Table 15.6
Steroid Avoidance Rate at Discharge, 1996 to 2005
Recipients of Heart Transplants

Discharge Regimen		Year of Transplant									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total	Patients	1,795	1,990	2,040	1,849	1,909	1,914	1,906	1,817	1,772	1,818
	Steroids Avoided	62	87	79	80	101	54	56	134	140	120
	Rate	3.5%	4.4%	3.9%	4.3%	5.3%	2.8%	2.9%	7.4%	7.9%	6.6%
CyA	Patients	83	98	86	216	89	37	47	34	13	14
	Steroids Avoided	5	7	6	10	13	6	1	2	2	3
	Rate	6.0%	7.1%	7.0%	4.6%	14.6%	16.2%	2.1%	5.9%	15.4%	21.4%
Tac	Patients	28	50	38	43	41	68	75	60	38	45
	Steroids Avoided	0	1	2	2	2	5	2	7	3	7
	Rate	0.0%	2.0%	5.3%	4.7%	4.9%	7.4%	2.7%	11.7%	7.9%	15.6%
CyA+MMF	Patients	169	461	693	748	1,078	1,011	825	805	735	602
	Steroids Avoided	4	13	21	18	36	18	15	37	34	28
	Rate	2.4%	2.8%	3.0%	2.4%	3.3%	1.8%	1.8%	4.6%	4.6%	4.7%
Tac+MMF	Patients	24	49	120	151	161	371	461	540	685	884
	Steroids Avoided	1	1	6	1	5	7	16	48	47	49
	Rate	4.2%	2.0%	5.0%	0.7%	3.1%	1.9%	3.5%	8.9%	6.9%	5.5%
CyA+Aza	Patients	1,178	1,097	821	478	301	204	136	92	83	48
	Steroids Avoided	33	47	29	14	21	9	11	10	14	6
	Rate	2.8%	4.3%	3.5%	2.9%	7.0%	4.4%	8.1%	10.9%	16.9%	12.5%
Tac+Aza	Patients	56	61	49	36	39	25	25	24	22	20
	Steroids Avoided	2	0	1	3	1	1	2	2	4	4
	Rate	3.6%	0.0%	2.0%	8.3%	2.6%	4.0%	8.0%	8.3%	18.2%	20.0%
Siro+MMF	Patients	-	-	-	-	-	4	7	18	19	15
	Steroids Avoided	-	-	-	-	-	0	0	1	2	1
	Rate	-	-	-	-	-	0.0%	0.0%	5.6%	10.5%	6.7%
CyA+Siro	Patients	-	-	1	11	12	3	18	38	2	1
	Steroids Avoided	-	-	0	0	1	0	1	1	0	0
	Rate	-	-	0.0%	0.0%	8.3%	0.0%	5.6%	2.6%	0.0%	0.0%
Tac+Siro	Patients	-	-	-	2	17	39	108	32	15	20
	Steroids Avoided	-	-	-	0	0	0	3	1	2	5
	Rate	-	-	-	0.0%	0.0%	0.0%	2.8%	3.1%	13.3%	25.0%
Other Regimen	Patients	257	174	232	164	171	152	204	174	160	169
	Steroids Avoided	17	18	14	32	22	8	5	25	32	17
	Rate	6.6%	10.3%	6.0%	19.5%	12.9%	5.3%	2.5%	14.4%	20.0%	10.1%

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 15.6 (Continued)
Steroid Withdrawal Rate at One Year Following Transplantation, 1999 to 2004
Recipients of Heart Transplants

