

Table 12.10
Unadjusted Graft Survival, Deceased Donor Lung Transplants
Survival at 3 Months, 1 Year, 5 Years, and 10 Years

	3 Months			1 Year			5 Years			10 Years		
	(Tx 2007 - 2008)			(Tx 2007 - 2008)			(Tx 2003 - 2008)			(Tx 1998 - 2008)		
	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
Total												
All	2,931	91.6%	0.5%	2,931	81.5%	0.7%	7,948	51.2%	0.7%	12,650	26.1%	0.7%
Age at Tx												
<1 Year	7	100.0%	0.0%	7	85.7%	13.2%	22	43.8%	13.6%	41	34.1%	9.5%
1-5 Years	9	77.8%	13.9%	9	77.8%	13.9%	26	56.1%	11.3%	50	27.7%	9.8%
6-11 Years	11	100.0%	0.0%	11	81.8%	11.6%	51	49.4%	8.2%	98	25.4%	7.2%
12-17 Years	68	97.1%	2.0%	68	88.1%	3.9%	193	36.0%	4.6%	292	14.9%	3.9%
18-34 Years	344	94.8%	1.2%	344	83.9%	2.0%	978	46.9%	2.0%	1,594	32.1%	1.8%
35-49 Years	429	92.8%	1.3%	429	86.2%	1.7%	1,330	57.3%	1.7%	2,437	34.6%	1.5%
50-64 Years	1,568	90.9%	0.7%	1,568	81.2%	1.0%	4,397	52.9%	1.0%	7,004	22.8%	1.0%
65+ Years	495	89.5%	1.4%	495	76.0%	1.9%	951	41.3%	2.4%	1,134	9.9%	2.7%
Recipient Ethnicity/Race												
White	2,445	91.7%	0.6%	2,445	81.4%	0.8%	6,766	51.3%	0.8%	10,976	26.3%	0.8%
African American	253	92.9%	1.6%	253	84.5%	2.3%	643	52.7%	2.5%	951	23.9%	2.9%
Hispanic/Latino	170	88.8%	2.4%	170	80.0%	3.1%	389	47.2%	3.4%	527	24.4%	3.7%
Asian	40	90.0%	4.7%	40	77.3%	6.7%	98	54.3%	6.4%	127	39.3%	6.4%
Other/Multi-race	23	82.6%	7.9%	23	78.3%	8.6%	50	34.6%	11.9%	67	21.6%	10.3%
Unknown	0	-	-	0	-	-	2	100.0%	0.0%	2	0.0%	0.0%
Recipient Gender												
Female	1,194	92.6%	0.8%	1,194	83.0%	1.1%	3,510	51.9%	1.1%	5,871	27.3%	1.0%
Male	1,737	90.8%	0.7%	1,737	80.6%	1.0%	4,438	50.7%	1.0%	6,779	24.9%	1.0%
Recipient Blood Type												
O	1,326	91.8%	0.8%	1,326	82.0%	1.1%	3,575	50.5%	1.1%	5,580	24.8%	1.1%
A	1,163	91.9%	0.8%	1,163	82.3%	1.1%	3,199	52.2%	1.1%	5,142	27.6%	1.1%
B	307	89.3%	1.8%	307	77.8%	2.4%	853	51.6%	2.2%	1,410	26.0%	2.1%
AB	135	91.9%	2.4%	135	79.3%	3.5%	321	48.4%	3.9%	518	24.5%	3.4%
Previous Lung Tx												
No	2,777	92.1%	0.5%	2,777	82.4%	0.7%	7,599	51.7%	0.7%	12,189	26.4%	0.7%
Yes	154	82.5%	3.1%	154	65.5%	3.8%	349	41.8%	3.3%	461	18.7%	5.0%

