

Characteristic	N	OR	95% CI	p-value
age_transplant	460	0.99	0.97, 1.01	0.464
sex	460			
Male		—	—	
Female		1.12	0.63, 1.99	0.703
bmi	460	1.05	0.99, 1.10	0.106
specific_primary_diagnosis__1	460	0.78	0.40, 1.44	0.436
specific_primary_diagnosis__2	460	1.36	0.45, 3.40	0.547
specific_primary_diagnosis__3	460	1.32	0.71, 2.40	0.369
specific_primary_diagnosis__4	460	0.51	0.22, 1.06	0.094
specific_primary_diagnosis__5	460	1.15	0.33, 3.09	0.803
specific_primary_diagnosis__6	460	0.58	0.03, 3.02	0.607
specific_primary_diagnosis__7	460	2.59	0.13, 20.6	0.414
specific_primary_diagnosis__8	460	1.58	0.45, 4.38	0.421
specific_primary_diagnosis__9	460	1.82	0.41, 5.88	0.363
specific_primary_diagnosis__10	460	2.16	0.48, 7.20	0.249
specific_primary_diagnosis__11	460	1.92	1.08, 3.49	0.028
specific_primary_diagnosis__12	460	1.29	0.20, 4.91	0.743
specific_primary_diagnosis__13	460	0.51	0.23, 1.00	0.064
if_pulmonary_htn	212			
Primary PHTN		—	—	
Secondary PHTN		8,055,822	0.00,	0.989
las_at_transplant	249	1.02	1.00, 1.04	0.079
cas_tx	210	1.05	0.99, 1.10	0.084
patient_on_life_support	458	2.67	1.29, 5.28	0.006
type_of_support	58			
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Characteristic	N	OR	95% CI	p-value
1, ECMO		—	—	
3, Ventilator		0.80	0.04, 6.12	0.845
4, Noninvasive PPV		0.53	0.03, 3.60	0.576
days_on_ecmo	46	0.97	0.91, 1.00	0.087
condition_at_time_of_trans	460			
1, In Intensive Care Unit		—	—	
2, Hospitalized, Not in ICU		0.96	0.25, 3.06	0.951
3, Not Hospitalized		0.49	0.26, 1.00	0.041
functional_status_at_time	460			
1, > 60%		—	—	
2, 40–60%		1.32	0.67, 2.59	0.415
3, 20–30%		2.28	0.97, 5.11	0.049
4, 10%		6.56	1.84, 21.7	0.002
diabetes	460			
1, No		—	—	
2, Type 1		0.75	0.04, 4.02	0.787
3, Type 2		1.50	0.68, 3.07	0.285
4, Unknown		4.13	0.19, 44.1	0.251
any_previous_malignancy	460	0.00	0.00, 207,584,021	0.982
multi_drug_resistant_bacte	460	0.82	0.24, 2.15	0.711
ever_smoked	460	0.60	0.33, 1.07	0.088
lung_infection_requiring_i	460	1.04	0.35, 2.56	0.935
prior_cardiac_surgery	460	0.63	0.03, 3.31	0.663
prior_lung_surgery_non_tra	460	0.83	0.31, 1.91	0.693
prior_lung_transplant	460	1.87	0.67, 4.51	0.191
tracheostomy	460	2.76	0.96, 6.95	0.041

