

Additional file 6: Effect of large or small prostate volume at baseline on response

A. Prostate volume greater or equal to 40 cm³ at baseline

Time-point (months)		Outcome					
		Prostate volume (cm ³)			Max urinary flow rate (mL/s)		
		Number of trials	Number of patients	Value	Number of trials	Number of patients	Value
Baseline	Finasteride	12	1651	48.2	12	2652	11.2
	Placebo		1616	49.4		2588	10.3
3	Finasteride	5	Insufficient data		9	2512	11.5
	Placebo					2488	10.7
6	Finasteride	4	512	41.1	11	2533	11.6
	Placebo		524	48.4		2538	10.7
12	Finasteride	5	1023	41.9	8	2551	11.9
	Placebo		1023	52.1		2485	10.7
18	Finasteride	2	Insufficient data		4	1617	12.3
	Placebo					1585	11.1
24	Finasteride	4	812	35.2	5	2932	12.5
	Placebo		786	44.7		2860	11.4
36	Finasteride	1	Insufficient data		1	691	12.7
	Placebo					608	11.0
48	Finasteride	1	Insufficient data		1	588	12.7
	Placebo					496	11.3
Mean change at 12 months	Finasteride	5	1023	-6.3	8	2551	0.7
	Placebo		1023	-2.7		2485	0.4
Mean change at 24 months	Finasteride	4	812	-13.0	5	2932	1.3
	Placebo		786	-4.7		2860	1.1

B. Prostate volume smaller than 40 cm³ at baseline

Time-point (months)		Outcome					
		Prostate volume (cm ³)			Max urinary flow rate (mL/s)		
		Number of trials	Number of patients	Value	Number of trials	Number of patients	Value
Baseline	Finasteride	3	1785	38.0	3	1445	11.1
	Placebo		1782	38.9		1445	10.8
3	Finasteride	1	1450	37.1	1	1110	12.1
	Placebo		1452	40.0		1115	11.5
6	Finasteride	2	1475	35.4	1	25	12.6
	Placebo		1477	40.1		25	11.6
12	Finasteride	2	1001	30.7	1	310	12.2
	Placebo		1022	39.0		305	11.8
18	Finasteride	1	691	32.8		No data	
	Placebo		717	42.3			
24	Finasteride	1	691	30.5	1	1110	12.6
	Placebo		717	40.9		1115	11.7
36	Finasteride	0	No data		0	No data	
	Placebo						
48	Finasteride	0	No data		0	No data	
	Placebo						
Mean change at 12 months	Finasteride	2	1001	-7.3			
	Placebo		1022	0.1			
Mean change at 24 months	Finasteride		691	-7.5			1.5
	Placebo		717	2.0			0.9