Table 15.4b
Steroid Avoidance Rate at Discharge, 1996 to 2005
Recipients of Living Donor Kidneys

Discharge Regimen		Year of Transplant									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	Patients	3,174	3,456	3,872	4,072	4,720	5,187	5,354	5,505	5,680	5,452
	Steroids Avoided	99	106	147	118	262	464	633	1,015	1,615	1,759
	Rate	3.1%	3.1%	3.8%	2.9%	5.6%	8.9%	11.8%	18.4%	28.4%	32.3%
CyA	Patients	316	259	232	235	167	123	80	104	122	26
	Steroids Avoided	12	14	8	1	4	8	4	10	20	6
	Rate	3.8%	5.4%	3.4%	0.4%	2.4%	6.5%	5.0%	9.6%	16.4%	23.1%
Tac	Patients	65	87	100	120	203	221	233	190	197	133
	Steroids Avoided	2	3	5	5	30	46	87	64	68	55
	Rate	3.1%	3.4%	5.0%	4.2%	14.8%	20.8%	37.3%	33.7%	34.5%	41.4%
CyA+MMF	Patients	1,296	1,824	1,952	2,045	1,923	1,640	1,298	1,121	953	709
	Steroids Avoided	22	25	42	36	64	66	44	111	123	113
	Rate	1.7%	1.4%	2.2%	1.8%	3.3%	4.0%	3.4%	9.9%	12.9%	15.9%
Tac+MMF	Patients	125	305	764	1,018	1,393	1,976	2,595	2,881	3,330	3,759
	Steroids Avoided	1	7	38	48	73	132	261	477	1,006	1,283
	Rate	0.8%	2.3%	5.0%	4.7%	5.2%	6.7%	10.1%	16.6%	30.2%	34.1%
CyA+Aza	Patients	844	581	405	270	186	144	51	20	14	5
	Steroids Avoided	20	20	23	7	3	2	0	1	1	1
	Rate	2.4%	3.4%	5.7%	2.6%	1.6%	1.4%	0.0%	5.0%	7.1%	20.0%
Tac+Aza	Patients	52	43	68	61	59	84	82	70	41	9
	Steroids Avoided	1	1	1	3	5	11	6	7	6	3
	Rate	1.9%	2.3%	1.5%	4.9%	8.5%	13.1%	7.3%	10.0%	14.6%	33.3%
Siro+MMF	Patients	-	-	2	1	45	109	152	153	108	122
	Steroids Avoided	-	-	0	0	12	8	6	22	26	17
	Rate	-	-	0.0%	0.0%	26.7%	7.3%	3.9%	14.4%	24.1%	13.9%
CyA+Siro	Patients	16	45	88	60	260	170	142	168	129	145
	Steroids Avoided	0	1	1	0	1	5	30	60	81	103
	Rate	0.0%	2.2%	1.1%	0.0%	0.4%	2.9%	21.1%	35.7%	62.8%	71.0%
Tac+Siro	Patients	-	-	-	6	217	429	382	370	325	211
	Steroids Avoided	-	-	-	0	22	103	94	115	146	79
	Rate	-	-	-	0.0%	10.1%	24.0%	24.6%	31.1%	44.9%	37.4%
Other Regimen	Patients	460	312	261	256	267	291	339	428	461	333
	Steroids Avoided	41	35	29	18	48	83	101	148	138	99
	Rate	8.9%	11.2%	11.1%	7.0%	18.0%	28.5%	29.8%	34.6%	29.9%	29.7%

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
Includes patients receiving first transplants of any organ with a functioning graft at discharge and any immunosuppressive drug use recorded at discharge.
CyA: Cyclosporine; Tac: Tacrolimus; MMF: Include MMF(Mycophenolate Mofetil) and MPA(Mycophenolate Sodium); Aza: Azathioprine; Siro: Sirolimus.

Table 15.4b (Continued)
Steroid Withdrawal Rate at One Year Following Transplantation, 1999 to 2004
Recipients of Living Donor Kidneys

