

**FREEMAN HOSPITAL, NEWCASTLE
OVERVIEW OF ACTIVITY, APRIL 2008 - MARCH 2011**

H=Heart
L=Lung (incl. heart/lung)

**TABLE 1
PATIENTS ON THE ACTIVE TRANSPLANT LIST**

| Age of patient (years) | Organ | Number of patients on the transplant list (daily average) | Number of patients joining the transplant list (Apr 08 - Mar 11) |
|------------------------|-------|---|--|
| <16 | H | 4 | 70 |
| <16 | L | 2 | 9 |
| ≥16 | H | 18 | 85 |
| ≥16 | L | 73 | 189 |

Includes urgent registrations and registrations for a regrant

**TABLE 2
TRANSPLANTS**

| Age of patient at transplant (years) | Organ | Number of transplants | | |
|--------------------------------------|-------|-----------------------|-----------|-----------|
| | | 2008/2009 | 2009/2010 | 2010/2011 |
| <16 | H | 14 | 16 | 21 |
| <16 | L | 0 | 1 | 1 |
| ≥16 | H | 19 | 17 | 16 |
| ≥16 | L | 45 | 44 | 44 |

Includes multi-organ transplants, donor after circulatory death transplants, domino donor transplants and regrafts
Excludes living donor transplants

SURVIVAL ESTIMATES, JULY 1995 - MARCH 2011

For estimation of patient survival rates, patients are followed up until either death or the 30 day, 1 year or 5 year time point is reached. The follow-up period for a given patient may then include any repeat grafts that the patient had. To ensure that each patient death is counted only once, patient survival rates are restricted to first grafts only. Unadjusted and risk-adjusted survival rates and 95% confidence intervals (CI) are given for each centre, together with unadjusted estimates and confidence intervals for all centres combined. The risk-adjusted rate gives an estimate of what the survival rate at a centre would have been if they had had the same mix of patients as that found across all centres. A centre has a significantly higher survival rate than expected after adjusting for patient case-mix if it has a confidence interval for the risk-adjusted rate that is entirely above the national rate. A centre has a significantly lower survival rate than expected after adjusting for patient case-mix if it has a confidence interval for the risk-adjusted rate that is entirely below the national rate.

TABLE 3
PATIENT SURVIVAL RATES FOR ADULT (AGE ≥ 16 YEARS) TRANSPLANT PATIENTS
 Note: Only the risk-adjusted rates for a centre can be validly compared with 'All centres' rates

| | Freeman Hospital, Newcastle | | | | | All centres | | |
|--|-----------------------------|-----------------------|-----------|-----------------------|-----------|-----------------------|-----------------------|-----------|
| | Number of transplants | Unadjusted | | Risk-adjusted | | Number of transplants | Survival estimate (%) | |
| | | Survival estimate (%) | 95% CI | Survival estimate (%) | 95% CI | | Survival estimate (%) | 95% CI |
| Heart transplants | | | | | | | | |
| 30 day | 52 | 88.5 | 76.6-95.6 | 91.1 | 81.4-96.9 | 268 | 86.9 | 82.3-90.7 |
| 1 year | 371 | 78.0 | 73.4-81.9 | 78.2 | 74.3-82.0 | 2369 | 80.8 | 79.1-82.3 |
| 5 year | 371 | 66.8 | 61.5-71.5 | - | - | 2369 | 70.8 | 68.8-72.6 |
| Lung and Heart/Lung transplants | | | | | | | | |
| 30 day | 131 | 91.6 | 85.5-95.7 | 93.0 | 87.5-96.7 | 444 | 93.2 | 90.5-95.4 |
| 1 year | 572 | 80.9 | 77.4-84.0 | 78.9 | 75.4-82.1 | 2103 | 76.0 | 74.1-77.8 |
| 5 year | 572 | 59.1 | 54.1-63.7 | - | - | 2103 | 51.7 | 49.2-54.0 |
| Cohorts for survival rate estimation | | | | | | | | |
| 30 day: 1 April 2008 to 31 March 2011 | | | | | | | | |
| 1 and 5 year: 1 July 1995 to 31 March 2011 | | | | | | | | |
| Excludes multi-organ transplants, heterotopic heart transplants, living lung donor transplants and retransplants | | | | | | | | |

TABLE 4
PATIENT SURVIVAL RATES FOR PAEDIATRIC (AGE < 16 YEARS) TRANSPLANT PATIENTS
 Note: Risk-adjusted survival estimates are not available for paediatric transplantation

| | Freeman Hospital, Newcastle | | | All centres | | |
|--|-----------------------------|----------------------------------|-----------|-----------------------|-----------------------|-----------|
| | Number of transplants | Unadjusted survival estimate (%) | 95% CI | Number of transplants | Survival estimate (%) | 95% CI |
| Heart transplants | | | | | | |
| 30 day | 48 | 100.0 | - | 103 | 97.1 | 91.7-99.4 |
| 1 year | 149 | 93.8 | 88.4-96.7 | 421 | 92.0 | 89.0-94.3 |
| 5 year | 149 | 87.3 | 79.5-92.3 | 421 | 81.4 | 76.8-85.2 |
| Lung and Heart/Lung transplants | | | | | | |
| 30 day | 2 | 100.0 | - | 19 | 94.7 | 74.0-99.9 |
| 1 year | 12 | 91.7 | 53.9-98.8 | 100 | 83.7 | 74.8-89.7 |
| 5 year | 12 | 69.8 | 31.8-89.4 | 100 | 62.9 | 51.1-72.6 |
| Cohorts for survival rate estimation | | | | | | |
| 30 day: 1 April 2008 to 31 March 2011 | | | | | | |
| 1 and 5 year: 1 July 1995 to 31 March 2011 | | | | | | |
| Excludes multi-organ transplants, heterotopic heart transplants, living lung donor transplants and retransplants | | | | | | |