



**In glaucoma patients with anterior uveitis using brimonidine, one must consider `brimonidine-associated uveitis` to avoid misdiagnosis and over-treatment**

### ***The Science behind the Tip***

Raised intraocular pressure (IOP) and secondary glaucoma due to underlying uveitis is a well-acknowledged phenomenon<sup>1</sup>. The clinician should however keep in mind that topical IOP lowering medications can in themselves be a specific cause of uveitis<sup>2</sup>. The alphaadrenergic drug brimonidine, is known to induce a type of anterior uveitis, the so called 'brimonidine-associated uveitis', which results in anterior chamber inflammation and further IOP increase<sup>3</sup>.

In glaucoma patients using brimonidine, one must consider this phenomenon to avoid misdiagnosis and over-treatment with topical steroids, which in turn may increase IOP and induce other side-effects. Stopping brimonidine in these patients is usually sufficient for the resolution of anterior chamber inflammation<sup>4</sup>.

### ***References***

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- 4) Beltz J, Zamir E. Brimonidine Induced Anterior Uveitis. Ocul Immunol Inflamm. 2016;24(2):128-33. doi: 10.3109/09273948.2015.1037845. Epub 2015 Sep 23. PMID: 26399160