

眼科部 Department of Ophthalmology

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Service Hours (By appointment only)

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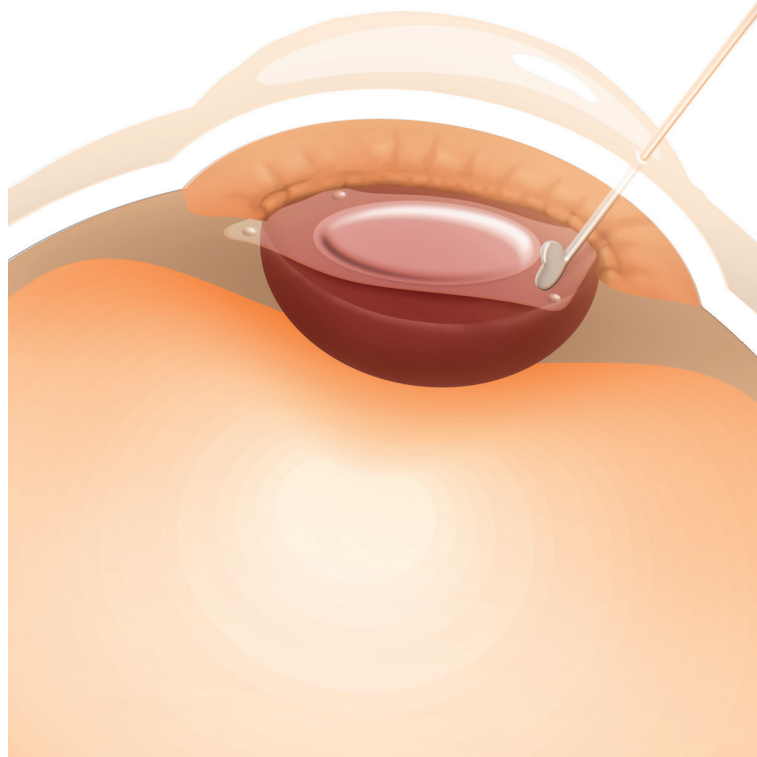
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Implantation of Phakic IOL



養和醫院
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What Is Phakic IOL?

Intra-Ocular Lenses (IOL) are artificial lenses which are placed inside the eyes. They are made of highly biocompatible plastic or silicone materials. Implantation of phakic IOL corrects refractive errors. Refractive errors occur when light rays pass through the eye but cannot focus on the retina and blurred images are formed.

Phakic IOL causes light entering the eye to be focused on the retina providing clear distance vision without the aid of glasses or contact lenses. With the use of microincision technique, the procedure involves inserting an IOL in front of or behind the iris through a small incision in the front part of the eye.

Who Can Benefit from Phakic IOL Implantation?

Implantations of phakic IOL can correct a very high degree of refractive errors and maintain good quality of vision.

Range of Refractive Errors

- Up to 1800 degrees of myopia
- Up to 1000 degrees of hyperopia
- Up to 600 degrees of astigmatism

Is the Procedure Reversible?

Yes, implantation of phakic IOL is a reversible procedure. Phakic IOLs can be removed or replaced when needed.

What Is the Difference Between Phakic IOL and IOL Following Cataract Surgery?

During cataract surgery, the eye's natural lens (cataract) is removed and replaced by an IOL.

A phakic IOL is implanted in the eye without removing the natural lens. The patient retains the natural focusing capability (accommodation) for close objects after surgery as the natural lens of the eye is not removed. The risk of retinal detachment after surgery is much lower than cataract surgery.

