

History:

G.D. is a 28-year-old Caucasian male that is a pilot for a missionary program that supplies food and supplies to the underprivileged in the Asian-Pacific region. G.D. was diagnosed with Keratoconus 10 years ago. The keratoconus became more progressive in 2013 and G.D. underwent corneal crosslinking OU in order to strengthen the cornea. G.D. has been piggybacked with small diameter gas permeable lenses for 12 years but has had a decline in his vision and comfortable lens wear over the past few years. Due to his vision declining, he has been unable to pilot the missionary trips for the last year and won't be able to provide these services until he has better vision OU. Each eye must be corrected to 20/25 in order for G.D. to continue flying and fulfilling his mission in life of helping those less fortunate.

Vision with small diameter GP lenses:

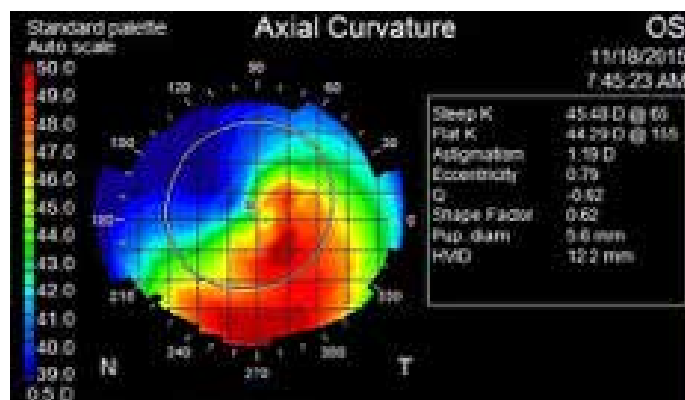
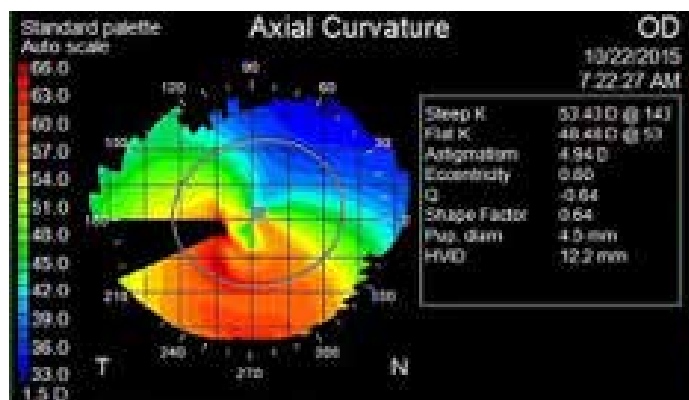
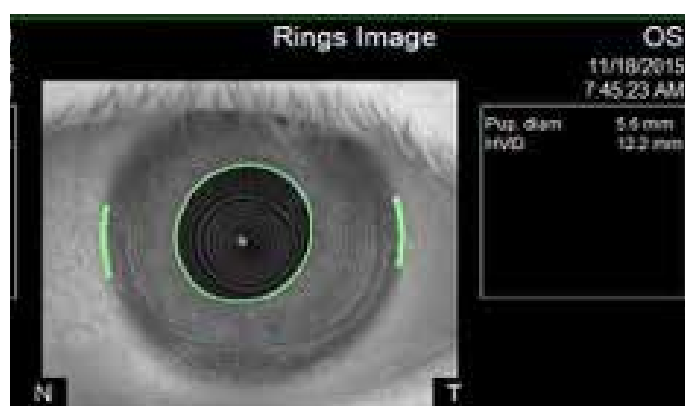
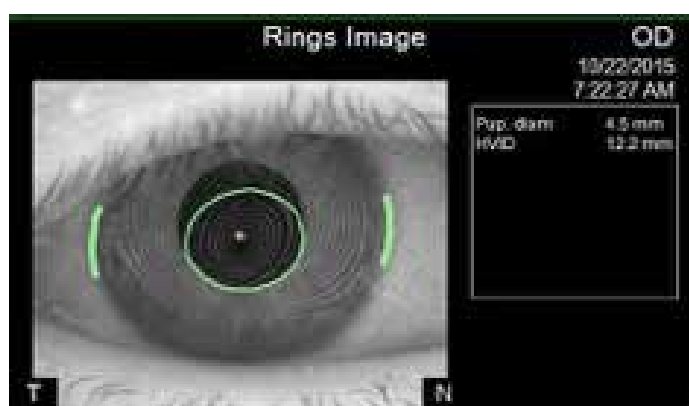
OD: 20/40+1

Fit notes: Heavy apical bearing with apical staining; significant edge lift with lateral movement in between blinks

OS: 20/60-2

Fit notes: Mild apical touch with no apical staining; moderate edge lift

Topography:



Contact Lens Fit:

First contact lens ordered OD:

BC: 7.00mm (48.21D), -14.50 sph, 16.6 mm diameter, standard edge

VA OD: 20/15-1

First contact lens ordered OS:

BC: 8.50mm (39.71D), -6.12 sph, 16.6 mm diameter, standard edge

VA OS: 20/20+2

Results:

The patient stated that he "is seeing better now than he has since he was a teenager." The lenses are very comfortable and stable on his eyes. He feels confident and reassured that when wearing them he will have stable, crisp vision. G.D. can wear the DigiForm 16.6 lenses for 15 hours a day without having foggy or hazy vision. The lenses come out very easily after all day wear and he has no ocular discomfort or redness after the lenses are removed. G.D. is scheduled for a flight physical in the next couple of weeks and can't wait to fly his first mission again.

The DigiForm 16.6 lens design enables first fit success and optimal lens comfort for Keratoconus, PMD, post-RK, post-Lasik, post-corneal transplant, and other corneal irregularities. This success is enhanced by the ability to customize each curve of the lens. Lastly, the overall lens diameter can be modified in order to maximize the lens fit.

Scleral lenses can be intimidating for contact lens practitioners to fit and for patients to wear, yet DigiForm 16.6 minimizes this intimidation factor by utilizing this amazing lens design with **The TruForm Diagnostic Advantage**.