

Table 15.5a
Steroid Avoidance Rate at Discharge, 1999 to 2008
Recipients of Deceased Donor Livers

Discharge Regimen		Year of Transplant									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	Patients	3,423	3,619	3,748	4,060	4,435	4,884	5,022	5,318	5,268	5,162
	Steroids Avoided	243	294	369	405	771	956	1,062	1,150	1,272	1,032
	Rate	7.1%	8.1%	9.8%	10.0%	17.4%	19.6%	21.1%	21.6%	24.1%	20.0%
CyA	Patients	372	226	117	97	76	58	65	34	42	35
	Steroids Avoided	36	6	18	11	20	10	12	6	5	10
	Rate	9.7%	2.7%	15.4%	11.3%	26.3%	17.2%	18.5%	17.6%	11.9%	28.6%
Tac	Patients	1,381	1,194	1,338	1,646	1,639	1,760	1,691	1,373	1,246	1,009
	Steroids Avoided	80	52	129	195	331	485	504	283	252	196
	Rate	5.8%	4.4%	9.6%	11.8%	20.2%	27.6%	29.8%	20.6%	20.2%	19.4%
CyA+MMF	Patients	315	258	212	186	179	194	188	218	227	232
	Steroids Avoided	9	11	7	8	19	40	28	52	69	48
	Rate	2.9%	4.3%	3.3%	4.3%	10.6%	20.6%	14.9%	23.9%	30.4%	20.7%
Tac+MMF	Patients	882	1,204	1,433	1,595	2,050	2,334	2,703	3,294	3,453	3,564
	Steroids Avoided	56	95	107	124	284	303	433	688	831	712
	Rate	6.3%	7.9%	7.5%	7.8%	13.9%	13.0%	16.0%	20.9%	24.1%	20.0%
CyA+Aza	Patients	147	109	51	56	24	52	12	5	4	6
	Steroids Avoided	12	1	0	6	22	26	0	0	0	0
	Rate	8.2%	0.9%	0.0%	10.7%	91.7%	50.0%	0.0%	0.0%	0.0%	0.0%
Tac+Aza	Patients	100	76	65	88	100	47	21	11	19	6
	Steroids Avoided	5	3	4	2	13	19	17	5	9	0
	Rate	5.0%	3.9%	6.2%	2.3%	13.0%	40.4%	81.0%	45.5%	47.4%	0.0%
CyA+Siro	Patients	3	36	25	25	23	23	31	42	34	28
	Steroids Avoided	0	23	16	1	0	2	13	39	31	17
	Rate	0.0%	63.9%	64.0%	4.0%	0.0%	8.7%	41.9%	92.9%	91.2%	60.7%
Tac+Siro	Patients	4	194	197	107	54	85	50	65	26	21
	Steroids Avoided	0	34	33	15	8	22	5	10	7	7
	Rate	0.0%	17.5%	16.8%	14.0%	14.8%	25.9%	10.0%	15.4%	26.9%	33.3%
Siro+MMF	Patients	2	28	48	46	43	42	45	42	34	37
	Steroids Avoided	0	1	0	3	8	5	6	12	9	15
	Rate	0.0%	3.6%	0.0%	6.5%	18.6%	11.9%	13.3%	28.6%	26.5%	40.5%
Other Regimen	Patients	217	294	262	214	247	289	216	234	183	224
	Steroids Avoided	45	68	55	40	66	44	44	55	59	27
	Rate	20.7%	23.1%	21.0%	18.7%	26.7%	15.2%	20.4%	23.5%	32.2%	12.1%

Source: OPTN/SRTR Data as of May 4, 2009.

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 15.5a (Continued)
Steroid Withdrawal Rate at One Year Following Transplantation, 1999 to 2007
Recipients of Deceased Donor Livers

Discharge Regimen		Year of Transplant								
		1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	Patients	2,678	2,893	2,995	3,235	3,199	3,438	3,374	3,576	3,391
	Steroids									
	Withdrawn	853	1,146	1,372	1,669	1,630	1,751	1,840	1,939	1,995
	Rate	31.9%	39.6%	45.8%	51.6%	51.0%	50.9%	54.5%	54.2%	58.8%
CyA	Patients	286	193	92	75	50	42	42	25	26
	Steroids									
	Withdrawn	68	45	41	41	17	19	23	17	15
	Rate	23.8%	23.3%	44.6%	54.7%	34.0%	45.2%	54.8%	68.0%	57.7%
Tac	Patients	1,073	994	1,074	1,269	1,139	1,159	1,039	955	848
	Steroids									
	Withdrawn	425	467	523	704	596	577	554	504	492
	Rate	39.6%	47.0%	48.7%	55.5%	52.3%	49.8%	53.3%	52.8%	58.0%
CyA+MMF	Patients	271	224	188	150	139	139	142	142	139
	Steroids									
	Withdrawn	58	52	61	63	57	68	81	78	80
	Rate	21.4%	23.2%	32.4%	42.0%	41.0%	48.9%	57.0%	54.9%	57.6%
Tac+MMF	Patients	702	956	1,171	1,331	1,544	1,762	1,912	2,238	2,236
	Steroids									
	Withdrawn	238	391	545	683	823	930	1,064	1,216	1,338
	Rate	33.9%	40.9%	46.5%	51.3%	53.3%	52.8%	55.6%	54.3%	59.8%
CyA+Aza	Patients	124	97	47	44	1	24	12	5	3
	Steroids									
	Withdrawn	3	15	4	12	0	7	4	1	2
	Rate	2.4%	15.5%	8.5%	27.3%	0.0%	29.2%	33.3%	20.0%	66.7%
Tac+Aza	Patients	87	64	59	77	80	26	3	3	8
	Steroids									
	Withdrawn	10	11	15	17	15	14	0	2	2
	Rate	11.5%	17.2%	25.4%	22.1%	18.8%	53.8%	0.0%	66.7%	25.0%
CyA+Siro	Patients	3	13	8	21	18	19	17	3	3
	Steroids									
	Withdrawn	1	7	3	14	9	14	13	2	1
	Rate	33.3%	53.8%	37.5%	66.7%	50.0%	73.7%	76.5%	66.7%	33.3%
Tac+Siro	Patients	4	135	134	85	41	52	37	44	18
	Steroids									
	Withdrawn	2	63	67	57	23	23	19	30	12

