

Dutasteride vs. Finasteride in Male AGA

AE, n (%)	Dutasteride (n=295)	Finasteride (n=305)	Proportion difference (90% CI)	Equivalence region ($\pm 5\%$)			Equivalence <i>p</i> -value*	Equivalence?
				-5%	0%	5%		
				Favours finasteride Favours dutasteride				
Any AE	23 (7.8)	34 (11.1)	3.4 (-0.6, 7.3)				0.245	No
Any AE of special interest	8 (2.7)	6 (2.0)	-0.7 (-2.8, 1.3)				<0.001	Yes
Sexual AEs	8 (2.7)	5 (1.6)	-1.1 (-3.0, 0.9)				<0.001	Yes
Decreased libido	5 (1.7)	3 (1.0)	-0.7 (-2.3, 0.8)				<0.001	Yes
Impotence/erectile dysfunction	3 (1.0)	1 (0.3)	-0.7 (-1.8, 0.4)				<0.001	Yes
Other sexual dysfunction	0 (0.0)	1 (0.3)	0.3 (-0.2, 0.9)				<0.001	Yes
Diabetes mellitus	0 (0.0)	1 (0.3)	0.3 (-0.2, 0.9)				<0.001	Yes
Any other AE	18 (6.1)	28 (9.2)	3.1 (-0.5, 6.6)				0.187	No
Allergic reactions/swelling of lips and face/rash/urticaria	1 (0.3)	2 (0.7)	0.3 (-0.6, 1.3)				<0.001	Yes
Back pain	1 (0.3)	0 (0.0)	-0.3 (-0.9, 0.2)				<0.001	Yes
Diarrhoea	2 (0.7)	2 (0.7)	0.0 (-1.1, 1.1)				<0.001	Yes
Dyspepsia	1 (0.3)	1 (0.3)	0.0 (-0.8, 0.8)				<0.001	Yes
Fatigue	1 (0.3)	0 (0.0)	-0.3 (-0.9, 0.2)				<0.001	Yes
Other [†]	12 (4.1)	25 (8.2)	4.1 (0.9, 7.3)				0.327	No
Skin disorders [‡]	11 (3.7)	18 (5.9)	2.2 (-0.7, 5.0)				0.052	No
Any SAE	1 (0.3)	3 (1.0)	0.6 (-0.4, 1.7)				<0.001	Yes
Serious cardiovascular event (e.g. cardiac failure, stroke)	0 (0.0)	1 (0.3)	0.3 (-0.2, 0.9)				<0.001	Yes
Other SAE [§]	1 (0.3)	2 (0.7)	0.3 (-0.6, 1.3)				<0.001	Yes

Supplementary Fig. 5. On-treatment AEs reported for dutasteride and finasteride among all patients. CI: confidence interval, AE: adverse event, SAE: serious adverse event. **p*-values were estimated from two one-sided tests to determine if the differences in proportions are within the equivalence region, defined as $\pm 5\%$. *p*-values <0.05 indicate equivalence between treatments based on a pre-specified equivalence margin of 5%. [†]Other AEs were reported as open-ended responses and included skin disorders, herpes simplex, shoulder pain/herniated disc, ureter stone, abdominal wall lipoma, fever, gastroesophageal reflux and transient ischemic attack. [‡]Skin disorders included acne, eczema, erythema, erythematous papules, epidermal cyst, folliculitis, itching, psoriasis, rash, seborrheic dermatitis, seborrheic keratosis and tinea pedis. [§]Other SAEs included abdominal pain, acute colitis and schwannoma on the left neck, all of which resulted in hospitalizations. ^{||}Significant at the 0.001 level.