Duloxetine

Bilateral acute angle closure glaucoma: case report

A 46-year-old woman developed bilateral acute angle closure glaucoma during treatment with duloxetine [route and dosage not stated].

The woman, who had a history of depression, started receiving treatment with duloxetine. After 15 days of the treatment, she developed bilateral closed angle glaucoma. An intraocular pressures (IOP) was found to be at 52 mm Hg in the right eye and 55 mm Hg in the left eye. Gonioscopy revealed shallow anterior chamber and angle closure.

The woman’s duloxetine treatment was discontinued. She received anti-glaucoma treatment and underwent bilateral Nd:YAG laser iridotomy. Following the treatment, her IOP normalised with a normal anterior chamber depth.

Author comment: "To present a rare case of bilateral acute angle-closure glaucoma secondary to duloxetine administered for the treatment of depression."

Mahmut A, et al. Title of the article: Bilateral acute angle-closure glaucoma induced by duloxetine. Idegyogyaszati Szemle 70: 358-360, No. 9, 30 Sep 2017
[Summarised from an abstract] - Turkey