

LIKELIHOOD OF TRANSPLANTATION

31 March 1997

AUSTRALIA

Only 31% of all 4895 patients were reported to be on the active waiting list. The majority of patients dialysed at 31st March were not likely to be transplanted because of poor general health, non-renal disease, malignancy, or age. Of those considered for the waiting list, a small group were temporarily off the list (3%), and a larger group were awaiting assessment for the list (7%). See Table 20.

However, in the age group under 65 years, the majority of patients (3118) were on the active waiting list (47%), temporarily off the list (4%), or awaiting assessment (10%). A small group (5%) were reported to have refused the option of transplantation: 4% of those not transplanted, 8% of those previously transplanted. See Table 21.

The highest proportion of patients on the waiting list, was recorded amongst those using haemodialysis at home (68%) or at a "satellite" centre (48%). There was a lower proportion on the list among the 838 patients using CAPD (42%), and as expected, only 34% of those having haemodialysis in a hospital unit. There was a relatively high number of patients awaiting assessment amongst those using hospital haemodialysis (10%), or CAPD (13%). Patient refusal was higher amongst those using home haemodialysis. Poor general health was more common amongst hospital haemodialysis and CAPD patients.

The number of patients on the waiting list in each age group is shown in Table 25 and 26. Most young patients (74%) and adults (59%) were on the waiting list as were a slight majority of the middle aged (50%). Only a minority (29%) of those in the large group 55-64 years, and a very low (5%) of those in the rapidly growing group 65-74 years were on the waiting list. See Figure 38.

INDIVIDUAL AUSTRALIAN STATES

For detail of dialysis treatment and likelihood of transplantation in each State see Table 22.

The number of patients in each State on the waiting list is shown in Table 25 and these patients as a proportion of all dialysis patients is shown in Table 26. In the Northern Territory only 20% of all patients were on the active list: only 14% in the age group 25-34 years. For age related detail see Appendix II.

As expected, in Australia, most young dialysis patients were likely to be transplanted. The proportion of middle aged patients (45-54 years) likely to be transplanted ranged from 27% (Northern Territory) to 63% (New South Wales/ACT) and for those 55-64 years ranged from 13% (Northern Territory) to 37% (New South Wales/ACT). Few elderly patients were likely to be transplanted: 8% New South Wales/ACT and Queensland.

The proportion of all patients in each State under 55 years who were on the waiting list is shown in Figure 39.

NEW ZEALAND

Of 954 patients dialysing at 31st March, 294 (31%) were awaiting transplantation; under 55 years old, there were 208 of 519 patients (40%). A further 4% were temporarily off the list and 12% were awaiting assessment. Of patients under 65 years, 28% were unfit (hospital haemodialysis 37%, satellite haemodialysis 33% and CAPD 30%). See Tables 23-26 and Figures 38 and 39.

Table 20

Australia

Likelihood of Transplantation 31-Mar-97

Likelihood of Transplantation			Haemodialysis			Peritoneal Dialysis			
						CAPD	IPD		
			Hosp.	Home	Sat.		Hosp.	Home	Sat.
On Waiting List	1533	(31%)	284	380	450	372	3	44	0
Temporarily Off List	150	(3%)	44	10	51	38	0	7	0
Awaiting Assessment	331	(7%)	85	22	88	120	1	15	0
Patient Refusal	190	(4%)	48	34	40	65	0	3	0
Medically Unfit	1198	(24%)	431	93	309	337	5	23	0
Malignancy	127	(3%)	40	28	27	31	1	0	0
Age	1271	(26%)	392	55	359	443	7	15	0
Other Reasons	95	(2%)	26	13	33	21	1	1	0
Total	4895	100%	1350	635	1357	1427	18	108	0

Table 21

Australia

Likelihood of Transplantation: Age < 65 years 31-Mar-97

Related to Previous Transplantation

Category	No Previous Transplant (2527)	Previous Unsuccessful Transplant (591)	Total (3118)
On Waiting List	47%	47%	47%
Temporarily Off List	4%	7%	4%
Awaiting Assessment	10%	9%	10%
Patient Refusal	4%	8%	5%
Medically Unfit	26%	20%	25%
Malignancy	2%	4%	3%
Age	4%	1%	3%
Other	3%	4%	3%

Related to Site and Method of Dialysis

Category	CAPD (838)	IPD/CCPD (92)	Hosp.HD (762)	Home HD (543)	Sat.HD (883)
On Waiting List	42%	49%	34%	68%	48%
Temporarily Off List	4%	7%	6%	2%	5%
Awaiting Assessment	13%	17%	10%	4%	10%
Patient Refusal	6%	3%	4%	6%	4%
Medically Unfit	24%	18%	37%	13%	24%
Malignancy	2%	1%	3%	4%	2%
Age	6%	3%	3%	1%	3%
Other	3%	2%	3%	2%	4%