(Continued)

Source: OPTN/SRTR Data as of May 4, 2009.

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 15.5a (Continued)
Steroid Withdrawal Rate at One Year Following Transplantation, 1999 to 2007
Recipients of Deceased Donor Livers

Discharge Regimen		Year of Transplant								
		1999	2000	2001	2002	2003	2004	2005	2006	2007
Tac+Siro	Rate	50.0%	46.7%	50.0%	67.1%	56.1%	44.2%	51.4%	68.2%	66.7%
Siro+MMF	Patients	2	27	39	34	32	31	30	23	13
	Steroids									
	Withdrawn Rate	0.0%	40.7%	41.0%	58.8%	50.0%	45.2%	56.7%	60.9%	61.5%
Other Regimen	Patients	126	190	183	149	155	184	140	138	97
	Steroids									
	Withdrawn Rate	38.1%	44.2%	53.0%	38.9%	47.7%	46.2%	46.4%	54.3%	46.4%

Source: OPTN/SRTR Data as of May 4, 2009.

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 15.5a (Continued)
Steroid Withdrawal Rate at Two Years Following Transplantation, 1998 to 2006
Recipients of Deceased Donor Livers

Discharge Regimen		Year of Transplant							
		1999	2000	2001	2002	2003	2004	2005	2006
Total	Patients	2,487	2,812	2,770	2,973	2,953	3,166	2,646	2,551
	Steroids								
	Withdrawn	1,343	1,723	1,802	1,979	2,000	2,138	1,911	1,877
	Rate	54.0%	61.3%	65.1%	66.6%	67.7%	67.5%	72.2%	73.6%
CyA	Patients	267	181	88	69	47	37	34	14
	Steroids								
	Withdrawn	124	101	57	53	28	27	25	8
	Rate	46.4%	55.8%	64.8%	76.8%	59.6%	73.0%	73.5%	57.1%
Tac	Patients	1,008	965	988	1,183	1,064	1,070	858	690
	Steroids								
	Withdrawn	590	653	676	801	749	690	603	484
	Rate	58.5%	67.7%	68.4%	67.7%	70.4%	64.5%	70.3%	70.1%
CyA+MMF	Patients	242	208	169	130	120	127	112	94
	Steroids								
	Withdrawn	109	87	89	72	70	84	87	69
	Rate	45.0%	41.8%	52.7%	55.4%	58.3%	66.1%	77.7%	73.4%
Tac+MMF	Patients	641	944	1,089	1,210	1,418	1,608	1,448	1,594
	Steroids								
	Withdrawn	389	587	704	815	969	1,118	1,048	1,200
	Rate	60.7%	62.2%	64.6%	67.4%	68.3%	69.5%	72.4%	75.3%
CyA+Aza	Patients	119	95	46	37	1	22	11	4
	Steroids								
	Withdrawn	38	47	30	19	0	14	10	3
	Rate	31.9%	49.5%	65.2%	51.4%	0.0%	63.6%	90.9%	75.0%
Tac+Aza	Patients	82	60	58	72	75	24	2	1
	Steroids								
	Withdrawn	29	25	32	46	45	17	0	0
	Rate	35.4%	41.7%	55.2%	63.9%	60.0%	70.8%	0.0%	0.0%
CyA+Siro	Patients	2	10	7	20	16	18	16	3
	Steroids								
	Withdrawn	2	7	3	13	9	15	16	2
	Rate	100.0%	70.0%	42.9%	65.0%	56.3%	83.3%	100.0%	66.7%
Tac+Siro	Patients	4	129	118	85	39	48	34	40
	Steroids								
	Withdrawn	1	84	84	66	26	29	20	31

(Continued)

Source: OPTN/SRTR Data as of May 4, 2009.

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.

Table 15.5a (Continued)
Steroid Withdrawal Rate at Two Years Following Transplantation, 1998 to 2006
Recipients of Deceased Donor Livers

Discharge Regimen		Year of Transplant							
		1999	2000	2001	2002	2003	2004	2005	2006
Tac+Siro	Rate	25.0%	65.1%	71.2%	77.6%	66.7%	60.4%	58.8%	77.5%
Siro+MMF	Patients	2	23	38	32	30	28	26	14
	Steroids								
	Withdrawn	0	17	28	22	23	22	19	12
	Rate	0.0%	73.9%	73.7%	68.8%	76.7%	78.6%	73.1%	85.7%
Other Regimen	Patients	120	197	169	135	143	184	105	97
	Steroids								
	Withdrawn	61	115	99	72	81	122	83	68
	Rate	50.8%	58.4%	58.6%	53.3%	56.6%	66.3%	79.0%	70.1%

Source: OPTN/SRTR Data as of May 4, 2009.

Notes:

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