

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 2006 - 2007)			(Tx 2006 - 2007)			(Tx 2002 - 2007)			(Tx 1997 - 2007)		
	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
Total												
All	2,855	91.6%	0.5%	2,855	81.6%	0.7%	7,503	51.5%	0.8%	12,085	26.3%	0.8%
Age at Tx												
<1 Year	8	75.0%	15.3%	8	62.5%	17.1%	22	50.9%	14.0%	44	+	+
1-5 Years	12	83.3%	10.8%	12	83.3%	10.8%	28	40.7%	13.7%	54	25.6%	8.1%
6-11 Years	19	100.0%	0.0%	19	94.7%	5.1%	55	59.9%	9.2%	106	19.9%	10.4%
12-17 Years	65	96.9%	2.1%	65	93.7%	3.0%	180	35.3%	5.5%	285	17.6%	3.8%
18-34 Years	360	93.1%	1.3%	360	82.4%	2.0%	951	48.6%	2.2%	1,566	32.0%	1.9%
35-49 Years	444	91.7%	1.3%	444	87.3%	1.6%	1,351	57.3%	1.8%	2,472	34.8%	1.6%
50-64 Years	1,560	91.7%	0.7%	1,560	80.8%	1.0%	4,190	51.9%	1.1%	6,654	22.1%	1.1%
65+ Years	387	89.1%	1.6%	387	75.3%	2.2%	726	44.9%	3.1%	904	13.9%	3.1%
Recipient Ethnicity/Race												
White	2,412	91.9%	0.6%	2,412	81.7%	0.8%	6,454	51.4%	0.9%	10,555	26.2%	0.8%
African American	245	91.0%	1.8%	245	83.1%	2.4%	575	54.9%	2.8%	889	26.0%	3.1%
Hispanic/Latino	148	86.5%	2.8%	148	77.6%	3.4%	348	47.6%	4.2%	475	30.2%	3.9%
Asian	29	93.1%	4.7%	29	75.9%	7.9%	81	56.4%	7.1%	108	23.9%	9.6%
Other/Multi-race	21	100.0%	0.0%	21	95.2%	4.6%	43	51.3%	10.2%	56	+	+
Unknown	0	-	-	0	-	-	2	100.0%	0.0%	2	+	+
Recipient Gender												
Female	1,230	92.4%	0.8%	1,230	82.3%	1.1%	3,437	51.6%	1.2%	5,754	26.8%	1.1%
Male	1,625	90.9%	0.7%	1,625	81.1%	1.0%	4,066	51.4%	1.1%	6,331	25.8%	1.1%
Recipient Blood Type												
O	1,276	91.4%	0.8%	1,276	81.8%	1.1%	3,339	53.0%	1.2%	5,294	25.7%	1.2%
A	1,161	91.6%	0.8%	1,161	81.5%	1.1%	3,057	49.9%	1.3%	4,936	27.7%	1.1%
B	298	92.3%	1.5%	298	82.0%	2.2%	808	51.4%	2.5%	1,360	26.1%	2.3%
AB	120	91.7%	2.5%	120	79.9%	3.7%	299	51.8%	4.2%	495	16.2%	4.2%
Previous Lung Tx												
No	2,718	92.0%	0.5%	2,718	82.4%	0.7%	7,199	51.9%	0.8%	11,661	26.5%	0.8%
Yes	137	83.2%	3.2%	137	64.9%	4.2%	304	42.2%	4.1%	424	20.5%	4.2%

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Total												
All	2,855	91.6%	0.5%	2,855	81.6%	0.7%	7,503	51.5%	0.8%	12,085	26.3%	0.8%
Recipient Residency												
U.S. Resident	2,841	91.6%	0.5%	2,841	81.6%	0.7%	7,472	51.5%	0.8%	12,002	26.2%	0.8%
