Table S1. Differences in demographic and clinical characteristics among children of different race/ethnicity at transplant.

		African American (N=563)		Caucasian (N=1,509)		Hispanic (N=570)		Asian (N=125)		Other (N=98)	p-value
Factor	N	Median [P25, P75] or N (%)	N	Median [P25, P75] or N (%)	N	Median [P25, P75] or N (%)	N	Median [P25, P75] or N (%)	N	Median [P25, P75] or N (%)	p-value
Age <1 (years)	563	155 (27.5)	1,509	455 (30.2)	570	169 (29.6)	125	20 (16.0)	98	38 (38.8)	0.052[b]
Weight (kg)	563	21.5 [8.0, 50.0]	1,509	16.1 [7.3, 45.9]	570	15.6 [7.6, 42.2]	125	17.7 [8.9, 33.7]	98	11.5 [6.8, 46.4]	**0.042[b]**
Female	563	254 (45.1)	1,509	633 (41.9)	570	267 (46.8)	125	62 (49.6)	98	41 (41.8)	0.17[c]
Diagnosis	563		1,509		570		125		98		**<0.001[c]**
CMP		315 (56.0) [#¶]		683 (45.3) [*¶]		293 (51.4) [¶]		93 (74.4) [*# § Ω]		50 (51.0) [¶]	
CHD		239 (42.5)		809 (53.6)		270 (47.4)		29 (23.2)		47 (48.0)	
Status 1A	563	410 (72.8)	1,509	1,019 (67.5)	570	361 (63.3)	125	79 (63.2)	98	69 (70.4)	**0.012[c]**
ICU	563	370 (65.7) [#]	1,509	848 (56.2) [*]	570	330 (57.9)	125	74 (59.2)	98	64 (65.3)	**0.002[c]**
ICD Use	561	42 (7.5)	1,503	154 (10.2)	570	45 (7.9)	125	16 (12.8)	98	5 (5.1)	0.060[c]
Blood Type O	563	282 (50.1) [#¶]	1,509	641 (42.5) [*§]	570	323 (56.7) [#¶Ω]	125	39 (31.2) [*§]	98	36 (36.7) [§]	**<0.001[c]**
IV Inotropes	563	369 (65.5) [§]	1,509	993 (65.8) [§]	570	323 (56.7) [*#]	125	72 (57.6)	98	56 (57.1)	**<0.001[c]**
Ventilator	563	252 (44.8)	1,509	605 (40.1)	570	227 (39.8)	125	47 (37.6)	98	45 (45.9)	0.22[c]
ECMO	563	34 (6.0)	1,509	109 (7.2)	570	25 (4.4)	125	7 (5.6)	98	11 (11.2)	0.051[c]
VAD	563	181 (32.1) [#]	1,509	380 (25.2) [*¶]	570	159 (27.9)	125	47 (37.6) [#]	98	26 (26.5)	**0.002[c]**
eGFR	560	246 (43.9)	1,496	556 (37.2)	562	213 (37.9)	121	42 (34.7)	97	38 (39.2)	0.063[c]

< 90 mL/min/1.73m^2										
Bilirubin ≥ 2 mg/dl	559	71 (12.7)	1,489	162 (10.9)	558	69 (12.4)	124	18 (14.5)	95	10 (10.5)	0.59[c]
Albumin ≤3.5 g/dL	552	287 (52.0) ¶	1,466	723 (49.3) ¶	559	263 (47.0)	120	43 (35.8) *#	94	51 (54.3)	**0.016[c]**
PRA >10%	211	45 (21)	534	135 (25)	179	51 (28)	37	10 (27)	26	10 (38)	0.27[c]
Medicaid	563	376 (66.8) #§¶	1,509	535 (35.5) *§¶Ω	570	383 (67.2) *#¶Ω	125	36 (28.8) *#§Ω	98	52 (53.1) #§¶	**<0.001[c]**
Ischemic Time > 3.5 (hours)	560	298 (53.2)	1,505	815 (54.2)	569	322 (56.6)	124	73 (58.9)	98	63 (64.3)	0.21[c]
Waitlist Time (months)	563	1.9 [0.80, 3.7] §	1,509	2.1 [0.80, 4.5] §	570	2.5 [1.2, 5.7] *#	125	1.9 [0.60, 3.8]	98	2.2 [1.00, 5.5]	**<0.001[b]**

p-values: b=Kruskal-Wallis test, c=Pearson's chi-square test. Boldface P values: statistically significant (P < 0.05). Post hoc pairwise comparisons used Bonferroni adjustment.