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Characteristic	N	OR	95% CI	p-value
prior_pleurodesis	460	0.90	0.14, 3.26	0.890
chronic_steroid_use_5_mg_2	460	2.05	1.15, 3.66	0.015
pulmonary_artery_systolic	456	1.02	1.00, 1.03	0.031
mean_pulmonary_capillary_w	453	1.00	0.95, 1.05	0.940
cardiac_output_l_min	446	1.07	0.95, 1.20	0.211
cardiac_index_l_m_m2	437	1.09	0.84, 1.34	0.461
pulmonary_artery_diastolic	456	1.04	1.01, 1.07	0.017
pulmonary_artery_mean_pres	456	1.02	1.00, 1.05	0.057
ejection_fraction	444	0.98	0.93, 1.04	0.578
rv_dysfunction	451			
1, None		—	—	
2, Mild		1.29	0.60, 2.59	0.499
3, Moderate		1.35	0.38, 3.73	0.601
4, Severe		1.58	0.35, 5.04	0.486
rvsp_or_spap	322			
< 40 mmHg		—	—	
≥ 40 mmHg		1.41	0.73, 2.79	0.312
abo_group	460			
1, A		—	—	
2, B		2.11	0.80, 5.23	0.116
3, AB		2.35	0.62, 7.40	0.166
4, O		1.29	0.67, 2.57	0.460
rh	460			
Positive		—	—	
Negative		1.20	0.44, 2.81	0.689
most_recent_creatinine_mg	459	1.33	0.33, 4.60	0.666

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most_recent_total_bilirubi	459	1.73	0.89, 3.18	0.086
most_recent_hemoglobin	459	0.91	0.80, 1.03	0.131
most_recent_hematocrit	459	0.97	0.93, 1.02	0.254
fvc	441	1.03	0.68, 1.52	0.899
fvc_predicted	438	1.00	0.98, 1.02	0.769
fev1	441	0.98	0.65, 1.09	0.805
fev1_predicted	439	1.00	0.99, 1.02	0.606
fio2_estimate	451	1.00	0.99, 1.02	0.531
paco2	456	1.02	0.99, 1.04	0.111
pao2	449	1.00	0.99, 1.00	0.567
perfusion_right_lung	318	1.00	0.98, 1.03	0.887
perfusion_left_lung	318	1.00	0.97, 1.03	0.883
ventilation_right_lung	83	0.97	0.91, 1.05	0.441
ventilation_left_lung	83	1.03	0.96, 1.10	0.421
age	460	1.00	0.98, 1.02	0.781
gender_donor	460			
Male		—	—	
Female		0.57	0.29, 1.08	0.099
race_donor	460			
1, White		—	—	
2, African American/Black		1.15	0.50, 2.50	0.735
3, Other		1.99	1.05, 3.80	0.036
diabetes_donor	457	0.81	0.30, 1.85	0.645
cxr_abnormalities	460			
1, None		—	—	
2, Minor		0.89	0.46, 1.67	0.713

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3, Single Lobe		0.51	0.12, 1.54	0.288
4, Multilobe		0.51	0.17, 1.26	0.178
pneumonia	459	1.01	0.34, 2.48	0.986
secretions	455			
1, None		—	—	
2, Moderate		0.92	0.51, 1.65	0.778
3, Major		1.50	0.08, 9.76	0.714
ecd_extended_criteria	460	1.14	0.61, 2.20	0.693
cause_of_death	460			
1, Anoxia		—	—	
2, CVA/Stroke		1.11	0.51, 2.44	0.795
3, Head Trauma		1.28	0.63, 2.71	0.509
5, Other		3.60	0.48, 18.7	0.148
donor_type	460			
DBD		—	—	
DCD		0.78	0.18, 2.31	0.694
cmv_status_donor	460			
1, Positive		—	—	
2, Negative		0.69	0.32, 1.38	0.318
3, Unknown		1.42	0.07, 9.11	0.750
ever_smoked_donor	453	0.84	0.45, 1.52	0.569
estimated_pack_year_histor	157	1.06	1.00, 1.13	0.033
best_pf_ratio_prior_to_ret	460	1.00	1.00, 1.00	0.998
last_pf_ratio_prior_to_ret	460	1.00	1.00, 1.00	0.186
evlp	460	0.93	0.49, 1.69	0.818
type_of_lung_transplant	460			