Discharge Regimen		Year of Transplant					
		1999	2000	2001	2002	2003	2004
Total	Patients	1,595	1,597	1,692	1,681	1,519	1,510
	Steroids Withdrawn	307	279	359	391	390	357
	Rate	19.2%	17.5%	21.2%	23.3%	25.7%	23.6%
CyA	Patients	191	67	27	43	25	11
	Steroids Withdrawn	29	7	5	13	4	3
	Rate	15.2%	10.4%	18.5%	30.2%	16.0%	27.3%
Tac	Patients	37	34	59	65	41	32
	Steroids Withdrawn	19	12	14	20	11	10
	Rate	51.4%	35.3%	23.7%	30.8%	26.8%	31.3%
CyA+MMF	Patients	671	937	926	743	701	665
	Steroids Withdrawn	137	161	177	161	159	159
	Rate	20.4%	17.2%	19.1%	21.7%	22.7%	23.9%
Tac+MMF	Patients	119	134	320	394	444	590
	Steroids Withdrawn	19	25	80	75	121	142
	Rate	16.0%	18.7%	25.0%	19.0%	27.3%	24.1%
CyA+Aza	Patients	417	246	172	115	76	63
	Steroids Withdrawn	77	40	41	30	22	12
	Rate	18.5%	16.3%	23.8%	26.1%	28.9%	19.0%
Tac+Aza	Patients	31	35	21	21	20	16
	Steroids Withdrawn	3	7	2	4	6	2
	Rate	9.7%	20.0%	9.5%	19.0%	30.0%	12.5%
Siro+MMF	Patients	-	-	3	5	16	14
	Steroids Withdrawn	-	-	1	0	3	1
	Rate	-	-	33.3%	0.0%	18.8%	7.1%
CyA+Siro	Patients	11	10	3	17	34	2
	Steroids Withdrawn	1	2	1	11	17	0
	Rate	9.1%	20.0%	33.3%	64.7%	50.0%	0.0%
Tac+Siro	Patients	1	2	36	101	30	12
	Steroids Withdrawn	0	0	1	23	11	3
	Rate	0.0%	0.0%	2.8%	22.8%	36.7%	25.0%
Other Regimen	Patients	117	132	125	177	132	105
	Steroids Withdrawn	22	25	37	54	36	25
	Rate	18.8%	18.9%	29.6%	30.5%	27.3%	23.8%

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 15.6 (Continued)
Steroid Withdrawal Rate at Two Years Following Transplantation, 1998 to 2003
Recipients of Heart Transplants

Discharge Regimen		Year of Transplant					
		1998	1999	2000	2001	2002	2003
Total	Patients	1,626	1,483	1,562	1,582	1,567	1,448
	Steroids Withdrawn	484	423	474	559	548	555
	Rate	29.8%	28.5%	30.3%	35.3%	35.0%	38.3%
CyA	Patients	61	176	66	28	39	22
	Steroids Withdrawn	22	48	21	9	21	9
	Rate	36.1%	27.3%	31.8%	32.1%	53.8%	40.9%
Tac	Patients	31	37	31	56	59	38
	Steroids Withdrawn	21	21	17	21	27	11
	Rate	67.7%	56.8%	54.8%	37.5%	45.8%	28.9%
CyA+MMF	Patients	575	640	907	863	700	670
	Steroids Withdrawn	149	156	248	268	237	244
	Rate	25.9%	24.4%	27.3%	31.1%	33.9%	36.4%
Tac+MMF	Patients	86	95	130	300	367	420
	Steroids Withdrawn	17	27	39	139	128	170
	Rate	19.8%	28.4%	30.0%	46.3%	34.9%	40.5%
CyA+Aza	Patients	650	389	244	162	101	73
	Steroids Withdrawn	219	128	95	59	28	28
	Rate	33.7%	32.9%	38.9%	36.4%	27.7%	38.4%
Tac+Aza	Patients	37	29	32	21	20	20
	Steroids Withdrawn	12	7	7	5	3	6
	Rate	32.4%	24.1%	21.9%	23.8%	15.0%	30.0%
Siro+MMF	Patients	-	-	-	3	5	16
	Steroids Withdrawn	-	-	-	1	0	4
	Rate	-	-	-	33.3%	0.0%	25.0%
CyA+Siro	Patients	1	10	10	3	17	33
	Steroids Withdrawn	0	5	6	1	13	24
	Rate	0.0%	50.0%	60.0%	33.3%	76.5%	72.7%
Tac+Siro	Patients	-	0	15	31	97	30
	Steroids Withdrawn	-	-	0	4	34	12
	Rate	-	-	0.0%	12.9%	35.1%	40.0%
Other Regimen	Patients	185	107	127	115	162	126
	Steroids Withdrawn	44	31	41	52	57	47
	Rate	23.8%	29.0%	32.3%	45.2%	35.2%	37.3%

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.