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Total												
All	2,931	91.6%	0.5%	2,931	81.5%	0.7%	7,948	51.2%	0.7%	12,650	26.1%	0.7%
Recipient Residency												
U.S. Resident	2,912	91.6%	0.5%	2,912	81.5%	0.7%	7,912	51.2%	0.7%	12,575	26.0%	0.7%
Nonresident Alien	19	89.2%	7.2%	19	82.8%	9.1%	34	51.4%	13.0%	59	46.1%	8.5%
Unknown	0	-	-	0	-	-	2	+	+	16	21.4%	10.8%
Hospitalized at Tx												
Not Hospitalized	2,442	93.3%	0.5%	2,442	84.3%	0.7%	6,885	53.2%	0.8%	11,209	26.5%	0.8%
Hospitalized	234	90.6%	1.9%	234	76.8%	2.8%	538	39.3%	3.2%	752	27.5%	2.8%
In Intensive Care	255	76.1%	2.7%	255	59.6%	3.1%	525	36.7%	2.7%	678	19.4%	3.3%
Unknown	0	-	-	0	-	-	0	-	-	11	46.9%	18.7%
Life Support at Tx												
No	2,698	92.6%	0.5%	2,698	82.9%	0.7%	7,409	51.8%	0.8%	11,835	26.2%	0.7%
Yes	233	79.8%	2.6%	233	65.6%	3.1%	539	44.3%	2.6%	804	25.4%	3.0%
Unknown	0	-	-	0	-	-	0	-	-	11	46.9%	18.7%
Primary Diagnosis												
Emphysema/COPD	840	91.8%	0.9%	840	81.6%	1.3%	2,581	52.7%	1.2%	4,585	22.2%	1.1%
Cystic Fibrosis	415	95.2%	1.1%	415	84.5%	1.8%	1,211	50.4%	1.8%	1,967	32.6%	1.7%
Idiopathic Pulmonary Fibrosis	979	91.2%	0.9%	979	80.5%	1.3%	2,279	49.3%	1.4%	3,075	23.0%	1.8%
Alpha-1-Antitrypsin Deficiency	84	97.6%	1.7%	84	90.4%	3.2%	314	59.7%	3.2%	684	27.5%	2.8%
Idiopathic Pulmonary Arterial Hypertension	53	86.8%	4.7%	53	83.0%	5.2%	203	47.5%	4.3%	410	34.7%	3.2%
Congenital Disease	5	100.0%	0.0%	5	80.0%	17.9%	24	33.1%	10.6%	89	30.2%	5.7%
Other	553	88.8%	1.3%	553	79.7%	1.7%	1,334	51.5%	1.8%	1,837	31.8%	1.9%
Unknown	2	50.0%	35.4%	2	50.0%	35.4%	2	+	+	3	+	+

