

Table 7.10
Unadjusted Graft Survival, Pancreas After Kidney (PAK) 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 | 467 | 86.9% | 1.6% | 467 | 80.4% | 1.8% | 1,864 | 55.3% | 1.4% | 3,215 | 36.8% | 1.5% |
| Age at Tx | | | | | | | | | | | | |
| 6-11 Years | 0 | - | - | 0 | - | - | 1 | 0.0% | 0.0% | 1 | 0.0% | 0.0% |
| 18-34 Years | 62 | 85.5% | 4.5% | 62 | 78.9% | 5.2% | 312 | 48.2% | 3.4% | 573 | 30.0% | 3.4% |
| 35-49 Years | 305 | 86.2% | 2.0% | 305 | 78.6% | 2.4% | 1,210 | 55.1% | 1.7% | 2,100 | 38.2% | 1.8% |
| 50-64 Years | 99 | 89.9% | 3.0% | 99 | 86.8% | 3.4% | 338 | 64.5% | 3.1% | 536 | 38.5% | 4.1% |
| 65+ Years | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 3 | 0.0% | 0.0% | 5 | 0.0% | 0.0% |
| Recipient Ethnicity/Race | | | | | | | | | | | | |
| White | 394 | 86.8% | 1.7% | 394 | 80.9% | 2.0% | 1,598 | 55.8% | 1.5% | 2,792 | 37.5% | 1.6% |
| African American | 42 | 85.7% | 5.4% | 42 | 75.7% | 6.7% | 143 | 45.8% | 5.7% | 233 | 27.0% | 8.6% |
| Hispanic/Latino | 26 | 88.5% | 6.3% | 26 | 80.8% | 7.7% | 100 | 57.8% | 6.0% | 153 | 19.5% | 14.3% |
| Asian | 4 | 100.0% | 0.0% | 4 | 75.0% | 21.7% | 14 | 50.0% | 13.4% | 19 | + | + |
| Other/Multi-race | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 9 | 66.7% | 15.7% | 18 | 30.2% | 15.1% |
| Recipient Gender | | | | | | | | | | | | |
| Female | 205 | 88.3% | 2.2% | 205 | 81.4% | 2.7% | 805 | 56.6% | 2.1% | 1,384 | 36.8% | 2.2% |
| Male | 262 | 85.9% | 2.2% | 262 | 79.7% | 2.5% | 1,059 | 54.3% | 1.9% | 1,831 | 36.7% | 2.1% |
| Recipient Blood Type | | | | | | | | | | | | |
| O | 209 | 87.6% | 2.3% | 209 | 80.2% | 2.8% | 803 | 54.8% | 2.2% | 1,335 | 37.1% | 2.3% |
| A | 194 | 87.1% | 2.4% | 194 | 81.4% | 2.8% | 757 | 57.0% | 2.1% | 1,354 | 37.0% | 2.3% |
| B | 44 | 81.8% | 5.8% | 44 | 72.6% | 6.7% | 219 | 51.5% | 3.9% | 381 | 35.6% | 4.4% |
| AB | 20 | 90.0% | 6.7% | 20 | 90.0% | 6.7% | 85 | 55.1% | 6.4% | 145 | 36.8% | 8.2% |