**Likelihood of Transplantation: Age < 65 years 31-Mar-97
Related to Site and Method of Dialysis - Australian States**

	CAPD	IPD/CCPD	Home HD	Hosp.HD	Sat.HD	Total
Queensland	(151)	(20)	(21)	(220)	(52)	(464)
On Waiting List	39%	55%	33%	32%	48%	37%
Temporarily Off List	4%	15%	5%	9%	8%	7%
Awaiting Assessment	24%	25%	10%	11%	13%	16%
Patient Refusal	5%	5%	19%	6%	4%	6%
Medically Unfit	23%	0	28%	36%	23%	28%
Malignancy	3%	0	5%	1%	0	2%
Age	1%	0	0	0	0	<1%
Other	1%	0	0	5%	4%	3%
New South Wales/ACT	(314)	(34)	(340)	(225)	(239)	(1152)
On Waiting List	44%	59%	77%	44%	63%	58%
Temporarily Off List	5%	3%	2%	2%	3%	3%
Awaiting Assessment	7%	12%	3%	10%	3%	6%
Patient /Refusal	8%	3%	4%	3%	5%	5%
Medically Unfit	25%	20%	10%	35%	20%	21%
Malignancy	2%	0	3%	3%	4%	3%
Age	5%	0	<1%	<1%	1%	2%
Other	4%	3%	1%	3%	1%	2%
Victoria	(181)	(19)	(134)	(137)	(345)	(816)
On Waiting List	39%	21%	55%	31%	45%	43%
Temporarily Off List	3%	5%	2%	4%	5%	4%
Awaiting Assessment	12%	16%	6%	6%	10%	9%
Patient Refusal	5%	0	5%	3%	4%	4%
Medically Unfit	23%	32%	17%	38%	27%	26%
Malignancy	3%	5%	5%	5%	1%	3%
Age	14%	16%	5%	12%	6%	9%
Other	1%	5%	5%	1%	2%	2%
Tasmania	(28)	(3)	(1)	(21)	(8)	(61)
On Waiting List	46%	33%	100%	33%	50%	43%
Temporarily Off List	0	0	0	5%	12.5%	3%
Awaiting Assessment	11%	0	0	14%	12.5%	11%
Patient Refusal	18%	33%	0	5%	12.5%	13%
Medically Unfit	18%	33%	0	38%	0	23%
Malignancy	3.5%	0	0	5%	12.5%	5%
Age	3.5%	0	0	0	0	2%
Other	0	0	0	0	0	0
South Australia	(27)	(3)	(17)	(47)	(91)	(185)
On Waiting List	37%	67%	53%	26%	51%	43%
Temporarily Off List	0	0	6%	6%	10%	7%
Awaiting Assessment	30%	33%	6%	13%	13%	15%
Patient Refusal	0	0	11%	4%	1%	3%
Medically Unfit	30%	0	18%	45%	18%	26%
Malignancy	0	0	0	4%	3%	3%
Age	3%	0	0	0	0	<1%
Other	0	0	6%	2%	4%	3%
Northern Territory	(13)	(2)	0	(15)	(91)	(121)
On Waiting List	31%	50%	0	0	24%	22%
Temporarily Off List	7.5%	0	0	0	6%	5%
Awaiting Assessment	23%	0	0	33%	22%	23%
Patient Refusal	7.5%	0	0	0	3%	3%
Medically Unfit	31%	50%	0	47%	28%	31%
Malignancy	0	0	0	0	0	0
Age	0	0	0	7%	3%	3%
Other	0	0	0	13%	14%	13%
Western Australia	(124)	(11)	(30)	(97)	(57)	(319)
On Waiting List	48%	55%	60%	32%	44%	44%
Temporarily Off List	4%	9%	0	9%	4%	5%
Awaiting Assessment	10%	18%	0	8%	4%	8%
Patient Refusal	5%	0	17%	4%	5%	5%
Medically Unfit	24%	18%	13%	39%	30%	29%
Malignancy	3%	0	10%	4%	4%	4%
Age	2%	0	0	1%	1%	1%
Other	4%	0	0	3%	8%	4%

() Number of Patients

Table 23

New Zealand

Likelihood of Transplantation 31-Mar-97

Likelihood of Transplantation			Haemodialysis			Peritoneal Dialysis			
			Hosp.	Home	Sat.	CAPD	IPD		
							Hosp.	Home	Sat.
On Waiting List	294	(31%)	46	102	1	132	0	13	0
Temporarily Off List	35	(4%)	6	7	0	16	0	6	0
Awaiting Assessment	119	(12%)	32	13	0	72	0	2	0
Patient Refusal	122	(13%)	13	13	1	93	0	2	0
Medically Unfit	274	(29%)	78	32	1	160	1	2	0
Malignancy	10	(1%)	3	2	0	5	0	0	0
Age	68	(7%)	18	3	1	45	0	1	0
Other Reasons	32	(3%)	6	12	0	14	0	0	0
Total	954	(100%)	202	184	4	537	1	26	0