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	N	%	Std. Err.									
Total												
All	2,931	91.6%	0.5%	2,931	81.5%	0.7%	7,948	51.2%	0.7%	12,650	26.1%	0.7%
Cold Ischemic Time												
0-90 Minutes	12	83.3%	10.8%	12	66.7%	13.6%	50	37.6%	7.9%	102	15.3%	5.1%
91-180 Minutes	206	91.3%	2.0%	206	82.5%	2.7%	691	48.3%	2.3%	1,373	19.9%	1.7%
181-270 Minutes	794	91.2%	1.0%	794	80.9%	1.4%	2,190	48.7%	1.4%	3,595	22.8%	1.3%
271-360 Minutes	994	91.5%	0.9%	994	81.9%	1.2%	2,533	53.5%	1.3%	3,723	30.2%	1.4%
361-480 Minutes	579	92.7%	1.1%	579	83.5%	1.5%	1,409	52.6%	1.8%	1,892	31.4%	2.3%
481+ Minutes	149	89.9%	2.5%	149	75.6%	3.5%	339	52.1%	3.6%	498	35.8%	3.8%
Unknown	197	91.9%	1.9%	197	80.7%	2.8%	736	52.3%	2.3%	1,467	26.3%	1.8%
Yearly Center Volume												
0-3	39	89.7%	4.9%	39	81.8%	6.2%	147	59.1%	5.3%	517	23.5%	2.7%
4-6	37	86.5%	5.6%	37	83.8%	6.1%	242	40.5%	4.0%	178	22.8%	4.8%
7-11	218	92.7%	1.8%	218	80.2%	2.7%	288	48.4%	3.9%	1,147	18.4%	2.4%
12-20	414	90.3%	1.5%	414	78.2%	2.0%	1,175	43.3%	1.8%	2,822	21.3%	1.4%
21+	2,223	91.8%	0.6%	2,223	82.2%	0.8%	6,096	53.2%	0.8%	7,986	29.0%	0.9%
Type of Procedure												
Double Lung	1,916	91.6%	0.6%	1,916	82.5%	0.9%	4,836	53.4%	0.9%	6,971	33.2%	1.0%
Single Lung	1,015	91.4%	0.9%	1,015	79.7%	1.3%	3,112	48.2%	1.1%	5,679	19.9%	0.9%
Donor Age												
<1 Year	10	90.0%	9.5%	10	80.0%	12.6%	24	40.2%	12.6%	41	20.3%	9.4%
1-5 Years	9	88.9%	10.5%	9	66.7%	15.7%	42	50.2%	9.2%	90	26.2%	6.4%
6-11 Years	33	97.0%	3.0%	33	84.8%	6.2%	121	46.9%	5.3%	229	19.8%	4.8%
12-17 Years	334	92.8%	1.4%	334	82.0%	2.1%	991	49.3%	2.0%	1,679	29.3%	1.7%
18-34 Years	1,311	91.7%	0.8%	1,311	82.7%	1.0%	3,464	51.9%	1.1%	5,413	28.1%	1.1%
35-49 Years	754	91.2%	1.0%	754	81.1%	1.4%	2,039	52.9%	1.4%	3,370	23.6%	1.3%
50-64 Years	452	91.6%	1.3%	452	80.7%	1.9%	1,186	50.1%	1.9%	1,734	22.2%	2.3%
65+ Years	28	75.0%	8.2%	28	50.0%	9.4%	81	30.6%	6.2%	94	19.7%	9.0%

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All	2,931	91.6%	0.5%	2,931	81.5%	0.7%	7,948	51.2%	0.7%	12,650	26.1%	0.7%
Lung Diagnosis Group												
Group A: Obstructive Lung Disease	1,046	92.1%	0.8%	1,046	82.4%	1.2%	3,275	53.4%	1.1%	5,871	23.8%	1.0%
Group B: Pulmonary Vascular Disease	124	84.7%	3.2%	124	79.0%	3.7%	336	44.9%	3.7%	576	35.0%	2.9%
Group C: Cystic Fibrosis or Immunodef. Disorders	414	94.7%	1.1%	414	84.0%	1.8%	1,192	51.0%	1.8%	1,924	33.2%	1.7%
Group D: Restrictive Lung Disease	1,271	90.9%	0.8%	1,271	80.1%	1.1%	2,955	49.5%	1.3%	3,948	24.6%	1.6%
Group E: Age Less Than 12	27	92.6%	5.0%	27	81.5%	7.5%	99	49.0%	6.1%	189	27.6%	5.0%
Other Diagnosis	49	89.8%	4.3%	49	87.8%	4.7%	91	52.1%	7.9%	142	38.4%	6.2%
Lung Allocation Score												
LAS 0	2	100.0%	0.0%	2	100.0%	0.0%	0	-	-	0	-	-
LAS 20 - 29	19	89.5%	7.0%	19	78.9%	9.4%	0	-	-	0	-	-
LAS 30 - 34	813	93.1%	0.9%	813	85.5%	1.2%	0	-	-	0	-	-
LAS 35 - 39	725	93.2%	0.9%	725	81.7%	1.4%	0	-	-	0	-	-
LAS 40 - 49	715	90.9%	1.1%	715	81.0%	1.5%	0	-	-	0	-	-
LAS 50 - 59	247	91.1%	1.8%	247	80.5%	2.5%	0	-	-	0	-	-
LAS 60+	410	87.0%	1.7%	410	75.0%	2.1%	0	-	-	0	-	-
Unknown	0	-	-	0	-	-	7,948	51.2%	0.7%	12,650	26.1%	0.7%