Nonresident Alien	14	92.9%	6.9%	14	72.4%	14.2%	29	60.2%	12.5%	56	49.0%	8.5%
Unknown	0	-	-	0	-	-	2	0.0%	0.0%	27	23.2%	9.0%
Hospitalized at Tx												
Not Hospitalized	2,364	93.4%	0.5%	2,364	84.4%	0.8%	6,588	53.3%	0.9%	10,773	26.4%	0.8%
Hospitalized	245	92.7%	1.7%	245	81.5%	2.5%	469	40.4%	3.8%	686	29.1%	3.0%
In Intensive Care	246	72.8%	2.8%	246	55.1%	3.2%	446	35.0%	3.7%	610	20.6%	2.9%
Unknown	0	-	-	0	-	-	0	-	-	16	+	+
Life Support at Tx												
No	2,672	92.6%	0.5%	2,672	82.8%	0.7%	7,049	51.9%	0.8%	11,349	26.3%	0.8%
Yes	183	77.0%	3.1%	183	63.7%	3.6%	454	45.8%	3.0%	720	26.6%	2.7%
Unknown	0	-	-	0	-	-	0	-	-	16	+	+
Primary Diagnosis												
Emphysema/COPD	868	93.3%	0.8%	868	83.6%	1.3%	2,583	52.1%	1.3%	4,523	21.9%	1.2%
Cystic Fibrosis	442	93.9%	1.1%	442	83.5%	1.8%	1,174	50.9%	2.0%	1,933	31.8%	1.8%
Idiopathic Pulmonary Fibrosis	888	89.7%	1.0%	888	78.0%	1.4%	2,005	48.0%	1.7%	2,723	24.2%	2.0%
Alpha-1-Antitrypsin Deficiency	90	94.4%	2.4%	90	88.9%	3.3%	354	60.6%	3.1%	740	27.2%	2.7%
Idiopathic Pulmonary Arterial Hypertension	63	88.9%	4.0%	63	87.3%	4.2%	231	53.5%	4.0%	438	31.8%	3.5%
Congenital Disease	2	100.0%	0.0%	2	50.0%	35.4%	31	42.1%	9.3%	98	27.8%	5.4%
Other	341	91.2%	1.5%	341	84.6%	2.0%	868	55.3%	2.3%	1,361	35.0%	2.2%
Unknown	161	86.3%	2.7%	161	73.8%	3.5%	257	56.5%	5.0%	269	+	+

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Total												
All	2,855	91.6%	0.5%	2,855	81.6%	0.7%	7,503	51.5%	0.8%	12,085	26.3%	0.8%
Cold Ischemic Time												
0-90 Minutes	13	76.9%	11.7%	13	69.2%	12.8%	59	29.6%	8.1%	103	15.0%	5.6%
91-180 Minutes	224	89.7%	2.0%	224	81.6%	2.6%	721	48.7%	2.4%	1,394	21.2%	2.0%
181-270 Minutes	745	92.5%	1.0%	745	80.7%	1.5%	2,093	49.8%	1.5%	3,463	23.4%	1.3%
271-360 Minutes	926	91.3%	0.9%	926	83.0%	1.2%	2,285	52.5%	1.5%	3,456	30.3%	1.5%
361-480 Minutes	509	92.3%	1.2%	509	82.2%	1.7%	1,211	55.2%	2.0%	1,683	29.3%	2.4%
481+ Minutes	111	87.4%	3.2%	111	73.6%	4.2%	275	56.3%	4.1%	439	37.9%	3.9%
Unknown	327	92.7%	1.4%	327	82.1%	2.1%	859	51.9%	2.4%	1,547	26.2%	2.3%
Yearly Center Volume												
0-3	36	91.7%	4.6%	36	88.5%	5.4%	193	49.0%	5.6%	411	23.2%	2.9%
4-6	50	84.0%	5.2%	50	80.0%	5.7%	77	34.0%	7.0%	447	26.6%	3.5%
