NEW EDITION OF RANZCO's

Refractive Surgery - A Guide for Patients

Purpose

 $This \, edition \, of \, the \, patient \, education \, pamphlet \, was \, updated, \, with \, the \, addition \, of \, newer \, techniques \, and \, medical \, and \, the \, contract of the patient education \, pamphlet \, was \, updated, \, with \, the \, addition \, of \, newer \, techniques \, and \, medical \, and \, the \, contract \, and \, the \, contract \, and \, contra$ illustrations

Method

 $The approved RANZCO \ publisher, \ Mi-tec \ Medical \ Publishing, invited \ Dr \ Ron \ Stasiuk \ to \ update \ the \ pamphlet \ Publishing \ Publi$ $in \ late \ 2016. \ Dr \ Stasiuk \ co-ordinated \ the \ review \ with \ several \ Fellows \ who \ specialise \ in \ this \ field. \ The \ following$ $panel\ of\ Fellows\ reviewed\ the\ third\ edition\ of\ the\ patient\ education\ pamphlet:\ Dr\ Abi\ Tenen,\ Dr\ Frank\ Howes,$ Professor Gerard Sutton, Dr Raj Pathmaraj, Dr Con Moshegov, Dr Christopher Hodge and Dr Michael Lawless, As for the previous editions, Dr Levent Efe was the medical illustrator

Results

some patients from having refractive surgery". Also: "Your ophthalmologist may still decide that refractive surgery may be appropriate, as long as you understand its risks, benefits and limitations. Treatment may be possible in select patients."

Some examples are:

- cases of stable herbetic keratitis with no recurrence for many years can have treatment with oral antiviral cover
- some cases of keratoconus with scarring having PRK, dry eye syndrome, severe myopia and autoimmune disorders.

Medico-legal advice was obtained from Avant and MIGA insurers. Avant recommended extra pre-operative consultations to answer patient questions. They noted that such a summary on refractive surgery was valuable patient education that would help to reduce medico-legal risks.

Newer technologies such as Presby-LASIK, corneal inlays for presbyopia, and SMILE were added, while conductive keratoplasty was deleted. Stability of refraction was increased to at least 12 months.

Conclusion

The revised six-page patient education pamphlet on Refractive Surgery is a valuable tool to assist the informed-consent process, with a sticky label for patient records. The Author highly recommends the use of such patient information when considering refractive surgery.

Autography

 $Dr\ Ron\ Stasiuk\ has\ significant\ experience\ in\ Cataract\ Refractive\ Surgery\ with\ a\ special\ interest\ in\ Multifocal\ Surgery\ with\ a\ special\ in\ Surgery\ with\ a\ special\ spe$ IOLs, Phakic lens Implants, Piggy-back implants with the first description of the Red Rock Syndrome that was awarded a Video Oscar at the Boston ASCRS, complicated Cataract Surgery and Laser Refractive Surgery. $He \ was \ also \ a \ Foundation \ partner \ in \ the \ Melbourne \ Excimer \ Laser \ Group \ and \ Vision \ Eye \ Institute. \ Although$ $he\ has\ retired\ from\ operating\ due\ to\ RSI, he\ still\ consults\ at\ Vision\ Eye\ Institute\ Blackburn$



e aim of refractive surgery is to reduce a person's dependne aim of refractive surgery is to reduce a person's depend-ence on glasses and contact lenses. This is achieved by treating nearsightedness (myopia), farsightedness (hyper-opia), and/or astigmatism.

Most refractive surgery techniques rely on altering the shape of the cornea.

As shown in the illustration below, the cornea is the trans-

parent outer layer on the front of your eye. It serves as a fixed-

Behind the iris is the natural lens, which can adjust its focus. Light entering the eye is bent (refracted) by the corr

Refractive Surgery

and lens so that images are focused on the retina

Poorly focused images can be improved by prescription glasses, contact lenses or refractive surgery.

As the cornea is responsible for about two-thirds of the

eye's focusing power, vision can be improved by permanent reshaping of the cornea.

Your ophthalmologist will advise you

- whether your eyes may benefit from refractive surgery
 about the type of refractive surgery that would be most suitable for your eyes, general health and lifestyle



