Optimizing Outcomes with TECNIS® Personalized Vision

Cataract surgery has become a refractive procedure, with patients expecting quality of vision at all distances. As surgeons, this can be challenging to achieve, as there is one-size-fits-all approach. Every patient is unique and requires a personalized option.

As we will see in this paper, many surgeons are personalizing their IOL selection using the TECNIS Symfony® in one eye and the TECNIS Multifocal +3.25D in the fellow eye. In a recent study, this approach resulted in outstanding vision at all distances, as well as high patient satisfaction and low incidence of visual symptoms.1

The Quest for Continuous Vision

By Eric Dommerfled, MD

Today’s multifocal IOLs enable cataract surgeons to offer good visual acuity at distance and near. However, many patients reported a gap in intermediate vision, which is an important need in today’s digital world. The introduction of the extended depth of focus (EDOF) IOL was therefore a breakthrough in the ability to better meet the evolving needs of our active presbyopic patients.

In the two years after introduction of the TECNIS Symfony® Extended Depth of Focus IOL, refractive cataract surgeons have embraced this advanced technology due to the extended, continuous range of high quality vision the lens provides.2

Recall Customize and Personalize Your Strategy

By Ralph Walter, MD

Influence is a key to their satisfaction. Not only is it the basis for creating a personalized surgical plan that will meet patient goals but it also improves patient perceptions of the entire care experience.

In my practice, patients who schedule a pre-surgical consultation visit are sent a packet that contains the Johnson & Johnson Vision cataract patient survey. This tool helps give insights and helps me to start the conversation about IOL options at the consultation visit. If I discover that a patient is willing to accept wearing glasses when reading fine print, I recommend bilateral TECNIS Symfony® IOL implantation.

For patients who depend more on near vision and are interested in wearing glasses less overall postoperatively, implanting the TECNIS Symfony® IOL in their dominant eye and a TECNIS Multifocal +3.25 D in the nondominant eye is an excellent solution for this type of patient.

Additionally, they have used it with other lenses in the TECNIS IOL family to achieve more options for personalized refractive outcomes for individual patients.

For instance, I recently treated an obstetrician who underwent cataract surgery and wanted to wear glasses less often. I placed a TECNIS Symfony® IOL in her dominant eye and she was very happy with her distance and intermediate vision, but her most essential near vision need was to perform cervical cancer screening and her vision following the first surgery was still not good enough to allow her to comfortably perform this procedure. Based on this feedback, I implanted a TECNIS Multifocal +3.25D (2L800) in the patient’s non-dominant eye. She now reports that she could not be more thrilled with her vision.

In fact, I have been so pleased with the results that I chose this approach for my mother-in-law when performing her surgery. Mimi is a 67-year-old who had great distance vision without glasses until her cataracts developed. This created the need to wear two different pair of glasses—one for intermediate tasks, such as laptop and cell phone viewing, and a second for sewing and fine print. She even kept a pair of glasses in her car to help see the dashboard. The exam revealed a 2+H with 1+ cortical in both eyes and best corrected vision (BCVA) of 20/40 in each eye and 20/80 glasses.

After a long discussion about visual goals, Mimi was excited to hear that TECNIS Personalized Vision could give her a full range of vision.

We decided that a TECNIS Symfony® IOL in her dominant eye (aiming for plano) with a TECNIS® Multifocal +3.25 D (also aiming for plano) in her non-dominant eye would be the best, since she was hoping to use her sewing machine without glasses.

The patient told me that she feels she has worked hard all her life and wants to enjoy a spectacle-free life now. Due to the significant against-the-rule astigmatism in the right eye, I selected a TECNIS Symfony® Toric IOL OD to deliver the greater add for reading in bed. I selected the TECNIS multifocal +3.25 OS as this eye had no astigmatism and would give the added close reading range. Today, the patient is very happy and doesn’t wear glasses anymore.

Personalized Vision with the TECNIS Symfony® IOL and the TECNIS Multifocal +3.25 D provides excellent full range of vision with outstanding near vision acuity as evidenced in several recent studies.1,2,3

**Indications and Important Safety Information**

**ATTENTION:** For the full US prescribing information, please see the TECNIS Symfony® IOL Directions for Use. Use only the TECNIS Symfony® IOL Model ZXR00, and provide a copy of the patient information brochure to the patient. The long term effects of intraocular lens implantation have not been fully evaluated.

**Indications:**

The TECNIS Symfony® Extended Range of Vision IOL, Model ZXR00, is indicated for primary implantation for the visual correction of aphakia in adult patients with less than 1 diopter of pre-existing corneal astigmatism, or in a cataractous lens that has been removed. The lens mitigates the effects of presbyopia by providing an extended depth of focus. Compared to an aspheric monofocal IOL, the lens provides improved intermediate near visual acuity and distance visual acuity as well as less visual disturbances compared to an aspheric monofocal IOL intended for spectacle avoidance.4

Specifically, the TECNIS Symfony® Extended Range of Vision IOL provides improved visual acuity at near and intermediate distances, compared to other IOLs, achieving 20/25 or better at near and intermediate distances as assessed by the Near Miss Distance Test and the Visual Acuity and Disturbance Test (VADT). In a recent study, this approach resulted in outstanding vision at all distances, as well as high patient satisfaction and low incidence of visual symptoms.

**WARNINGS:**

Physicians considering lens implantation should be aware that all implanted lenses will cause some level of visual distortion and that the risks and benefits of each lens should be considered when deciding which lens would best be matched to a patient’s visual needs. It is also important to create a personalized surgical plan that will meet patient goals but it also improves patient perceptions of the entire care experience.

For additional information, see data on the three studies referenced in the charts below.

**References**


2. TECNIS Symfony® Extended Range of Vision IOL Directions for Use. Johnson & Johnson Vision Care, Inc.

3. Drury DM. Indications and Important Safety Information. Johnson & Johnson Vision Care, Inc.

4. TECNIS Symfony® Extended Range of Vision IOL Directions for Use. Johnson & Johnson Vision Care, Inc.