7-11	165	92.7%	2.0%	165	82.2%	3.0%	658	48.7%	2.6%	1,187	20.2%	2.5%
12-20	433	89.8%	1.5%	433	77.7%	2.0%	1,100	44.0%	2.1%	2,680	22.9%	1.5%
21+	2,171	92.0%	0.6%	2,171	82.3%	0.8%	5,475	53.7%	0.9%	7,360	28.4%	1.0%
Type of Procedure												
Double Lung	1,833	91.5%	0.6%	1,833	82.3%	0.9%	4,385	54.0%	1.1%	6,423	33.7%	1.1%
Single Lung	1,022	91.7%	0.9%	1,022	80.4%	1.2%	3,118	48.7%	1.2%	5,662	19.9%	1.0%
Donor Age												
<1 Year	12	75.0%	12.5%	12	66.7%	13.6%	26	33.3%	13.3%	42	+	+
1-5 Years	12	91.7%	8.0%	12	91.7%	8.0%	44	51.7%	10.6%	103	24.8%	6.3%
6-11 Years	31	93.5%	4.4%	31	90.2%	5.4%	120	52.2%	5.5%	227	20.9%	6.8%
12-17 Years	366	93.7%	1.3%	366	81.7%	2.0%	973	53.2%	2.2%	1,676	31.4%	1.8%
18-34 Years	1,207	91.0%	0.8%	1,207	82.6%	1.1%	3,231	52.8%	1.2%	5,127	26.9%	1.2%
35-49 Years	738	91.0%	1.1%	738	79.3%	1.5%	1,949	50.5%	1.6%	3,216	24.7%	1.4%
50-64 Years	459	93.2%	1.2%	459	84.0%	1.7%	1,090	49.6%	2.3%	1,611	22.1%	2.5%
65+ Years	30	83.3%	6.8%	30	53.1%	9.1%	70	35.8%	7.2%	83	+	+

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Total												
All	2,855	91.6%	0.5%	2,855	81.6%	0.7%	7,503	51.5%	0.8%	12,085	26.3%	0.8%
Lung Diagnosis Group												
Group A: Obstructive Lung Disease	1,092	93.3%	0.8%	1,092	84.3%	1.1%	3,311	53.5%	1.2%	5,848	24.1%	1.1%
Group B: Pulmonary Vascular Disease	102	87.3%	3.3%	102	79.3%	4.0%	307	50.7%	3.7%	554	31.8%	3.1%
Group C: Cystic Fibrosis or Immunodef. Disorders	438	93.4%	1.2%	438	83.1%	1.8%	1,152	51.2%	2.0%	1,883	32.7%	1.8%
Group D: Restrictive Lung Disease	1,164	89.7%	0.9%	1,164	78.4%	1.2%	2,566	48.6%	1.6%	3,476	26.1%	1.7%
Group E: Age Less Than 12	39	89.7%	4.9%	39	84.6%	5.8%	105	53.9%	6.7%	204	26.4%	5.5%
Other Diagnosis	20	95.0%	4.9%	20	95.0%	4.9%	62	63.6%	7.5%	120	30.8%	8.0%
Lung Allocation Score												
LAS 0	5	100.0%	0.0%	5	80.0%	17.9%	0	-	-	0	-	-
LAS 20 - 29	20	85.0%	8.0%	20	85.0%	8.0%	0	-	-	0	-	-
LAS 30 - 34	969	93.8%	0.8%	969	85.5%	1.1%	0	-	-	0	-	-
LAS 35 - 39	740	93.2%	0.9%	740	82.7%	1.4%	0	-	-	0	-	-
LAS 40 - 49	627	89.9%	1.2%	627	79.5%	1.6%	0	-	-	0	-	-
LAS 50 - 59	187	92.0%	2.0%	187	83.2%	2.8%	0	-	-	0	-	-
LAS 60+	307	84.0%	2.1%	307	69.8%	2.6%	0	-	-	0	-	-
Unknown	0	-	-	0	-	-	7,503	51.5%	0.8%	12,085	26.3%	0.8%

