Bilateral central crystalline corneal deposits four years after Intacs for myopia.

Katsoulis K, Sarra GM, Schittny JC, Frueh BE.

Department of Ophthalmology, Inselspital, University of Bern, Switzerland.

PURPOSE: To report a case of bilateral central crystalline keratopathy in the anterior stroma occurring 4 years after Intacs implantation. METHODS: A 45-year-old woman underwent bilateral uncomplicated Intacs implantation for myopia. The postoperative course was uneventful. However, between 3 and 4 years after surgery, the patient developed central opacifications of the anterior stroma in both eyes, reducing best spectacle-corrected visual acuity. RESULTS: Intacs were explanted. Confocal microscopy, electron microscopy of the explanted ring segments, and microbiology studies were performed. Opacities were still detectable at the slit-lamp microscope up to 8 months after explantation. CONCLUSIONS: This is the first report on central corneal opacifications after Intacs implantation for myopia. The opacities could be the result of chronic metabolic stress or the beginning of lipid-like changes in another more central corneal localization.

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