Supplementary Online Content

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This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. BTT LVAD vs DT LVAD After Propensity Score Matching

	BTT	DT	P Value
	(n=2131)	(n=2131)	
Age, yrs	56.00 [47.00, 63.00]	68.00 [64.00, 72.00]	< 0.001
Race			< 0.001
Asian (Non-Hispanic)	38 (1.8)	16 (0.8)	
Black (Non-Hispanic)	524 (24.6)	351 (16.5)	
Hispanic	79 (3.7)	46 (2.2)	
Other	149 (7.0)	107 (5.0)	
White (Non-Hispanic)	1341 (62.9)	1611 (75.6)	
BMI	28.17±5.78	29.15±6.31	< 0.001
Male	1699 (79.7)	1668 (78.3)	0.259
Blood Type			< 0.001
A	715 (33.6)	829 (38.9)	
AB	52 (2.4)	86 (4.0)	
В	263 (12.3)	240 (11.3)	
O	1101 (51.7)	976 (45.8)	
Creatinine, mg/dL	1.39±0.81	1.49±0.67	< 0.001
Albumin, g/dL	3.48±0.67	3.26±0.66	< 0.001
INTERMACS Profile			< 0.001
1	319 (15.0)	224 (10.5)	
2	908 (42.6)	558 (26.2)	
3	590 (27.7)	758 (35.6)	
4+	314 (14.7)	591 (27.7)	

^{*}Categorical measures are presented as the number of patients and (%). Continuous measures are presented as median [interquartile range (IQR)] or mean \pm standard deviation (SD).

eTable 2. BTT LVAD Not Transplanted vs BTT Transplanted From Matched Dataset

	BTT-No TXPL	BTT-TXPL	p Value
	(n=1031)	(n=1100)	
Age, yrs	57.00 [48.00, 63.00]	55.00 [46.00, 62.00]	0.007
Race			0.03
Asian (Non-Hispanic)	13 (1.3)	25 (2.3)	
Black (Non-Hispanic)	281 (27.3)	243 (22.1)	
Hispanic	39 (3.8)	40 (3.6)	
Other	66 (6.4)	83 (7.5)	
White (Non-Hispanic)	632 (61.3)	709 (64.5)	
BMI	28.55±6.08	27.81±5.47	0.003
Male	809 (78.5)	890 (80.9)	0.178
Blood Type			< 0.001
A	315 (30.6)	400 (36.4)	
AB	22 (2.1)	30 (2.7)	
В	111 (10.8)	152 (13.8)	
0	583 (56.5)	518 (47.1)	
Creatinine, mg/dL	1.41±0.88	1.37±0.73	0.217
Albumin, g/dL	3.46±0.65	3.49±0.69	0.246
INTERMACS Profile			0.66
1	158 (15.3)	161 (14.6)	
2	428 (41.5)	480 (43.6)	
3	296 (28.7)	294 (26.7)	
4+	149 (14.5)	165 (15.0)	
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^{*}Categorical measures are presented as the number of patients and (%). Continuous measures are presented as median [interquartile range (IQR)] or mean \pm standard deviation (SD).

eTable 3. BTT LVAD Not Transplanted vs DT LVAD From Matched Dataset

	BTT-No TXPL	DT	p Value
	(N=1031)	(N=2131)	
Age, yrs	57.00 [48.00, 63.00]	68.00 [64.00, 72.00]	< 0.001
Race			< 0.001
Asian (Non-Hispanic)	13 (1.3)	16 (0.8)	
Black (Non-Hispanic)	281 (27.3)	351 (16.5)	
Hispanic	39 (3.8)	46 (2.2)	
Other	66 (6.4)	107 (5.0)	
White (Non-Hispanic)	632 (61.3)	1611 (75.6)	
BMI	28.55±6.08	29.15±6.31	0.011
Male	809 (78.5)	1668 (78.3)	0.938
Blood Type			< 0.001
A	315 (30.6)	829 (38.9)	
AB	22 (2.1)	86 (4.0)	
В	111 (10.8)	240 (11.3)	
0	583 (56.5)	976 (45.8)	
Creatinine, mg/dL	1.41±0.88	1.49±0.67	0.01
Albumin, g/dL	3.46±0.65	3.26±0.66	< 0.001
INTERMACS Profile			< 0.001
1	158 (15.3)	224 (10.5)	
2	428 (41.5)	558 (26.2)	
3	296 (28.7)	758 (35.6)	
4+	149 (14.5)	591 (27.7)	

