This time we present a very special testimony. **It is the first patient who received the NewEyes Laser treatment.** The Clinic after more than seven years of study and innovation to get a solution for the heterochromia, created the unique laser of the world capable of change the eye color and solve the heterochromia.

Nowadays, it makes also as an esthetic treatment and it is the only safe solution, non-aggressive and proven to change the eye color with laser.

The Clinica Eyecos present the images of his first patient after more than three years from the NewEyes Laser. Doctor Grimaldos explain the experience with this first patient and the achieved results.

**Who was the first patient of NewEyes Laser?**

The first treated patient in 2012 with Neweyes laser was in his fifties, he was a computer engineer and his motivation to change his eyes color was to be the only in his family with brown eyes. All of his family had blue eyes and this situation cause an inferiority complex all his life.
Degree of pigmentation

The first patient of NewEyes Laser has honey brown eyes with a peripheral green. The degree of pigmentation was 2 with a fine melanin layer. The patient was in general healthy and ocular healthy too, and he had not present a glaucoma in his family history.

Procedure for NewEyes Laser

Before the treatment he was informed of the potential risks with the informed consent. Afterward, we proceed with an ocular healthy check-up with medical test: automated refraction, photography of anterior segment, measurement of the intraocular pressure, angle gonioscopy, corneal endothelium with endothelial microscopy, and coherence tomography Optical (OTC) to study the anatomical profile of the iris and the characteristics of the three tissue layer: anterior epithelium, stroma and posterior epithelium. As all tests became positives, the patience was accepted as a candidate for NewEyes laser.

Four alternative sessions were held in both eyes: two for periphery and two central. The color change was obvious in a few hours. After the applications the patient referred blurred vision during 4 hours, mild discomfort, and a total and fast recovery. The level of inflammation was reduced and the intraocular pressure was always maintained within limits.
Afterwards the patient followed a treatment with drops during 5 days and later only with artificial tears. Considering the excellent esthetics results, the patient chose to leave the original pigment ring around the pupil, of honey color, giving it a natural look.

Treat the myopia after the NewEyes Laser

Due the recovery was so fast and without discomfort, the satisfaction degree of the patient was really high. Therefore, he decided to achieve the second dream of his life: stop using all day progressive glasses to see well.

His refraction presented four diopters of myopia and two and a half diopters of tired eyesight. The indicated technique was a Presbilase with an excimer laser. In order that, after waiting six months for healing the NewEyes laser treatment, all pre-operative test for a refractive Presbilaser surgery were held: automated refraction, pachimetry, topography, aberrometry, dry eyes, among other tests. The refractive examination was correct so we proceed to the realization of Presbilaser in both eyes.

The Presbilaser carry out without complications and in a few days the patient could see far at 100% (watch tv or cinema, drive) and see close (read, computer) without using their old progressive glasses.

The state of ocular health after three and a half years from the two interventions, NewEyes and Presbilase, is excellent and with a 100% vision, intraocular preassure of 10mmHg, intact cornea and an esthetic result of color sky blue iris, like all his family, no trace of pigment.
The importance of intraocular pressure and the drain of the eye

To perform NewEyes we should discard patients with a potential risk of glaucoma, personal and family level. Previously intraocular pressure should be checked, discover if there is a family diagnosed with glaucoma and in case of reasonable doubt make a genetic testing of glaucoma gene.

If pressure is normal, no one in his family had glaucoma and the test was negative, the patient could be performed with the NewEyes treatment with minimal risk of glaucoma.

For a better understanding, the situation is similar to diabetic patients who do not assimilate high levels of glucose by lack insulin. If a diabetic eats large amounts of carbohydrates will suffer a drastic rise in glycemia levels, and could imply serious consequences. In the same way, a patient with glaucoma risk it is not able to assimilate a high increase of ocular pressure. Other people can do without problems because they get drain tract completely open. Therefore, NewEyes laser is contraindicated in patients with glaucoma gene. Is essential to prevent to avoid cure.

How has treat the eye for the pressure or drain and the goods results achieved to see the patient evolution during three years.

The amazing evolution of the first NewEyes patient in 2012 has demonstrate that the original technique was already perfect from the beginning. Esthetic and safety results have been related to the level of pigmentation and not with the technique.

Degrees 1, 2 and 3 have presented excellent results and lacking complications. However, degree 4 has been rejected, darker eyes, because the achieved colors have not been fully satisfactory and the risk was higher.
These over 3 years have demonstrated a nearly complete absence of long term complications such as photophobia, sensitivity to light, retinal problems, cataracts or chronic inflammations. Only need to discard the glaucoma gene to have the maximum guarantees. It has established a treatment protocol to control the pressure and early postoperative inflammation, which has prevented the appearance of unnecessary discomfort.

Despite all the precautions we have been treated several patients with the glaucoma gene, a fact previously unknown, and after rise intraocular pressure, were treated with topical therapy without any sequels or complications.

Today, after more than three years of evolution, there is not NewEyes patient with high ocular pressure or with hypotensive treatment. The complication of chronic glaucoma has proved non-existent.

According to the FDA from USA needless 4 years to accept a new technique as safe, if its efficacy, predictability are demonstrate, and the low levels of complications treatable. NewEyes will achieve soon this date, at the end of 2015, with excellent esthetics results and no notable complications, which could be validated by the FDA.

Thanks!
Grado II (2012)

The Magic NewEyes

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