

Introducing an Aspherical Implant

The combined expertise of Carl Zeiss in optical design and Ioltech SA, a company of Carl Zeiss Meditec, in IOL design has yielded the innovative aspherical implant INVENT ZO® (ZEISS Optic). This collaboration has resulted in the development of an optimised lens.

The architecture of the implant guarantees its stability and enables injection reproducibility, when used with the SKYJET® injector. The aspherical optic also will be available for use with the XL Stabi.

The optical architecture, designed to mimic the youthful eye's performance, permits improvement of vision quality.

The most representative method to evaluate the overall performance of the pseudophakic eye is measurement of the Modulation Transfer Function (MTF). MTF can be likened to the spectral decomposition of a sound into different resonant frequencies. The spectrum of these spatial frequencies extends from the lowest coarse picture elements, to the highest, finest details. Market launch in September 2006 at the ESCRS meeting in London.

