
Supplementary Summary of parameters provided by the Corvis ST

Table 1. used in the study

Deformation Amplitude (DA)	The maximum displacement of the corneal apex in the anterior-posterior direction at the highest concavity moment.
Deformation Amplitude Ratio (DA Ratio)	The Deformation amplitude measured at 1 or 2 mm from the centre of the cornea in the nasal-temporal region
Inverse Concave Radius	The inverse function of the radius of curvature at the highest concavity state ($1/R$) is plotted and the integrated sum is calculated between the first and second applanation events
Stiffness Parameter at A1 (SPA1 or SP-HC)	Resultant pressure (adjusted IOP at A1 minus bIOP) divided by deflection amplitude at applanation 1 or highest concavity. Therefore, stiffness is measured by force divided by displacement.
bIOP	An estimate of corrected intraocular pressure which is able to compensate for central corneal thickness, age and biomechanics
