

**Table 15.5b**  
**Steroid Avoidance Rate at Discharge, 1999 to 2008**  
**Recipients of Living Donor Livers**

Discharge Regimen		Year of Transplant									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total</b>	Patients	193	328	452	308	282	292	289	260	244	225
	Steroids Avoided	13	30	40	25	63	64	69	73	71	48
	Rate	6.7%	9.1%	8.8%	8.1%	22.3%	21.9%	23.9%	28.1%	29.1%	21.3%
<b>CyA</b>	Patients	14	17	16	6	9	-	1	1	1	1
	Steroids Avoided	4	1	8	1	1	-	0	0	1	1
	Rate	28.6%	5.9%	50.0%	16.7%	11.1%	-	0.0%	0.0%	100.0%	100.0%
<b>Tac</b>	Patients	96	126	156	123	101	105	103	105	75	52
	Steroids Avoided	4	7	11	18	27	35	36	31	12	4
	Rate	4.2%	5.6%	7.1%	14.6%	26.7%	33.3%	35.0%	29.5%	16.0%	7.7%
<b>CyA+MMF</b>	Patients	14	18	24	22	18	18	9	4	7	6
	Steroids Avoided	1	0	0	2	2	1	2	2	2	1
	Rate	7.1%	0.0%	0.0%	9.1%	11.1%	5.6%	22.2%	50.0%	28.6%	16.7%
<b>Tac+MMF</b>	Patients	50	111	173	118	136	142	152	142	142	157
	Steroids Avoided	3	5	2	3	28	24	23	39	51	42
	Rate	6.0%	4.5%	1.2%	2.5%	20.6%	16.9%	15.1%	27.5%	35.9%	26.8%
<b>CyA+Aza</b>	Patients	3	3	2	4	3	2	2	-	3	1
	Steroids Avoided	0	0	0	0	1	0	0	-	0	0
	Rate	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	-	0.0%	0.0%
<b>Tac+Aza</b>	Patients	4	2	-	3	-	-	1	-	2	1
	Steroids Avoided	0	0	-	0	-	-	1	-	1	0
	Rate	0.0%	0.0%	-	0.0%	-	-	100.0%	-	50.0%	0.0%
<b>CyA+Siro</b>	Patients	-	7	6	2	-	1	-	-	-	-
	Steroids Avoided	-	4	3	0	-	0	-	-	-	-
	Rate	-	57.1%	50.0%	0.0%	-	0.0%	-	-	-	-
<b>Tac+Siro</b>	Patients	-	20	36	11	1	5	1	2	3	-
	Steroids Avoided	-	8	11	0	0	1	0	0	0	-
	Rate	-	40.0%	30.6%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	-
<b>Siro+MMF</b>	Patients	-	1	5	2	1	1	1	-	2	-
	Steroids Avoided	-	0	0	0	0	0	0	-	0	-
	Rate	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-	0.0%	-
<b>Other Regimen</b>	Patients	12	23	34	17	13	18	19	6	9	7
	Steroids Avoided	1	5	5	1	4	3	7	1	4	0
	Rate	8.3%	21.7%	14.7%	5.9%	30.8%	16.7%	36.8%	16.7%	44.4%	0.0%

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

Discharge Regimen		Year of Transplant								
		1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	Patients	149	263	368	252	195	202	200	171	151
	Steroids									
	Withdrawn	36	83	164	121	91	98	101	82	89
	Rate	24.2%	31.6%	44.6%	48.0%	46.7%	48.5%	50.5%	48.0%	58.9%
<b>CyA</b>	Patients	10	15	7	5	6	-	1	1	-
	Steroids									
	Withdrawn	1	3	4	3	2	-	1	1	-
	Rate	10.0%	20.0%	57.1%	60.0%	33.3%	-	100.0%	100.0%	-
<b>Tac</b>	Patients	75	101	131	93	68	65	60	67	57
	Steroids									
	Withdrawn	25	34	58	43	28	36	27	29	32
	Rate	33.3%	33.7%	44.3%	46.2%	41.2%	55.4%	45.0%	43.3%	56.1%
<b>CyA+MMF</b>	Patients	10	17	22	16	13	11	7	2	4
	Steroids									
	Withdrawn	2	4	11	10	11	7	5	2	2
	Rate	20.0%	23.5%	50.0%	62.5%	84.6%	63.6%	71.4%	100.0%	50.0%
<b>Tac+MMF</b>	Patients	37	94	152	105	98	108	118	96	77
	Steroids									
	Withdrawn	6	25	65	55	48	49	61	50	51
	Rate	16.2%	26.6%	42.8%	52.4%	49.0%	45.4%	51.7%	52.1%	66.2%
<b>CyA+Aza</b>	Patients	3	3	1	4	2	2	2	-	3
	Steroids									
	Withdrawn	0	1	0	0	1	0	1	-	0
	Rate	0.0%	33.3%	0.0%	0.0%	50.0%	0.0%	50.0%	-	0.0%
<b>Tac+Aza</b>	Patients	4	2	-	2	-	-	0	-	1
	Steroids									
	Withdrawn	1	1	-	1	-	-	-	-	0
	Rate	25.0%	50.0%	-	50.0%	-	-	-	-	0.0%
<b>CyA+Siro</b>	Patients	-	3	3	2	-	1	-	-	-
	Steroids									
	Withdrawn	-	3	2	1	-	1	-	-	-
	Rate	-	100.0%	66.7%	50.0%	-	100.0%	-	-	-
<b>Tac+Siro</b>	Patients	-	12	23	9	1	2	1	1	3
	Steroids									
	Withdrawn	-	5	10	4	0	2	1	0	1

