

Belfast City Hospital, Belfast
Overview of activity, 2005 - 2007

Table 1: Overview of activity

| Age of patient (years) | Number of patients on transplant list (daily average) | Percentage ¹ of patients ² receiving kidney only transplant within 1 year of listing | Number of transplants carried out (annual average) | | | | Number of kidneys ³ retrieved by unit (annual average) | |
|------------------------|---|--|--|------------------------------|-------------------------|-------------|---|---|
| | | | All transplants | Kidney only transplants from | | | | Multi-organ transplants that include a kidney |
| | | | | Heartbeating donors | Non-heartbeating donors | Live donors | | |
| <18 | 7 | 40 | 3 | 2 | 0 | 1 | 0 | 57 |
| ≥18 | 269 | 10 | 37 | 29 | 0 | 8 | 0 | |

¹ As a percentage of the number of patients newly listed on the deceased donor transplant list between 2003 and 2005
² Exclusions - patients who received live donor transplants (as centre practices with regards to listing of such patients differ) and patients registered for kidney/pancreas transplant
³ Kidneys donated by adult or paediatric deceased or live donors

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Details of activity, 2005 - 2007

Table 2: Donors

| Deceased donors (annual average) | | | Live donors (annual average) | |
|----------------------------------|------------------|---|------------------------------|---|
| Heartbeating | Non-heartbeating | | Number | % of transplants in which kidneys from live donors were used ^{2,3} |
| Number | Number | % of transplants in which kidneys from non-heartbeating donors were used ^{1,2} | | |
| 24 | 0 | - | 9 | 23 |

¹All non-heartbeating donor kidneys were transplanted in adult patients

²As a percentage of all transplants at the centre in adult or paediatric patients using kidneys from live or deceased donors

³See Table 4 for numbers of transplants in paediatric and adult patients

Table 3: Patients on the active transplant list

| Age of patient (years) | Number of patients on the transplant list (daily average) | Percent change in list size over time period | Number of patients joining the deceased donor transplant list (2003-2005) ¹ | Percentage of patients receiving kidney only transplant within: | | |
|------------------------|---|--|--|---|--------|---------|
| | | | | 6 months | 1 year | 2 years |
| <18 | 7 | 0 | 10 | 20 | 40 | 50 |
| ≥18 | 269 | +3 | 211 | 4 | 10 | 14 |

¹Exclusions - patients who received live donor transplants (as centre practices with regards to listing of such patients differ) and patients registered for a kidney/pancreas transplant

Table 4: Transplants

| Age of patient at transplant (years) | Number of transplants carried out (annual average) | Number of kidney only transplants from: (annual average) | | | Number of multi-organ transplants that include a kidney (annual average) |
|--------------------------------------|--|--|------------------|-------------|--|
| | | Deceased donors | | Live donors | |
| | | Heartbeating | Non-heartbeating | | |
| <18 | 3 | 2 | 0 | 1 | 0 |
| ≥18 | 37 | 29 | 0 | 8 | 0 |

Belfast City Hospital, Belfast
Survival rates

Table 5: Survival rates for adult (age \geq 18 years) transplant patients¹
(Note: Only the risk-adjusted rates for a centre can be validly compared with the 'All centres' rates)

| | This centre | | | | | All centres | | |
|---|-----------------------|-----------------------|-----------|-----------------------|-----------|-----------------------|-----------------------|----------|
| | Number of transplants | Unadjusted | | Risk-adjusted | | Number of transplants | Survival estimate (%) | 95% CI |
| | | Survival estimate (%) | 95% CI | Survival estimate (%) | 95% CI | | | |
| First deceased donor transplants | | | | | | | | |
| 1 year survival Graft | 156 | 95 | (91, 98) | 95 | (80, 100) | 4987 | 92 | (92, 93) |
| Patient | 156 | 97 | (92, 99) | 96 | (82, 100) | 4987 | 96 | (95, 97) |
| 5 year survival Graft | 140 | 78 | (70, 84) | 76 | (62, 92) | 5047 | 82 | (81, 83) |
| Patient | 140 | 85 | (77, 90) | 84 | (70, 100) | 5047 | 87 | (86, 88) |
| Live donor transplants | | | | | | | | |
| 1 year survival Graft | 33 | 97 | (80, 100) | 96 | (66, 100) | 2242 | 96 | (95, 96) |
| Patient ² | 31 | 100 | - | 100 | - | 1955 | 98 | (98, 99) |
| 5 year survival Graft | 14 | 93 | (59, 99) | 92 | (49, 100) | 1409 | 88 | (87, 90) |
| Patient ² | 12 | 100 | - | 100 | - | 1232 | 95 | (94, 96) |

¹ Cohorts for survival rate estimation:
1 year survival: 1 Jan 2002 - 31 Dec 2006
5 year survival: 1 Jan 1998 - 31 Dec 2002

² First grafts only - re-grafts excluded for patient survival estimation

Belfast City Hospital, Belfast
Survival rates

Table 6: Survival rates for paediatric (age < 18 years) transplant patients¹
(Note: Only the risk-adjusted rates for a centre can be validly compared with the 'All centres' rates)

| | This centre | | | | | All centres | | |
|---|-----------------------|-----------------------|----------|-----------------------|-----------|-----------------------|-----------------------|-----------|
| | Number of transplants | Unadjusted | | Risk-adjusted | | Number of transplants | Survival estimate (%) | 95% CI |
| | | Survival estimate (%) | 95% CI | Survival estimate (%) | 95% CI | | | |
| First deceased donor transplants | | | | | | | | |
| 1 year survival Graft | 11 | 91 | (51, 99) | 91 | (42, 100) | 334 | 92 | (89, 95) |
| Patient | 11 | 90 | (47, 99) | 90 | (41, 100) | 334 | 100 | (98, 100) |
| 5 year survival Graft | 13 | 92 | (57, 99) | 94 | (48, 100) | 385 | 77 | (72, 81) |
| Patient | 13 | 100 | - | 100 | - | 385 | 98 | (96, 99) |
| Live donor transplants | | | | | | | | |
| 1 year survival Graft | 2 | - | - | - | - | 231 | 97 | (94, 99) |
| Patient ² | 2 | - | - | - | - | 211 | 99 | (96, 100) |
| 5 year survival Graft | 1 | - | - | - | - | 166 | 84 | (77, 89) |
| Patient ² | 1 | - | - | - | - | 153 | 96 | (90, 98) |

¹ Cohorts for survival rate estimation:
1 year survival: 1 Jan 2002 - 31 Dec 2006
5 year survival: 1 Jan 1998 - 31 Dec 2002

² First grafts only - re-grafts excluded for patient survival estimation