

PRESBIOPTICx™

with



Optical System™

1

Measure & Calculate
Set Your Target
Implant...

2

Refract the Patient
Calculate the “Add”
Select  & Implant

“The PRESBIOPTICx Rx2 System offers 1/10th Diopter Accuracy so that you can make finite adjustments to the second eye and create Emmetropia 100% of the time”

G. Rubiolini MD

EASY as...

“1”...“2”...

“SEE”

SEE

“EMETROPIA”



Why PRESBIOPTICx



It's been clearly documented that the most advanced optical systems used in the world today Multifocal IOLs, Pseudo-Accommodating IOLs and Multi-Piece IOLs implanted by today's ophthalmologists create problems (1) such as:

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

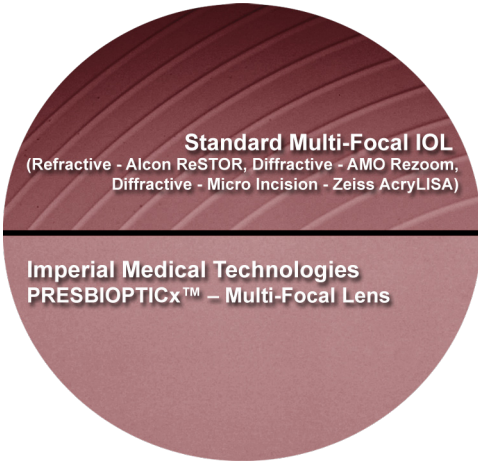
Over the past six years Imperial Medical's team of engineers, scientists and surgeons have solved those problems! Doctors can NOW have an excellent chance of offering Emmetropia to 100% of their patients all without long term Halos, Glare or other visual problems. The Rx2 system allows the clinician to micro-adjust the patient's visual acuity.

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

Mix & Match Problems

How "Rx2" Works!

Implant the first lens into the dominant eye or according to your usual protocol. It will have a 0 or 1 in the box by 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 add "2" to the first lens and the 2nd implant will have a 2 in the box. 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 be happy & spectacle free.



Standard Multi-Focal IOL
(Refractive - Alcon ReSTOR, Diffractive - AMO Rezoom, Diffractive - Micro Incision - Zeiss AcryLISA)

Imperial Medical Technologies PRESBIOPTICx™ – Multi-Focal Lens

Look NO Lines!

+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!⁽⁴⁾

+0.1 Diopter Accuracy

- (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.

Optical Zone Dilemma

Because the "Zones" on the standard Multifocal lens reduce the light to the retina by 20%, IOL companies make the lenses Aspheric. But that creates huge vision problems when the lens de-centers. IMT's progressive IOL provides 20% MORE light to the Retina.⁽²⁾