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

Discharge Regimen		Year of Transplant								
		1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Tac+Siro</b>	Rate	-	41.7%	43.5%	44.4%	0.0%	100.0%	100.0%	0.0%	33.3%
<b>Siro+MMF</b>	Patients	-	1	4	2	1	1	1	-	2
	Steroids	-	0	2	2	0	1	1	-	2
	Withdrawn Rate	-	0.0%	50.0%	100.0%	0.0%	100.0%	100.0%	-	100.0%
<b>Other Regimen</b>	Patients	10	15	25	14	6	12	10	4	4
	Steroids	1	7	12	2	1	2	4	0	1
	Withdrawn Rate	10.0%	46.7%	48.0%	14.3%	16.7%	16.7%	40.0%	0.0%	25.0%

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

Discharge Regimen		Year of Transplant							
		1999	2000	2001	2002	2003	2004	2005	2006
<b>Total</b>	Patients	133	247	344	236	191	183	164	141
	Steroids								
	Withdrawn	60	132	222	147	121	121	112	98
	Rate	45.1%	53.4%	64.5%	62.3%	63.4%	66.1%	68.3%	69.5%
<b>CyA</b>	Patients	10	14	5	5	6	-	1	1
	Steroids								
	Withdrawn	6	9	3	5	4	-	1	1
	Rate	60.0%	64.3%	60.0%	100.0%	66.7%	-	100.0%	100.0%
<b>Tac</b>	Patients	63	93	121	89	64	61	56	59
	Steroids								
	Withdrawn	29	49	75	59	33	42	38	36
	Rate	46.0%	52.7%	62.0%	66.3%	51.6%	68.9%	67.9%	61.0%
<b>CyA+MMF</b>	Patients	7	14	22	13	13	9	7	2
	Steroids								
	Withdrawn	4	4	17	10	12	8	6	2
	Rate	57.1%	28.6%	77.3%	76.9%	92.3%	88.9%	85.7%	100.0%
<b>Tac+MMF</b>	Patients	37	92	143	98	99	95	86	75
	Steroids								
	Withdrawn	17	53	98	57	67	60	57	57
	Rate	45.9%	57.6%	68.5%	58.2%	67.7%	63.2%	66.3%	76.0%
<b>CyA+Aza</b>	Patients	3	3	1	4	2	2	2	-
	Steroids								
	Withdrawn	0	1	0	2	1	2	2	-
	Rate	0.0%	33.3%	0.0%	50.0%	50.0%	100.0%	100.0%	-
<b>Tac+Aza</b>	Patients	4	2	-	2	-	-	0	-
	Steroids								
	Withdrawn	1	1	-	2	-	-	-	-
	Rate	25.0%	50.0%	-	100.0%	-	-	-	-
<b>CyA+Siro</b>	Patients	-	2	3	2	-	1	-	-
	Steroids								
	Withdrawn	-	1	3	1	-	1	-	-
	Rate	-	50.0%	100.0%	50.0%	-	100.0%	-	-
<b>Tac+Siro</b>	Patients	-	10	22	9	1	2	1	1
	Steroids								
	Withdrawn	-	7	13	5	1	2	1	0

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

Discharge Regimen		Year of Transplant							
		1999	2000	2001	2002	2003	2004	2005	2006
<b>Tac+Siro</b>	Rate	-	70.0%	59.1%	55.6%	100.0%	100.0%	100.0%	0.0%
<b>Siro+MMF</b>	Patients	-	1	3	2	-	1	1	-
	Steroids Withdrawn	-	0	0	2	-	1	1	-
	Rate	-	0.0%	0.0%	100.0%	-	100.0%	100.0%	-
<b>Other Regimen</b>	Patients	9	16	24	12	6	12	10	3
	Steroids Withdrawn	3	7	13	4	3	5	6	2
	Rate	33.3%	43.8%	54.2%	33.3%	50.0%	41.7%	60.0%	66.7%

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.