To review the history, evolution and current trends in using intracorneal inlays in the management of presbyopia, with special focus on the Raindrop Intacorneal Inlay (ReVision Optics Inc., Lake Forest, California) as one of the better reversible options to manipulate asphericity.

Presbyopia remains the last frontier for refractive surgeons. With increased demand for spectacle independence at all ages, ophthalmologists are exploring different approaches to compensate for presbyopia symptoms. One robust idea is to individually manipulate asphericity. The idea of adding synthetic material to the cornea for the management of presbyopia has come a long way since its inception. The RainDrop (ReVision Optics) is one of the most attractive projects with two mechanisms of action. The RainDrop changes the curvature of the anterior cornea in the area of the pupil inducing a more prolate anterior corneal surface. The decreased incidence of complications, ease of insertion, removability, and potential applicability to patients with various refractive statuses make inlays a powerful addition to the armamentarium in the management of presbyopia.

We will finally show some practical clinical cases using such a technology in our experience.