^{*}Categorical measures are presented as the number of patients and (%). Continuous measures are presented as median [interquartile range (IQR)] or mean \pm standard deviation (SD).

eTable 4. BTT LVAD vs DT LVAD Patients Who Ultimately Were Transplanted

	BTT (N=2131)	DT-TXPL (N=161)	p Value
Age, yrs	56.00 [47.00, 63.00]	64.00 [60.00, 67.00]	< 0.001
Race			0.115
Asian (Non-Hispanic)	38 (1.8)	0 (0.0)	
Black (Non-Hispanic)	524 (24.6)	30 (18.6)	
Hispanic	79 (3.7)	4 (2.5)	
Other	149 (7.0)	12 (7.5)	
White (Non-Hispanic)	1341 (62.9)	115 (71.4)	
BMI	28.17±5.78	29.76±5.52	0.001
Male	1699 (79.7)	126 (78.3)	0.731
Blood Type			0.001
A	715 (33.6)	69 (42.9)	
AB	52 (2.4)	10 (6.2)	
В	263 (12.3)	21 (13.0)	
О	1101 (51.7)	61 (37.9)	
Creatinine, mg/dL	1.39±0.81	1.42±0.63	0.613
Albumin, g/dL	3.48±0.67	3.13±0.74	< 0.001
INTERMACS Profile			< 0.001
1	319 (15.0)	25 (15.5)	
2	908 (42.6)	32 (19.9)	
3	590 (27.7)	57 (35.4)	
4+	314 (14.7)	47 (29.2)	

^{*}Categorical measures are presented as the number of patients and (%). Continuous measures are presented as median [interquartile range (IQR)] or mean ± standard deviation (SD).

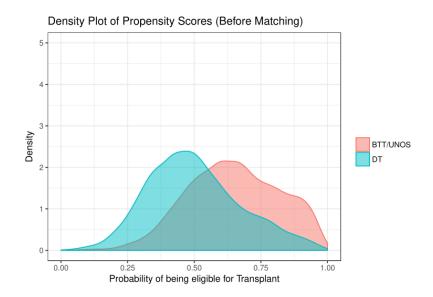
eTable 5. Patients From Analysis Dataset Compared to Patients Who Were Excluded Solely for Missing Albumin

	Total Cohort (N=8281)	Missing Albumin (N=2316)	p Value
Age, yrs	59.00 [50.00, 66.00]	57.00 [47.00, 64.00]	< 0.001
Race			< 0.001
Asian (Non-Hispanic)	176 (2.1)	65 (2.8)	
Black (Non-Hispanic)	1919 (23.2)	555 (24.0)	
Hispanic	418 (5.0)	169 (7.3)	
Other	367 (4.4)	53 (2.3)	
White (Non-Hispanic)	5401 (65.2)	1474 (63.6)	
BMI	27.96±6.08	27.64±5.99	0.024
Male	6335 (76.5)	1703 (73.5)	0.003
Blood Type			0.551
A	3183 (38.4)	866 (37.4)	
AB	400 (4.8)	115 (5.0)	
В	1113 (13.4)	336 (14.5)	
0	3585 (43.3)	999 (43.1)	
Creatinine, mg/dL	1.37±0.67	1.44±0.75	< 0.001
Albumin, g/dL	3.48±0.67		NA

