Blood, occult, by peroxidase activity (eg, guaiac), qualitative, feces, 1-3 simultaneous determinations, performed for other than colorectal neoplasm screening
82274	Blood, occult, by fecal hemoglobin determination by immunoassay, qualitative, feces, 1-3 simultaneous determinations
G0328	Colorectal cancer screening; fecal occult blood test, immunoassay, 1-3 simultaneous
Sigmoidoscopy, flexible	
45330	Sigmoidoscopy, flexible; diagnostic, with or without collection of specimen(s) by brushing or washing (separate procedure)
45331	with biopsy, single or multiple
45332	with removal of foreign body
45333	with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps or bipolar cautery
45334	with control of bleeding (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator)
45335	with directed submucosal injection(s), any substance
45337	with decompression of volvulus, any method
45338	with removal of tumor(s), polyp(s), or other lesion(s) by snare technique
45339	with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique
45340	with dilation by balloon, 1 or more strictures
45341	with endoscopic ultrasound examination
45342	with transendoscopic ultrasound guided intramural or transmural fine needle aspiration/biopsy(s)
45345	with transendoscopic stent placement (includes predilation)
G0104	Colorectal cancer screening; flexible sigmoidoscopy
Colonoscopy	

45378	Colonoscopy, flexible, proximal to splenic flexure; diagnostic, with or without collection of specimen(s) by brushing or washing, with or without colon decompression (separate procedure)
45380	with biopsy, single or multiple
45381	with directed submucosal injection(s), any substance
45382	with control of bleeding (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator)
45383	with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique
45384	with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps or bipolar cautery
45385	with removal of tumor(s), polyp(s), or other lesion(s) by snare technique
G0105	Colorectal cancer screening; colonoscopy on individual at high risk
G0121	Colorectal cancer screening; colonoscopy on individual not meeting criteria for high risk
ICD-9	
45.23	Colonoscopy
45.24	Flexible sigmoidoscopy

Supplemental Figure.

Kaplan-Meier survival estimates for undergoing procedure



Number at risk		0	1	2	3	4	5
Q1 least likely	0100023	56137	31678	17054	9039	4459	
Q2	199905	64477	40371	24076	13942	7641	
Q3	299025	67583	44058	27838	16984	9799	
Q4 most likely	392479	62591	41171	26586	17217	10831	