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Total												
All	2,855	91.6%	0.5%	2,855	81.6%	0.7%	7,503	51.5%	0.8%	12,085	26.3%	0.8%
Transplant Center State												
Alabama	61	91.8%	3.5%	61	78.2%	5.4%	167	43.4%	5.0%	328	27.3%	4.9%
Arizona	45	86.7%	5.1%	45	79.9%	6.0%	74	57.3%	7.7%	98	28.1%	10.6%
California	351	93.1%	1.3%	351	83.2%	2.0%	958	48.3%	2.4%	1,381	23.1%	2.5%
Colorado	65	93.8%	3.0%	65	87.6%	4.1%	208	47.6%	4.5%	346	23.5%	4.1%
Florida	241	91.7%	1.8%	241	84.6%	2.3%	534	56.8%	3.0%	686	23.0%	4.6%
Georgia	52	92.3%	3.7%	52	82.7%	5.2%	136	45.3%	6.7%	191	22.9%	5.6%
Iowa	5	100.0%	0.0%	5	100.0%	0.0%	5	+	+	5	+	+
Illinois	87	92.0%	2.9%	87	78.7%	4.5%	215	56.7%	4.9%	394	26.3%	5.6%
Indiana	66	86.4%	4.2%	66	69.6%	5.7%	234	46.6%	4.3%	346	13.2%	4.5%
Kentucky	46	97.8%	2.2%	46	82.6%	5.6%	125	36.0%	6.9%	224	12.2%	4.3%
Louisiana	0	-	-	0	-	-	59	49.1%	6.7%	155	16.2%	4.1%
Massachusetts	63	90.5%	3.7%	63	74.6%	5.5%	196	44.6%	4.7%	335	23.9%	4.2%
Maryland	73	89.0%	3.7%	73	77.9%	4.9%	168	44.1%	5.7%	290	32.9%	4.8%
Michigan	73	87.7%	3.8%	73	79.4%	4.7%	196	55.3%	5.1%	388	24.6%	4.3%
Minnesota	107	94.4%	2.2%	107	86.9%	3.3%	275	57.9%	4.4%	455	33.1%	3.9%
Missouri	139	92.8%	2.2%	139	84.0%	3.1%	408	61.8%	3.0%	771	36.1%	2.7%
North Carolina	138	92.8%	2.2%	138	80.0%	3.5%	418	51.7%	3.4%	759	27.6%	2.9%
Nebraska	0	-	-	0	-	-	0	-	-	14	23.8%	12.9%
New Jersey	0	-	-	0	-	-	0	-	-	3	0.0%	0.0%
New York	128	93.8%	2.1%	128	84.3%	3.2%	272	52.7%	5.3%	400	28.3%	5.2%
Ohio	148	92.6%	2.2%	148	85.8%	2.9%	412	53.2%	3.4%	626	24.1%	3.5%
Oklahoma	19	89.5%	7.0%	19	63.2%	11.1%	88	25.7%	5.7%	118	18.7%	4.9%
Oregon	0	-	-	0	-	-	0	-	-	8	+	+
Pennsylvania	374	89.8%	1.6%	374	77.4%	2.2%	829	54.0%	2.4%	1,284	26.8%	2.4%
South Carolina	0	-	-	0	-	-	0	-	-	1	0.0%	0.0%
Tennessee	39	79.5%	6.5%	39	64.1%	7.7%	118	40.3%	5.9%	211	27.5%	4.0%
Texas	221	89.6%	2.1%	221	82.1%	2.6%	574	47.1%	2.8%	916	24.2%	2.6%
Utah	18	94.4%	5.4%	18	94.4%	5.4%	54	53.3%	8.9%	99	24.7%	6.9%
Virginia	115	93.9%	2.2%	115	83.5%	3.5%	299	55.8%	4.2%	486	22.9%	3.9%
Washington	104	94.2%	2.3%	104	87.5%	3.3%	262	56.0%	4.6%	371	19.3%	7.0%
Wisconsin	77	90.9%	3.3%	77	84.4%	4.2%	219	66.7%	3.9%	396	37.4%	4.6%

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