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| | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. |
| Total | | | | | | | | | | | | |
| All | 467 | 86.9% | 1.6% | 467 | 80.4% | 1.8% | 1,864 | 55.3% | 1.4% | 3,215 | 36.8% | 1.5% |
| Recipient Residency | | | | | | | | | | | | |
| U.S. Resident | 465 | 86.9% | 1.6% | 465 | 80.4% | 1.8% | 1,861 | 55.3% | 1.4% | 3,203 | 36.6% | 1.5% |
| Nonresident Alien | 2 | 100.0% | 0.0% | 2 | 100.0% | 0.0% | 3 | + | + | 4 | + | + |
| Unknown | 0 | - | - | 0 | - | - | 0 | - | - | 8 | 37.5% | 17.1% |
| Hospitalized at Tx | | | | | | | | | | | | |
| Not Hospitalized | 452 | 87.4% | 1.6% | 452 | 80.9% | 1.9% | 1,824 | 55.7% | 1.4% | 3,136 | 37.0% | 1.5% |
| Hospitalized | 12 | 75.0% | 12.5% | 12 | 65.6% | 14.0% | 34 | 34.5% | 9.9% | 62 | 31.8% | 9.1% |
| In Intensive Care | 3 | 66.7% | 27.2% | 3 | 66.7% | 27.2% | 6 | 33.3% | 25.5% | 15 | + | + |
| Unknown | 0 | - | - | 0 | - | - | 0 | - | - | 2 | 0.0% | 0.0% |
| Cold Ischemic Time | | | | | | | | | | | | |
| 0-11 Hours | 208 | 84.1% | 2.5% | 208 | 76.7% | 2.9% | 652 | 55.4% | 2.5% | 945 | 38.1% | 3.0% |
| 12-21 Hours | 183 | 89.6% | 2.3% | 183 | 84.7% | 2.7% | 765 | 55.2% | 2.1% | 1,398 | 38.9% | 2.2% |
| 22-31 Hours | 25 | 72.0% | 9.0% | 25 | 51.3% | 10.1% | 120 | 47.5% | 5.3% | 268 | 24.5% | 4.0% |
| 32-41 Hours | 0 | - | - | 0 | - | - | 8 | 100.0% | 0.0% | 13 | 90.0% | 9.5% |
| 42+ Hours | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 3 | 100.0% | 0.0% | 4 | + | + |
| Unknown | 50 | 96.0% | 2.8% | 50 | 94.0% | 3.4% | 316 | 56.4% | 3.2% | 587 | 36.5% | 3.8% |
| Yearly Center Volume | | | | | | | | | | | | |
| 0-4 | 64 | 79.7% | 5.0% | 64 | 73.3% | 5.5% | 272 | 50.0% | 3.7% | 482 | + | + |
| 5-7 | 66 | 83.3% | 4.6% | 66 | 78.7% | 5.0% | 254 | 53.7% | 3.6% | 300 | 32.2% | 4.6% |
| 8-11 | 93 | 82.8% | 3.9% | 93 | 74.0% | 4.6% | 225 | 57.5% | 3.8% | 542 | 24.9% | 5.2% |
| 12-19 | 97 | 85.6% | 3.6% | 97 | 75.0% | 4.4% | 426 | 53.3% | 2.8% | 669 | 42.0% | 3.6% |
| 20+ | 147 | 95.2% | 1.8% | 147 | 91.8% | 2.3% | 687 | 58.8% | 2.3% | 1,222 | 38.7% | 2.1% |
| Donor Age | | | | | | | | | | | | |
| <1 Year | 0 | - | - | 0 | - | - | 0 | - | - | 1 | + | + |
| 1-5 Years | 0 | - | - | 0 | - | - | 0 | - | - | 1 | 0.0% | 0.0% |
| 6-11 Years | 12 | 83.3% | 10.8% | 12 | 66.7% | 13.6% | 39 | 64.0% | 8.1% | 76 | 36.6% | 7.8% |
| 12-17 Years | 102 | 87.3% | 3.3% | 102 | 80.3% | 3.9% | 397 | 61.0% | 2.8% | 657 | 38.6% | 3.8% |
| 18-34 Years | 287 | 88.5% | 1.9% | 287 | 82.5% | 2.3% | 1,083 | 55.3% | 1.8% | 1,792 | 38.3% | 2.1% |
| 35-49 Years | 60 | 81.7% | 5.0% | 60 | 75.0% | 5.6% | 327 | 47.0% | 3.3% | 619 | 32.6% | 3.0% |
| 50-64 Years | 6 | 66.7% | 19.2% | 6 | 66.7% | 19.2% | 18 | 66.2% | 11.3% | 69 | 29.6% | 6.7% |

