

Corneal Thickness Measurement after Hyperopic Photorefractive Keratectomy

Maddalena De Bernardo, MD, PhD; Nicola Rosa, MD

Department of Medicine, Surgery and Dentistry, Scuola Medica Salernitana, University of Salerno, Salerno, Italy

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Sir,

We read with great interest the article by Jabbarvand et al comparing Pentacam HR and Orbscan II measurements after hyperopic photorefractive keratectomy (PRK).^[1]

We would like to congratulate the authors for their very interesting paper because even if corneal thickness (CT) is not the only parameter affecting the reliability of intraocular pressure measurements both in virgin eyes^[2,3] and in eyes that have undergone PRK,^[4] it is nevertheless crucial in establishing corneal health.^[5]

In a previous paper, we found that the CT measured with Orbscan was less than the measurements obtained with Pentacam in healthy eyes.^[4] Unfortunately, the authors did not report the measurements obtained before PRK, so from this paper, it cannot be determined if these differences were related to or independent of the treatment. However, if we compare these results with those obtained by Rosa et al,^[4] we can conclude that the difference between Pentacam and Orbscan in measuring CT is related to a difference in the devices, and not to corneal changes induced by hyperopic PRK.

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Conflicts of Interest

There are no conflicts of interest.

Correspondence to:

Maddalena De Bernardo, MD, PhD.
Department of Medicine, Surgery and Dentistry,
Scuola Medica Salernitana, University of Salerno,
via S. Allende-Baronissi, Salerno 84081, Italy.
E-mail: mdebernardo@unisa.it

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