

## Comment on: Correlation between choroidal thickness and intraocular pressure control in primary angle-closure glaucoma

Dear Editor,

We have gone through this interesting article titled "Correlation between choroidal thickness and intraocular pressure control in primary angle-closure glaucoma", published in the esteemed *Indian Journal of Ophthalmology's* (IJO) December 2021 issue.<sup>[1]</sup> The article brings forth some interesting insights into understanding a correlation, between hitherto seemingly unrelated entities. We, however, felt the need to highlight and address some untouched areas that could add value to an already educational paper.

Firstly, the details about iris configuration and iris root insertion are unclear among subjects included in the study (both cases and controls). Another important aspect lacking in baseline documentation is the mention of gonioscopy findings of the fellow eye, especially among cases with unilateral primary angle-closure glaucoma (PACG). These details hold importance since they constitute the predisposing factors towards the development of PACG and may have a bearing on the disease outcome.<sup>[2]</sup>

Furthermore, the enrolled subjects in the study underwent subfoveal choroidal thickness (SFCT) measurement two weeks

following laser peripheral iridotomy (LPI), but there is no mention of the baseline choroidal thickness measurement prior to performing LPI. A baseline pre-LPI measurement of SFCT would serve as a reference point against which an actual increase in choroidal thickness could be ascertained in subjects.

Lastly, it is imperative to highlight the fact that prostaglandin (PG) analogues were introduced as part of the maximum tolerated medical therapy. It is established in literature that PG analogues, being pro-inflammatory mediators, alter tissue blood-flow dynamics and in turn, possess the potential to alter choroidal thickness.<sup>[3]</sup> The study should have taken into account any confounding effect due to PG analogues. Alternatively, if the study design was unable to accommodate this variable, for the computation of final results, this should have been cited as a limitation.

Warm regards.

### Financial support and sponsorship

Nil.

### Conflicts of interest

There are no conflicts of interest.

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Access this article online	
<b>Quick Response Code:</b>	<b>Website:</b> www.ijo.in
	<b>DOI:</b> 10.4103/ijo.IJO_839_22

**Cite this article as:** Anshukita, Khurum F, Karkhur S, Gupta S. Comment on: Correlation between choroidal thickness and intraocular pressure control in primary angle-closure glaucoma. *Indian J Ophthalmol* 2022;70:3160-1.

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