Table 24

New Zealand

Likelihood of Transplantation: Age < 65 years 31-Mar-97**Related to Previous Transplantation**

Category	No Previous Transplant (644)	Previous Unsuccessful Transplant (116)	Total (760)
On Waiting List	35%	42%	36%
Temporarily Off List	3%	13%	4%
Awaiting Assessment	15%	6%	14%
Patient Refusal	14%	13%	13%
Medically Unfit	29%	17%	28%
Malignancy	1%	1%	1%
Age	0	0	0
Other	3%	8%	4%

Related to Site and Method of Dialysis

Category	CAPD (408)	IPD/CCPD (25)	Hosp.HD (158)	Home HD (166)	Sat.HD (3)
On Waiting List	30%	52%	28%	57%	33%
Temporarily Off List	4%	24%	2%	4%	0
Awaiting Assessment	15%	8%	20%	7%	0
Patient Refusal	18%	8%	7%	8%	33%
Medically Unfit	30%	8%	37%	16%	33%
Malignancy	<1%	0	2%	1%	0
Age	0	0	0	0	0
Other	3%	0	4%	7%	0

Table 25

Australia and New Zealand

**Patients Awaiting Transplant
Age Related 31-Mar-97**

State	Age Groups								Total
	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	
Aust.	3	17	106	240	362	420	311	74	1533
Qld	0	1	9	25	48	40	49	16	188
NSW/ACT	0	8	54	96	169	193	149	45	714
Vic.	1	5	26	56	91	103	65	6	353
Tas.	0	0	2	6	7	8	3	0	26
NT	0	1	2	2	10	8	4	0	27
SA	0	1	6	22	13	23	14	4	83
WA	2	1	7	33	24	45	27	3	142
N.Z.	1	5	26	51	52	73	65	21	294

Table 26

Australia and New Zealand

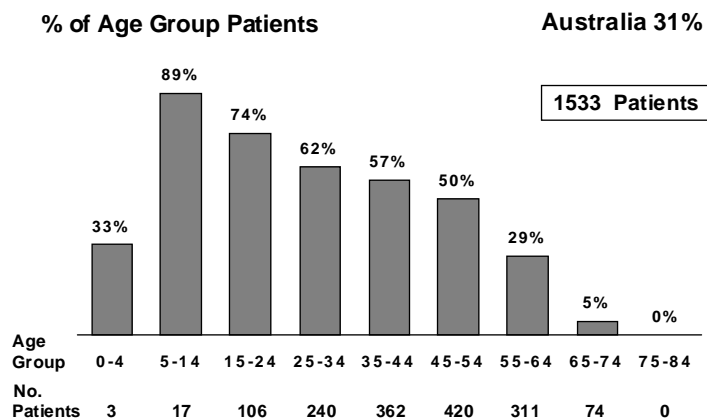
**Proportion (%) of Dialysis Patients Awaiting Transplant
Age Related 31-Mar-97**

State		Age Groups								Total
		00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	
Aust.	n=4895	33%	89%	74%	62%	57%	50%	29%	5%	31%
Qld	n=732	0	100%	50%	42%	45%	35%	30%	8%	26%
NSW/ACT	n=1920	0	100%	77%	78%	71%	63%	37%	8%	37%
Vic.	n=1253	33%	100%	74%	57%	63%	46%	21%	2%	28%
Tas.	n=95	0	0	100%	60%	64%	42%	16%	0	27%
SA	n=305	0	50%	75%	65%	39%	46%	25%	5%	27%
NT	n=137	0	100%	67%	14%	24%	27%	13%	0	20%
WA	n=453	67%	50%	88%	69%	37%	48%	27%	3%	31%
N.Z.	n=954	100%	45%	60%	56%	40%	30%	27%	13%	31%

n = Number of Patients

Figure 38

Proportion of Patients Awaiting Transplant 31-Mar-97



Proportion of Patients Awaiting Transplant 31-Mar-97

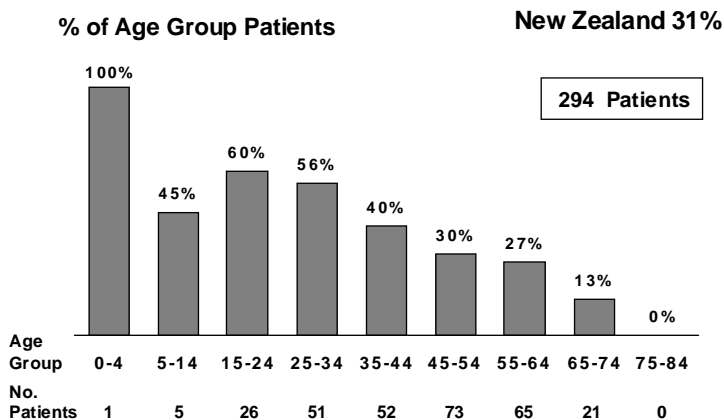


Figure 39

Proportion of Patients <55 Years Awaiting Transplant 31-Mar-97

