



# PRESBIOPTICx™ Optical System™

EMMETROPIA is as easy as 1... 2... SEE!

 1 Measure 1st Eye & Implant

 2 Refract 2nd Eye, Calculate “ADD”, Select the  & Implant

 **EMMETROPIA!**

*“The PRESBIOPTICx™ Rx2 System offers 1/10th Diopter Accuracy so that you can make finite adjustments to the 2nd eye and create Emmetropia 100% of the time.”*  
- G. Rubiolini MD



**No lines = No Halos, Sparkles or Glare!**

**PRESBIOTICx™**



It's been clearly documented that the most advanced optical systems used in the world today are Multifocal IOLs, Pseudo-Accommodating IOLs and Multi-Piece IOLs. Current implantations by today's Ophthalmologists create problems such as<sup>(1)</sup>:

- Halos, Glare, Sparkles & Starbursts
- Poor Reading or Poor Mid Range Acuity
- Low "odds" of Emmetropia for everyone

Over the past six years Imperial Medical's team of engineers, scientists and surgeons have solved these negative side effects. Doctors NOW have an excellent chance of achieving Emmetropia in 100% of their patients all without long term Halos, Glare or Sparkles. The Rx2 Optical System™ allows the clinician to micro-adjust the patient's visual acuity.

## How Rx2 Works

Implant the first lens into the dominant eye or according to your usual protocol. The IOL label will have an ADD of 0 or 1 in the box below the lens Diopter. If you used a "0" after implantation, refract the patient and record the reading acuity. If NO adjustment to reading is needed, implant another "0". If an adjustment of +0.2D is needed you simply implant an ADD of "2". If +0.3D is needed  $0+3=3$  so you would implant a 3. Research shows that the recessive eye will "take over" and your patient should not require reading glasses.

## Optical Zone Dilemma

The lines between the "Zones" on a standard Multifocal lens, reduces the light to the retina by 20%. To compensate, IOL companies make their lenses Aspheric. However that creates huge vision problems when the lens de-centers. Since IMT's IOLs are progressive, they provide 20% MORE light to the Retina.<sup>(2)</sup>

## Mix & Match Problems

Mix and Match doesn't work because usually they are two different optical systems. With Rx2 the same system creates perfect or near perfect vision every time!<sup>(3)</sup>

## +0.1 Diopter Accuracy

+1/10 (+0.1) of a Diopter Accuracy offers you the ability to micro-adjust the patient's reading acuity thus increasing the potential for Emmetropia with every surgery!<sup>(4)</sup>

(1) Nighttime Image Quality & Multifocal IOLs, R. Tipperman, MD, J. Schweigerling PhD, Eye World, 10/2011

(2) Centration & Diffractive Multifocal IOLs; Holladay, Jack - April, 2006, Cataract & Refractive Surgery.

(3) Training required and there is no guarantee every surgeon will achieve emmetropia every time.

(4) G.R. Vision reported, ASCRS, 2011, 59 out of 59 patients were spectacle free after using Rx2.



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