

Glycopyrronium bromide



First report of urinary retention: case report

A 64-year-old man received thrice-weekly applications of topical 0.5% glycopyrronium bromide 30mL to his chest, axillae and forehead, for hyperhidrosis. After receiving ten applications, he reported dribbling of urine with poor stream, followed by acute urinary retention. Glycopyrronium bromide was stopped. He was catheterised and received diuretic treatment for 2 weeks. His urinary retention resolved.

Author comment: *"This, we believe, is the first report of topical [glycopyrronium bromide] causing urinary retention in an individual without a previous history of prostatism followed by improvement with discontinuation of treatment."*

Madan V, et al. Urinary retention caused by topical glycopyrrolate for hyperhidrosis. *British Journal of Dermatology* 155: 634-635, No. 3, Sep 2006 - England 801041905

» **Editorial comment:** A search of AdisBase and Medline did not reveal any previous case reports of urinary retention associated with glycopyrronium bromide. The WHO Adverse Drug Reactions database contained four reports of urinary retention associated with glycopyrronium bromide.