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| | (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 | 467 | 86.9% | 1.6% | 467 | 80.4% | 1.8% | 1,864 | 55.3% | 1.4% | 3,215 | 36.8% | 1.5% |
| A Locus Mismatch | | | | | | | | | | | | |
| 0 | 48 | 91.7% | 4.0% | 48 | 78.9% | 5.9% | 245 | 53.5% | 3.7% | 488 | 36.1% | 3.3% |
| 1 | 234 | 86.3% | 2.2% | 234 | 80.7% | 2.6% | 894 | 56.5% | 2.0% | 1,558 | 38.0% | 2.2% |
| 2 | 185 | 86.5% | 2.5% | 185 | 80.5% | 2.9% | 725 | 54.8% | 2.2% | 1,169 | 35.5% | 2.6% |
| B Locus Mismatch | | | | | | | | | | | | |
| 0 | 22 | 90.9% | 6.1% | 22 | 81.8% | 8.2% | 112 | 50.5% | 5.9% | 234 | 39.7% | 4.4% |
| 1 | 149 | 87.2% | 2.7% | 149 | 80.4% | 3.3% | 671 | 52.9% | 2.3% | 1,220 | 36.6% | 2.3% |
| 2 | 296 | 86.5% | 2.0% | 296 | 80.3% | 2.3% | 1,081 | 57.5% | 1.8% | 1,761 | 36.1% | 2.3% |
| DR Locus Mismatch | | | | | | | | | | | | |
| 0 | 40 | 82.5% | 6.0% | 40 | 77.5% | 6.6% | 200 | 55.2% | 4.2% | 382 | 31.4% | 3.9% |
| 1 | 216 | 87.0% | 2.3% | 216 | 79.1% | 2.8% | 864 | 54.9% | 2.0% | 1,560 | 37.6% | 2.1% |
| 2 | 211 | 87.7% | 2.3% | 211 | 82.4% | 2.6% | 800 | 56.0% | 2.1% | 1,271 | 37.8% | 2.7% |
| Unknown | 0 | - | - | 0 | - | - | 0 | - | - | 2 | 0.0% | 0.0% |
| Total Mismatch | | | | | | | | | | | | |
| 0 | 6 | 100.0% | 0.0% | 6 | 66.7% | 19.2% | 35 | 47.6% | 9.7% | 64 | 33.6% | 8.4% |
| 1 | 9 | 88.9% | 10.5% | 9 | 88.9% | 10.5% | 49 | 48.0% | 8.8% | 107 | 32.9% | 6.3% |
| 2 | 21 | 76.2% | 9.3% | 21 | 71.1% | 10.0% | 136 | 51.6% | 4.8% | 293 | 37.2% | 3.7% |
| 3 | 77 | 89.6% | 3.5% | 77 | 82.9% | 4.3% | 349 | 57.9% | 3.2% | 638 | 38.9% | 3.4% |
| 4 | 137 | 88.3% | 2.7% | 137 | 81.7% | 3.3% | 484 | 55.4% | 2.8% | 843 | 37.9% | 2.8% |
| 5 | 149 | 83.9% | 3.0% | 149 | 76.5% | 3.5% | 529 | 55.7% | 2.6% | 855 | 35.9% | 3.2% |
| 6 | 68 | 89.7% | 3.7% | 68 | 86.8% | 4.1% | 282 | 56.6% | 3.4% | 413 | 34.6% | 5.8% |
| Unknown | 0 | - | - | 0 | - | - | 0 | - | - | 2 | 0.0% | 0.0% |