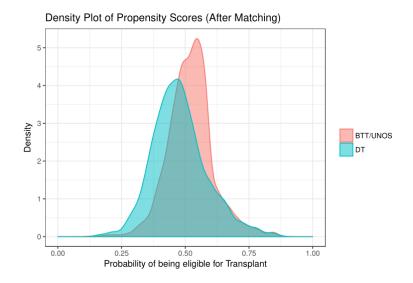
^{*}Categorical measures are presented as the number of patients and (%). Continuous measures are presented as median [interquartile range (IQR)] or mean \pm standard deviation (SD).

eFigure 1. Propensity Matching

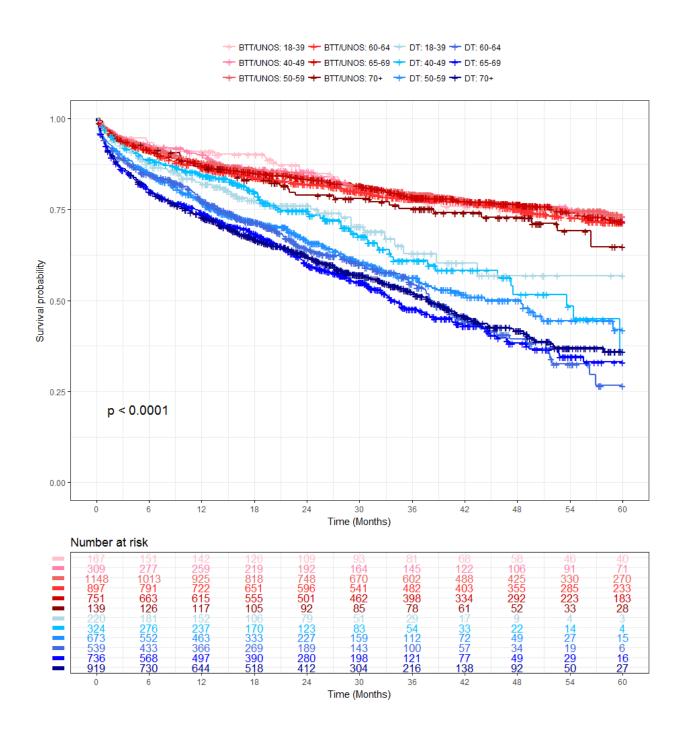
a. Predicted overlap with propensity matching for key clinical factors between patients listed for transplant (with or without BTT LVAD) and DT LVAD patients



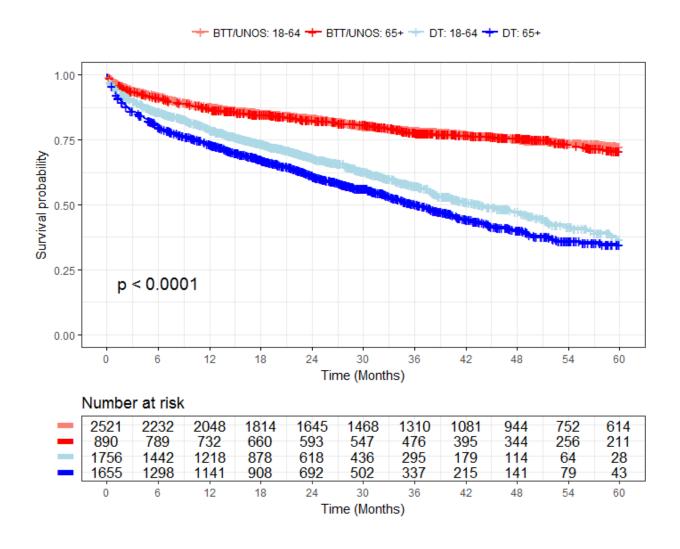
b. Actual overlap after matching



eFigure 2. Strategy of Listing for Transplant vs DT LVAD Broken Down by 6 Age Groups



eFigure 3. Survival Analysis by Younger (<65 Years) and Older (≥65 Years) Patients According to Strategy



eFigure 4. Worst-case Scenario Survival Curves Comparing Strategies of Listing of Transplant (With or Without LVAD) to DT LVAD Where Delisted Patients Are Assumed Dead Within 1 Wßeek

