Surgically induced astigmatism (SIA) ranks as one of the principle factors resulting in compromised postoperative visual acuity. There are several factors contributing to the postoperative SIA, namely the type and site of wound construction, the age of the patient, and the surgical expertise of the surgeon. The first and foremost step in this process is for the surgeon to be aware of the magnitude and the vector of the SIA induced by his/her hands. The SIA online calculator software for orthogonal astigmatism has opened newer vistas in the field of cataract surgery. This software has been developed by Dr Warren Hill and can be downloaded from the online site. To simplify matters, the same data is made available in the form of a mobile APP – the SIA calculator App. This is a rapid and comfortable way to obtain the results.

**Key words:** Orthogonal astigmatism, surgically induced astigmatism, vector analysis

To simplify matters, the same data are made available in the form of a mobile APP – the SIA Calculator App that can be easily operated on the mobile. Currently, version 1.0 is being adopted. The data entered are similar to that perceived in the online software. This is a rapid and comfortable way to obtain the results. The results obtained will display both the magnitude and vector of the SIA. On a personal note, we have been employing this software in a recently completed research project that compares the SIA between a superotemporal and temporally placed incision in manual small incision cataract surgery. We have found the SIA calculator to be user-friendly, besides exhibiting accuracy in results.

**Financial support and sponsorship**
Nil.

**Conflicts of interest**
There are no conflicts of interest.

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**Submission:** 14.03.2019; **Decision:** 19.12.2019

**Acceptance:** 19.12.2019; **Web Publication:** 06.03.2020

Cite this article as: Suganthraj V, Sekharreddy MR, Hegde SP. The Warren Hill calculator: A simplified online guide for surgically induced astigmatism calculation. J Clin Ophthalmol Res 2020;8:38-9.
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