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| | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. |
| Total | | | | | | | | | | | | |
| All | 467 | 86.9% | 1.6% | 467 | 80.4% | 1.8% | 1,864 | 55.3% | 1.4% | 3,215 | 36.8% | 1.5% |
| Transplant Center State | | | | | | | | | | | | |
| Alabama | 9 | 77.8% | 13.9% | 9 | 55.6% | 16.6% | 29 | 71.7% | 8.5% | 31 | + | + |
| Arkansas | 0 | - | - | 0 | - | - | 1 | 0.0% | 0.0% | 3 | + | + |
| Arizona | 17 | 94.1% | 5.7% | 17 | 88.2% | 7.8% | 53 | 62.2% | 9.2% | 66 | + | + |
| California | 36 | 97.2% | 2.7% | 36 | 83.1% | 6.3% | 125 | 48.9% | 6.1% | 195 | + | + |
| Colorado | 2 | 100.0% | 0.0% | 2 | 100.0% | 0.0% | 7 | 71.4% | 17.1% | 12 | + | + |
| Connecticut | 1 | 100.0% | 0.0% | 1 | + | + | 13 | 17.3% | 11.1% | 37 | 33.1% | 8.9% |
| District of Columbia | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 16 | 58.3% | 14.8% | 34 | 0.0% | 0.0% |
| Florida | 4 | 75.0% | 21.7% | 4 | 75.0% | 21.7% | 33 | 57.0% | 9.2% | 78 | 51.4% | 6.2% |
| Georgia | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 14 | 40.0% | 13.9% | 28 | 32.2% | 12.0% |
| Hawaii | 0 | - | - | 0 | - | - | 1 | 0.0% | 0.0% | 3 | 0.0% | 0.0% |
| Iowa | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 6 | + | + | 15 | + | + |
| Illinois | 28 | 89.3% | 5.8% | 28 | 89.3% | 5.8% | 81 | 70.0% | 5.6% | 124 | 37.5% | 9.6% |
| Indiana | 24 | 95.8% | 4.1% | 24 | 95.8% | 4.1% | 71 | 73.2% | 6.9% | 77 | + | + |
| Kansas | 4 | 75.0% | 21.7% | 4 | 75.0% | 21.7% | 10 | 56.0% | 17.1% | 19 | + | + |
| Kentucky | 4 | 75.0% | 21.7% | 4 | 75.0% | 21.7% | 11 | + | + | 19 | 0.0% | 0.0% |
| Louisiana | 4 | 50.0% | 25.0% | 4 | 25.0% | 21.7% | 22 | 68.7% | 11.3% | 49 | + | + |
| Massachusetts | 14 | 92.9% | 6.9% | 14 | 92.9% | 6.9% | 91 | 59.2% | 5.9% | 138 | 43.0% | 6.6% |
| Maryland | 10 | 90.0% | 9.5% | 10 | 78.8% | 13.4% | 69 | 58.9% | 6.8% | 180 | 43.9% | 5.3% |
| Maine | 3 | 100.0% | 0.0% | 3 | 100.0% | 0.0% | 17 | 43.6% | 16.5% | 19 | + | + |
| Michigan | 10 | 60.0% | 15.5% | 10 | 40.0% | 15.5% | 58 | 33.6% | 6.9% | 101 | 28.7% | 6.0% |
| Minnesota | 52 | 92.3% | 3.7% | 52 | 86.5% | 4.7% | 248 | 47.8% | 3.7% | 622 | 35.7% | 2.5% |
| Missouri | 2 | 100.0% | 0.0% | 2 | 100.0% | 0.0% | 13 | 76.9% | 11.7% | 13 | + | + |
| North Carolina | 8 | 100.0% | 0.0% | 8 | 87.5% | 11.7% | 50 | 55.1% | 8.2% | 85 | 50.2% | 7.2% |
| North Dakota | 2 | 0.0% | 0.0% | 2 | 0.0% | 0.0% | 20 | 55.0% | 11.1% | 32 | + | + |
| Nebraska | 16 | 100.0% | 0.0% | 16 | 100.0% | 0.0% | 30 | 65.2% | 12.6% | 52 | 45.5% | 14.6% |
| New Hampshire | 7 | 71.4% | 17.1% | 7 | 71.4% | 17.1% | 13 | + | + | 13 | + | + |
| New Jersey | 11 | 81.8% | 11.6% | 11 | 63.6% | 14.5% | 63 | 44.4% | 6.8% | 85 | + | + |
| Nevada | 0 | - | - | 0 | - | - | 0 | - | - | 1 | + | + |
| New York | 33 | 81.8% | 6.7% | 33 | 72.0% | 8.0% | 87 | 58.0% | 6.8% | 136 | + | + |
| Ohio | 35 | 97.1% | 2.8% | 35 | 97.1% | 2.8% | 132 | 71.0% | 4.8% | 201 | 46.2% | 5.7% |
| Oklahoma | 2 | 100.0% | 0.0% | 2 | 50.0% | 35.4% | 8 | 37.5% | 17.1% | 9 | + | + |
| Oregon | 0 | - | - | 0 | - | - | 10 | 60.0% | 15.5% | 15 | + | + |
| Pennsylvania | 31 | 90.3% | 5.3% | 31 | 77.3% | 7.6% | 107 | 56.9% | 5.7% | 171 | 29.0% | 6.7% |
| Rhode Island | 6 | 83.3% | 15.2% | 6 | 83.3% | 15.2% | 22 | 67.1% | 10.3% | 24 | + | + |
| South Carolina | 5 | 60.0% | 21.9% | 5 | 60.0% | 21.9% | 19 | 28.1% | 12.2% | 36 | 26.0% | 9.5% |

(Continued)

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| Transplant Center State | | | | | | | | | | | | |
| South Dakota | 6 | 83.3% | 15.2% | 6 | 83.3% | 15.2% | 24 | 52.4% | 11.9% | 24 | + | + |
| Tennessee | 6 | 83.3% | 15.2% | 6 | 83.3% | 15.2% | 38 | 51.7% | 9.0% | 67 | 45.4% | 7.3% |
| Texas | 30 | 73.3% | 8.1% | 30 | 63.0% | 8.9% | 73 | 49.3% | 6.8% | 114 | 37.0% | 7.1% |
| Utah | 3 | 100.0% | 0.0% | 3 | 100.0% | 0.0% | 32 | 34.0% | 9.6% | 41 | + | + |
| Virginia | 18 | 72.2% | 10.6% | 18 | 72.2% | 10.6% | 57 | 68.7% | 6.7% | 73 | 0.0% | 0.0% |
| Vermont | 0 | - | - | 0 | - | - | 3 | 66.7% | 27.2% | 4 | + | + |
| Washington | 9 | 77.8% | 13.9% | 9 | 66.7% | 15.7% | 21 | 39.5% | 16.2% | 41 | 24.6% | 18.0% |
| Wisconsin | 12 | 83.3% | 10.8% | 12 | 83.3% | 10.8% | 66 | 59.7% | 6.4% | 128 | 42.4% | 5.9% |

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