* Significantly different from African American.

Significantly different from Caucasian.

§ Significantly different from Hispanic.

¶ Significantly different from Asian.

Ω Significantly different from Other.

CHD, congenital heart disease; CMP, cardiomyopathy; ECMO, extracorporeal membrane oxygenation; eGFR, estimated glomerular filtration rate; ICU, intensive care unit; ICD, implantable cardioverter defibrillator; IV, intravenous; PRA, panel reactive antibody; VAD, ventricular assist device

Table S2. Differences in donor characteristics among patients of different race/ethnicity.

Factor	N	African American (N=563) Median [P25, P75] or N (%)	N	Caucasian (N=1,509) Median [P25, P75] or N (%)	N	Hispanic (N=570) Median [P25, P75] or N (%)	N	Asian (N=125) Median [P25, P75] or N (%)	N	Other (N=98) Median [P25, P75] or N (%)	p-value
Age (years)	563	8.0 [1.0, 16.0]	1,509	5.0 [1.0, 15.0]	570	5.0 [1.0, 14.0]	125	5.0 [1.0, 13.0]	98	3.0 [1.0, 14.0]	**0.050[b]**
D-R Age difference (years)	563	1.00 [0, 4.0] [#¶]	1,509	0 [0, 2.0] [*]	570	1.0 [0, 3.0] [¶]	125	0 [-1.0, 2.0] [*§]	98	1.0 [0, 2.0]	**0.001[b]**
D/R Height Ratio	561	1.1 [1.0, 1.2] [§]	1,497	1.1 [1.0, 1.2] [§¶]	562	1.1 [1.0, 1.2] [*#¶]	121	1.0 [1.0, 1.1] [#§ Ω]	97	1.1 [1.0, 1.2] [¶]	**<0.001[b]**
D/R Weight Ratio	563	1.3 [1.0, 1.5]	1,509	1.2 [1.0, 1.6]	570	1.2 [1.0, 1.6]	125	1.1 [1.0, 1.6]	98	1.2 [1.0, 1.8]	0.33[b]
Female	563	200 (35.5)	1,509	602 (39.9)	570	229 (40.2)	125	49 (39.2)	98	30 (30.6)	0.16[c]
Cause of Death	563		1,509		570		125		98		0.30[c]
Anoxia		236 (41.9)		646 (42.8)		273 (47.9)		66 (52.8)		37 (37.8)	
CVA/stroke		30 (5.3)		77 (5.1)		27 (4.7)		7 (5.6)		5 (5.1)	
Head trauma		276 (49.0)		733 (48.6)		248 (43.5)		51 (40.8)		51 (52.0)	
Other		21 (3.7)		53 (3.5)		22 (3.9)		1 (0.80)		5 (5.1)	
CDC Increased Risk Donor‡	563	51 (9.1)	1,508	155 (10.3)	570	47 (8.2)	125	8 (6.4)	98	9 (9.2)	0.46[c]
Donor Drug Abuse	562	86 (15.3)	1,501	184 (12.3)	569	61 (10.7)	125	12 (9.6)	98	10 (10.2)	0.12[c]
Donor eGFR mL/min/1.73m^2	562	90.5 [64.0, 125.6]	1,508	96.6 [65.2, 133.1]	569	101.6 [68.2, 140.4]	125	97.3 [68.9, 140.4]	98	91.1 [63.0, 120.0]	**0.046[b]**
Donor LVEF (%)	552	65.0 [60.0, 70.0]	1,474	65.0 [60.0, 70.0]	555	65.0 [60.0, 69.0]	125	65.0 [59.0, 70.0]	96	65.0 [59.0, 70.0]	0.65[b]
Donor Inotropic Support	562	233 (41.5)	1,508	634 (42.0)	569	215 (37.8)	125	49 (39.2)	98	36 (36.7)	0.40[c]

p-values: b=Kruskal-Wallis test, c=Pearson's chi-square test. . Boldface P values: statistically significant (P < 0.05). Post hoc pairwise comparisons used Bonferroni adjustment.

