**Laser refractive surgery and presbyopia**

Refractive surgery is the definitive solution for myopia, hyperopia and astigmatism, since it achieves a good vision without the need of spectacles or contact lenses. The precision of the laser beam reshapes the cornea to modify its curvature by removing a small amount of corneal tissue, thus changing the refraction of the eye to perfectly focus the image on the retina.

**Refractive surgery techniques**

Three approved surgical techniques are currently available:

**Excimer laser surgery (LASIK)**

Lasik is the most common procedure. It is useful for correcting myopia from 1 to 10 diopters and hyperopia from 1 to 5 diopters, in both cases with or without astigmatism.

**Surgery with implant of an epicapsular flexible lens (ICL)**

It is the optimum technique for young patients with a low corneal thickness or with high myopia or hyperopia.

It is a state of the art technique that achieves excellent and immediate results, being the ideal complement for lasik surgery.

**Refractive surgery by phacoemulsification**

Phacoemulsification is a technique that is suitable for patients elder than 50, with high refractive errors and/or the presence of cataracts.

**Phacorefractive surgery and cataracts**

The crystalline lens is one of the elements of the optical system of the eye. It is a natural transparent lens that is located behind the pupil and allows light rays to pass through it focussing them on the retina to obtain a sharp image. A cataract is the opacification of the crystalline lens that hinders the light rays to correctly pass through it causing out of focus images on the retina and creating blurred vision.

There is no delay for undergoing surgery anymore

The fist symptoms of cataracts are haze, glare and loss of vision. At night, car lights cause glare, contrast is lost and when reading sumperimposition of letters may occur.

Cataracts are frequently related with age and are generally found in people aged above 50. They are caused by the aging process of the crystalline lens without a known cause.

Cataracts may sometimes cause myopia, glaucoma, inflammation, etc. They may also be secondary to the use of drugs such as steroids, antineoplastics, etc. or even be caused by diabetes, exposition to sun light without protection, trauma or previous eye surgery.

In former times it was usual to delay cataract surgery until the eye had completely lost vision, since complications were frequent. Nowadays this has changed and surgery is performed when contrast sensitivity decreases, the crystalline lens increases its diameter by more than 4.5 mm or when the patient refers a loss of vision.

For more information please visit www.admiravision.es
Prices

- Cataract (monofocal lens) 1580€
- Cataract (multifocal lens) 2900€
- Glaucoma (non perforating surgery) 1845€
- Excimer laser refractive surgery (Lasik) 750€

All prices are per single eye

Oculoplastic services

- Upper lid blepharooplasty 2500€
- Lower lid blepharooplasty 3000€
- Both lid blepharooplasty 3500€

Location

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Opening time
Monday to Saturday 9-14h
Monday to Friday 9-20.30h