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Characteristic	N	OR	95% CI	p-value
1, Single Right		—	—	
2, Single Left		0.32	0.05, 1.38	0.167
3, Double		0.82	0.38, 1.98	0.638
warm_ischemic_time_left_lu	397	1.01	0.99, 1.02	0.348
warm_ischemic_time_right_l	416	1.00	0.98, 1.02	0.979
type_of_incision	364			
1, Clamshell		—	—	
2, Sternotomy		2.29	0.80, 5.74	0.095
3, Isolated Bilateral Thoracotomies		1.45	0.22, 5.70	0.635
skin_skin_time	298	1.00	1.00, 1.01	0.156
skin_to_skin_time_2	349	1.00	1.00, 1.01	0.019
chest_left_open	460	1.59	0.66, 3.44	0.269
use_of_ecls	460	1.83	1.00, 3.49	0.055
if_yes_type_of_support	264			
1, CPB		—	—	
2, ECMO		0.47	0.22, 1.05	0.058
3, Modified Bypass		0.72	0.10, 3.21	0.692
circuit_with_heparin_coati	211	0.81	0.32, 2.33	0.667
if_cpb_or_modified_cpb_was	60	0.77	0.20, 3.31	0.711
if_cpb_was_a_leukocyte_fil	56	0.00		0.994
if_cpb_pump_suckers_used	58	3.71	0.61, 71.6	0.234
avalon_cannula	198	1.42	0.21, 5.77	0.662
target_flow_rate	239	1.30	0.81, 2.06	0.276
time_of_ecls	257	1.00	1.00, 1.00	0.719
target_act	260	1.00	1.00, 1.01	0.117
total_heparin_dose	402	1.00	1.00, 1.00	0.504

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nadir_temperature	428	0.99	0.89, 1.06	0.761
nadir_hct	425	0.95	0.90, 1.0	0.033
cell_salvage	443	1.00		0.803
units_rbc_intraop	426	1.20	1.10, 1.32	<0.001
units_ffp_intraop	401	1.14	1.01, 1.30	0.038
units_of_platelets	377	1.54	1.23, 1.94	<0.001
units_of_cryoprecipitate	403	1.18	0.94, 1.46	0.134
total_amount_of_fluids_use	446	1.00	1.00, 1.00	0.408
type_of_pressor_used___0	460	0.99	0.29, 2.64	0.986
type_of_pressor_used___1	460	1.15	0.63, 2.19	0.664
type_of_pressor_used___2	460	0.90	0.49, 1.72	0.740
type_of_pressor_used___3	460	0.76	0.42, 1.40	0.364
type_of_pressor_used___4	460	2.62	0.38, 11.7	0.246
type_of_pressor_used___5	460	2.59	0.13, 20.6	0.414
type_of_pressor_used___6	460	1.19	0.47, 2.65	0.683
type_of_pressor_used___7	460	0.00		0.987
use_of_inhaled_vasodilator	422			
1, Nitric Oxide		—	—	
2, Flolan		0.98	0.40, 2.17	0.956
3, N/A		1.37	0.67, 2.71	0.374
intraoperative_ecls	460			
1, Off-pump		—	—	
2, ECMO		1.25	0.66, 2.34	0.490
3, CPB		1.93	0.72, 4.66	0.163
4, Modified CPB		1.51	0.23, 6.02	0.601
type_of_ecls_used	460			
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None		—	—	
ECMO		2.70	1.23, 5.56	0.009
was_there_a_conversion	460	2.06	0.95, 4.16	0.053
type_of_ecls_conversion	57			
1, ECMO		—	—	
2, CPB		2.58	0.63, 10.3	0.175
3, modified CPB		0.00		0.995
postoperative_ecls	460	3.04	1.66, 5.50	<0.001
total_fluids_in_first_24_h	438	1.00	1.00, 1.00	0.679
type_of_post_op_fluids_in	436			
1, ECMO		—	—	
2, CPB		0.52	0.08, 10.4	0.567
3, modified CPB		0.70	0.11, 13.5	0.743
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