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CDC indicates centers for disease control and prevention; CVA, cerebrovascular accident; D, donor; eGFR, estimated glomerular filtration rate; LVEF, left ventricular ejection fraction; R, Recipient

‡ Refers to Public Health Service Increased risk donors which are donors deemed to be at higher risk for HIV prior to 2013 and HIV, HBV and HCV after 2013.

Figure S1. Cumulative percentage of patients transplanted by differing race/ethnicity at the time of listing.
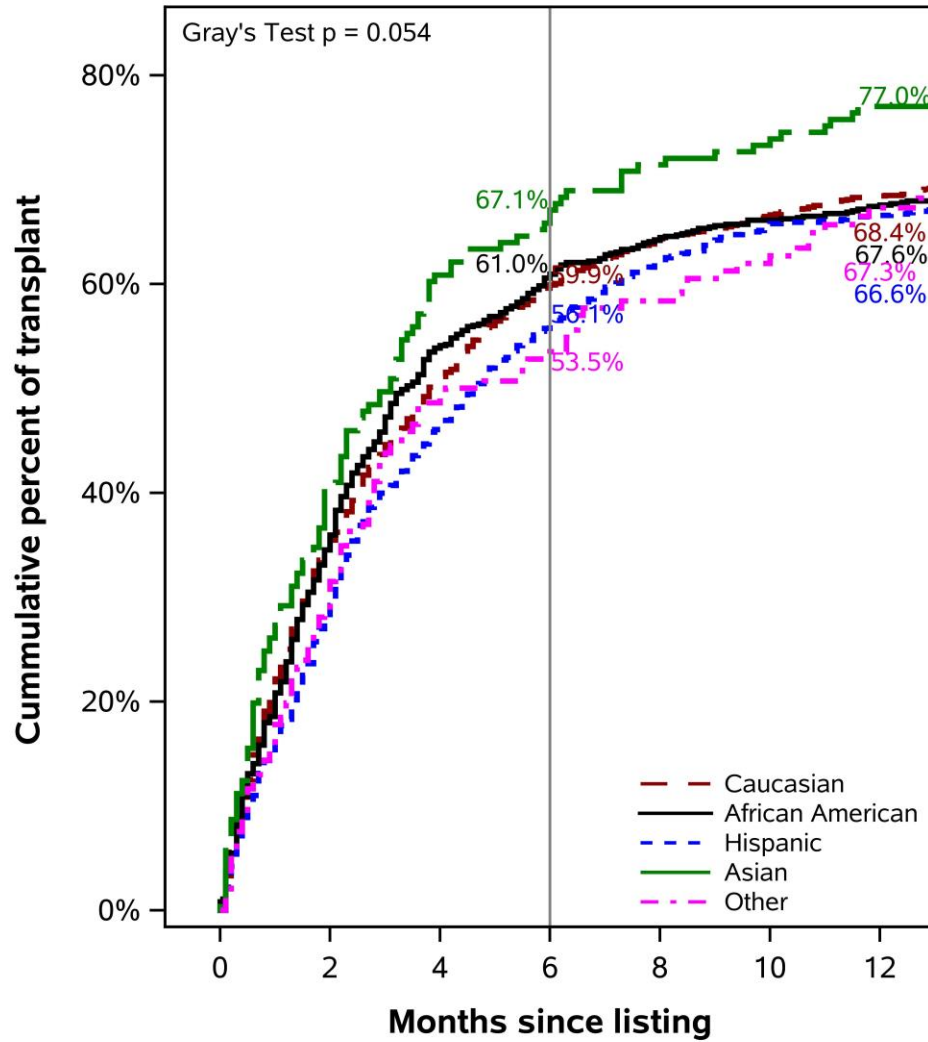
Figure S2. Cumulative percentage of patients that died or were delisted because of clinical deterioration by differing race/ethnicity at the time of listing.