In the time between this visit and the dispensing visit, the patient returned to my office with complaints of pain and discomfort OD. She had a corneal abrasion in the post-lens tear reservoir and abraded her cornea. But the fact still remained that there was insufficient vault over the Intacs segment.

The final lens dispensed was a Europa Scleral® lens: Jupiter OD BC 7.18, Diameter 18.0, Power -13.75-0.50x110

Visual acuity was 20/20 OD. The patient reported perfect comfort.

The type of contact lens used to manage patients with Intacs® segments is critically important to long term success. Severe complications with corneal GP lenses have been reported.3 It is becoming standard of care to fit lenses that vault the irregular corneal surface. Additionally, the Europa Scleral® lenses are designed to avoid significant interzone between the contact lens and the irregular corneal surface. Further, as they are designed with a thinner lens body, they had a thickness of 132μ.

Not only was the area over the Intacs segment very thin. But there was a Special zone body in the post-lens tear reservoir. Notice the en face image on the top showing the Intacs geometry. The foreign body is clearly visible in the area where the Intacs® segment is thicker. The final lens dispensed was a Europa Scleral® lens.

On entrance testing, the technician was instructed to take OCT images prior to the patient into the office with complaints of pain and discomfort OD. She had a corneal abrasion. In the time between this visit and the dispensing visit, the patient returned to my office with complaints of pain and discomfort OD. She had a corneal abrasion in the post-lens tear reservoir and abraded her cornea. But the fact still remained that there was insufficient vault over the Intacs segment.

The final lens dispensed was a Europa Scleral® lens: Jupiter OD BC 7.18, Diameter 18.0, Power -13.75-0.50x110

Visual acuity was 20/20 OD. The patient reported perfect comfort.

The type of contact lens used to manage patients with Intacs® segments is critically important to long term success. Severe complications with corneal GP lenses have been reported.3 It is becoming standard of care to fit lenses that vault the irregular corneal surface. Additionally, the Europa Scleral® lenses are designed to avoid significant interzone between the contact lens and the irregular corneal surface. Further, as they are designed with a thinner lens body, they had a thickness of 132μ.

CONCLUSIONS

REFERENCES
2. Hashemi H, Yazdani-Abyaneh A, Beheshtnejad A, Jabbarvand M, Kheirkhah  A, Ghaffary S. Efficacy of intacs intrastromal corneal ring segment relative to depth of insertion and triathlete. She has a history of keratoconus s/p Intacs implantation. She revealed that she was newly married and the husband had a cat which joined the household. She said that cat hairs were everywhere in the house. We concluded that a cat hair became trapped in the post-lens tear reservoir and abraded her cornea.

C: 252u vault overlying the Intacs segment temporally and 115u vault nasally. The final lens dispensed was a Europa Scleral® lens: Jupiter OD BC 7.18, Diameter 18.0, Power -13.75-0.50x110

Visual acuity was 20/20 OD. The patient reported perfect comfort.

The type of contact lens used to manage patients with Intacs® segments is critically important to long term success. Severe complications with corneal GP lenses have been reported.3 It is becoming standard of care to fit lenses that vault the irregular corneal surface. Additionally, the Europa Scleral® lenses are designed to avoid significant interzone between the contact lens and the irregular corneal surface. Further, as they are designed with a thinner lens body, they had a thickness of 132μ.

CONCLUSIONS

REFERENCES
2. Hashemi H, Yazdani-Abyaneh A, Beheshtnejad A, Jabbarvand M, Kheirkhah  A, Ghaffary S. Efficacy of intacs intrastromal corneal ring segment relative to depth of insertion and triathlete. She has a history of keratoconus s/p Intacs implantation. She revealed that she was newly married and the husband had a cat which joined the household. She said that cat hairs were everywhere in the house. We concluded that a cat hair became trapped in the post-lens tear reservoir and abraded her cornea.

C: 252u vault overlying the Intacs segment temporally and 115u vault nasally. The final lens dispensed was a Europa Scleral® lens: Jupiter OD BC 7.18, Diameter 18.0, Power -13.75-0.50x110

Visual acuity was 20/20 OD. The patient reported perfect comfort.

The type of contact lens used to manage patients with Intacs® segments is critically important to long term success. Severe complications with corneal GP lenses have been reported.3 It is becoming standard of care to fit lenses that vault the irregular corneal surface. Additionally, the Europa Scleral® lenses are designed to avoid significant interzone between the contact lens and the irregular corneal surface. Further, as they are designed with a thinner lens body, they had a thickness of 132μ.