Don't Sweat the Blown Pupil: Anisocoria in Patients Using Qbrexza.

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This pediatric patient presented with anisocoria greater in bright light (A, bright settings; B, dim settings) and subsequently underwent neuroimaging, which was negative. The mydriasis was eventually attributed to the newly Food & Drug Administration–approved medicated cloth glycopyrronium tosylate (Qbrexza, Dermira, Eli Lilly and Co, Menlo Park, CA). This synthetic anticholinergic agent is applied to underarms to treat hyperhidrosis. Inadvertent contact with the ocular structures can cause mydriasis and blurred vision. A thorough history asking specifically about cloth wipes such as Qbrexza for patients presenting with unilateral mydriasis in the absence of extraocular motor deficits may prevent unnecessary medical costs, neuroimaging, and risk, as well as avoid considerable fear and anxiety for our patients. (Magnified version of Fig A-B is available online at www.aaojournal.org.)

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