Discharge Regimen		Year of Transplant					
		1999	2000	2001	2002	2003	2004
Total	Patients	3,444	3,894	4,392	4,375	4,106	3,701
	Steroids Withdrawn	148	184	242	464	464	447
	Rate	4.3%	4.7%	5.5%	10.6%	11.3%	12.1%
CyA	Patients	198	145	104	69	84	87
	Steroids Withdrawn	5	6	4	3	3	2
	Rate	2.5%	4.1%	3.8%	4.3%	3.6%	2.3%
Tac	Patients	97	141	159	134	117	120
	Steroids Withdrawn	8	14	20	17	17	21
	Rate	8.2%	9.9%	12.6%	12.7%	14.5%	17.5%
CyA+MMF	Patients	1,759	1,615	1,459	1,166	899	741
	Steroids Withdrawn	68	47	38	70	35	43
	Rate	3.9%	2.9%	2.6%	6.0%	3.9%	5.8%
Tac+MMF	Patients	848	1,162	1,738	2,160	2,229	2,172
	Steroids Withdrawn	50	59	104	213	270	270
	Rate	5.9%	5.1%	6.0%	9.9%	12.1%	12.4%
CyA+Aza	Patients	238	163	132	49	17	11
	Steroids Withdrawn	6	4	0	3	0	1
	Rate	2.5%	2.5%	0.0%	6.1%	0.0%	9.1%
Tac+Aza	Patients	56	49	67	74	62	33
	Steroids Withdrawn	1	10	10	13	3	3
	Rate	1.8%	20.4%	14.9%	17.6%	4.8%	9.1%
Siro+MMF	Patients	1	30	89	124	110	74
	Steroids Withdrawn	0	1	0	17	9	5
	Rate	0.0%	3.3%	0.0%	13.7%	8.2%	6.8%
CyA+Siro	Patients	50	231	156	108	101	42
	Steroids Withdrawn	3	13	6	37	32	1
	Rate	6.0%	5.6%	3.8%	34.3%	31.7%	2.4%
Tac+Siro	Patients	4	173	301	277	236	159
	Steroids Withdrawn	0	11	40	54	41	26
	Rate	0.0%	6.4%	13.3%	19.5%	17.4%	16.4%
Other Regimen	Patients	193	185	187	214	251	262
	Steroids Withdrawn	7	19	20	37	54	75
	Rate	3.6%	10.3%	10.7%	17.3%	21.5%	28.6%

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
Includes patients receiving first transplants of any organ with steroid use at transplant discharge, and who have a functioning graft and maintenance drug use one year after transplantation.
Transplants prior to year 1999 are not reported due to insufficient reporting of immunosuppressive drug use.
CyA: Cyclosporine; Tac: Tacrolimus; MMF: Include MMF(Mycophenolate Mofetil) and MPA(Mycophenolate Sodium); Aza: Azathioprine; Siro: Sirolimus.

Table 15.4b (Continued)
Steroid Withdrawal Rate at Two Years Following Transplantation, 1998 to 2003
Recipients of Living Donor Kidneys

Discharge Regimen		Year of Transplant					
		1998	1999	2000	2001	2002	2003
Total	Patients	2,996	3,257	3,859	4,091	4,104	3,866
	Steroids Withdrawn	201	184	270	382	529	558
	Rate	6.7%	5.6%	7.0%	9.3%	12.9%	14.4%
CyA	Patients	190	197	141	93	62	74
	Steroids Withdrawn	13	11	10	12	3	4
	Rate	6.8%	5.6%	7.1%	12.9%	4.8%	5.4%
Tac	Patients	74	92	143	151	124	115
	Steroids Withdrawn	11	13	21	24	16	18
	Rate	14.9%	14.1%	14.7%	15.9%	12.9%	15.7%
CyA+MMF	Patients	1,542	1,663	1,639	1,356	1,079	822
	Steroids Withdrawn	77	74	57	73	75	51
	Rate	5.0%	4.4%	3.5%	5.4%	7.0%	6.2%
Tac+MMF	Patients	557	792	1,125	1,612	2,046	2,106
	Steroids Withdrawn	39	50	96	166	266	323
	Rate	7.0%	6.3%	8.5%	10.3%	13.0%	15.3%
CyA+Aza	Patients	319	219	163	126	44	19
	Steroids Withdrawn	27	8	7	4	2	0
	Rate	8.5%	3.7%	4.3%	3.2%	4.5%	0.0%
Tac+Aza	Patients	54	51	50	65	72	62
	Steroids Withdrawn	15	10	13	17	17	4
	Rate	27.8%	19.6%	26.0%	26.2%	23.6%	6.5%
Siro+MMF	Patients	2	1	29	89	115	104
	Steroids Withdrawn	0	0	1	2	23	19
	Rate	0.0%	0.0%	3.4%	2.2%	20.0%	18.3%
CyA+Siro	Patients	71	47	227	149	101	99
	Steroids Withdrawn	6	3	26	13	34	32
	Rate	8.5%	6.4%	11.5%	8.7%	33.7%	32.3%
Tac+Siro	Patients	-	4	159	279	258	219
	Steroids Withdrawn	-	1	14	47	58	50
	Rate	-	25.0%	8.8%	16.8%	22.5%	22.8%
Other Regimen	Patients	187	191	183	171	203	246
	Steroids Withdrawn	13	14	25	24	35	57
	Rate	7.0%	7.3%	13.7%	14.0%	17.2%	23.2%

Source: OPTN/SRTR Data as of May 1, 2006.
Notes:
Includes patients receiving first transplants of any organ with steroid use at transplant discharge, and who have a functioning graft and maintenance drug use two years after transplantation.
Transplants prior to year 1998 are not reported due to insufficient reporting of immunosuppressive drug use.
CyA: Cyclosporine; Tac: Tacrolimus; MMF: Include MMF(Mycophenolate Mofetil) and MPA(Mycophenolate Sodium); Aza: Azathioprine; Siro: Sirolimus.