PRESS RELEASE

MINI WELL, the first progressive IOL for presbyopia correction

An innovative approach to treat presbyopia: MINI WELL, the novel intraocular lens to correct vision at every distance through refractive cataract surgery.

The first-in-kind IOL, developed and manufactured by SIFI, was launched at the XVII A.I.C.C.R. Congress (Italian Association of Cataract and Refractive Surgery), held in Milan, March 12th-15th 2014.

Milan, March 19th 2014 – MINI WELL is SIFI’s new intraocular lens (IOL), based on a patented technology and developed around patients’ needs, that corrects presbyopia through refractive cataract surgery. MINI WELL may reduce or even eliminate patients’ dependence on spectacles for near or far vision, minimizing the disorders typically associated with current multifocal IOLs. MINI WELL is the first progressive intraocular lens, whose design matches the physiopathology of the presbyopic eye and selectively exploits wavefront aberrations to correct vision at all distances. Thanks to its innovative optical profile, MINI WELL has the potential to improve the standard of care in refractive cataract surgical treatment achieving a higher patients’ satisfaction.

Based on preliminary clinical trial results, MINI WELL provides patients with excellent quality of vision at any distance, even in poor light conditions, and a swift neuro-sensorial adaptation.

These benefits come along with the proven safety and stability of SIFI pre-loaded IOLs.

About Presbyopia

Presbyopia is an age-related eye condition affecting almost every person 40 years old or more. The presbyope progressively loses the ability to focus on near objects such as a book, or to perform some activity requiring a good vision at a short distance, like using a mobile phone or a computer, especially in poor light conditions. This is associated with ageing and loss of elasticity of the natural lens of the eye.

Uncorrected presbyopia may cause headaches and visual fatigue while performing daily tasks. When corrected by common spectacles, presbyopia may affect the quality of life especially in patients already suffering from other refractive problems (myopia, hyperopia, astigmatism) requiring the use of eyeglasses.

Presbyopia affects about half of the world population, with private and public research steadily looking for safer and more effective solutions.
Treatment options

Presbyopia correction is currently achieved through multiple approaches. They include the use of spectacles with monofocal, bifocal or progressive lenses, multifocal contact lens or laser refractive surgery.

Such options may not be well accepted by every patient, due to different professional and lifestyle requirements or difficult brain adaptation.

Spectacle lenses are the most widely used approach to date, but they create dependence and disrupt performance of daily activities.

Cataract surgery (replacing the clouded natural lens) and Refractive Lens Exchange (replacing the clear natural lens) are perhaps the most promising solutions through the implantation of presbyopia-correcting IOLs. However currently available technologies have shown limited success in safety and performance, thus limiting adoption of these surgical approaches.

More information on MINI WELL is available on www.sifimedtech.com

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