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Total												
All	2,931	91.6%	0.5%	2,931	81.5%	0.7%	7,948	51.2%	0.7%	12,650	26.1%	0.7%
Transplant Center State												
Alabama	53	90.6%	4.0%	53	81.1%	5.4%	165	49.1%	4.9%	327	24.8%	3.8%
Arizona	59	89.8%	3.9%	59	84.7%	4.7%	96	48.8%	7.9%	122	29.0%	9.1%
California	378	93.6%	1.3%	378	82.0%	2.0%	1,014	48.6%	2.0%	1,473	21.6%	2.4%
Colorado	65	96.9%	2.1%	65	87.7%	4.1%	200	46.9%	4.3%	353	21.6%	3.7%
Florida	235	88.1%	2.1%	235	80.0%	2.6%	593	54.2%	2.6%	774	23.8%	4.1%
Georgia	52	92.3%	3.7%	52	86.5%	4.7%	152	46.7%	5.3%	207	16.8%	5.1%
Iowa	17	100.0%	0.0%	17	94.1%	5.7%	17	+	+	17	+	+
Illinois	113	89.4%	2.9%	113	79.4%	3.8%	249	61.7%	3.7%	416	31.8%	4.2%
Indiana	60	86.7%	4.4%	60	70.0%	5.9%	234	47.6%	3.8%	362	15.4%	3.7%
Kentucky	58	89.7%	4.0%	58	70.7%	6.0%	143	41.4%	5.6%	244	18.7%	4.0%
Louisiana	0	-	-	0	-	-	39	52.7%	8.2%	132	6.2%	3.2%
Massachusetts	73	93.2%	3.0%	73	80.8%	4.6%	203	38.3%	4.3%	347	22.1%	3.6%
Maryland	67	91.0%	3.5%	67	79.0%	5.0%	168	40.9%	6.1%	307	27.8%	4.0%
Michigan	77	93.5%	2.8%	77	85.7%	4.0%	207	60.1%	4.6%	400	33.8%	3.8%
Minnesota	85	91.8%	3.0%	85	82.4%	4.1%	278	61.2%	3.7%	460	40.2%	3.5%
Missouri	138	93.5%	2.1%	138	83.3%	3.2%	406	57.2%	3.0%	756	38.2%	2.5%
North Carolina	149	90.6%	2.4%	149	83.8%	3.0%	440	51.4%	3.1%	768	28.1%	2.8%
Nebraska	0	-	-	0	-	-	0	-	-	6	16.7%	15.2%
New Jersey	3	100.0%	0.0%	3	100.0%	0.0%	3	+	+	3	+	+
New York	117	95.7%	1.9%	117	84.6%	3.3%	298	53.8%	4.0%	421	25.3%	4.9%
Ohio	143	90.9%	2.4%	143	84.6%	3.0%	416	54.7%	3.0%	677	23.2%	3.0%
Oklahoma	23	95.7%	4.3%	23	73.9%	9.2%	88	28.1%	5.9%	127	17.8%	5.3%
Oregon	0	-	-	0	-	-	0	-	-	6	+	+
Pennsylvania	420	89.8%	1.5%	420	78.3%	2.0%	945	55.0%	2.0%	1,382	27.0%	2.4%
Tennessee	28	92.9%	4.9%	28	85.7%	6.6%	117	36.0%	5.4%	204	25.6%	3.9%
Texas	240	89.6%	2.0%	240	82.0%	2.5%	621	45.2%	2.6%	956	22.6%	2.6%
Utah	20	100.0%	0.0%	20	100.0%	0.0%	51	51.1%	9.0%	96	22.9%	7.0%
Virginia	82	91.5%	3.1%	82	78.0%	4.6%	301	50.8%	3.7%	503	20.8%	3.2%
Washington	98	95.9%	2.0%	98	88.8%	3.2%	272	58.8%	4.1%	404	21.8%	6.5%
Wisconsin	78	92.3%	3.0%	78	76.9%	4.8%	232	57.3%	3.9%	400	42.3%	3.7%

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