Being involved in a busy Cataract and Laser Refractive practice, the hunt for emmetropia is always on. To have lensectomy outcomes as accurate as Lasik surgery is the ultimate goal for any lens patient within my practice.

MBI (Millennium Biomedical Incorporated) developed their PreciSAL hydrophobic acrylic intraocular lens. PreciSAL lenses are made from a very soft material (exclusive to MBI), and behave almost like hydrophilic lenses. These lenses are lathe cut, not injection moulded which is a much gentler process. This manufacturing process allows the MBI lens to be delivered with an accuracy of +/-0.125D of the desired lens power, which is higher than the current industry standard, and gives an extra level of reassurance.

Having spent the majority of my career using 0.5D step spherical lenses, I was happy to be the first Surgeon in the world to trial the MBI 0.25D step lenses. I was eager to see what impact it would have on my clinical outcomes, as I suspected that utilizing 0.25D step IOL’s would be an extra link in the chain in obtaining the desired outcome.

I have now used the MBI lenses since November 2011. My post operative outcomes initially had an average result of +/- 0.44 of the target refraction. After implanting over 150 lenses my postoperative result has now improved to +/-0.12 of the target refraction in the last 60 eyes. This is a very pleasing result and supports my belief that 0.25D step IOLS improve refractive outcomes.

MBI delivers an outstanding lens with a great degree of accuracy, the rest is now up to me!

Dr Peter Stewart
Ophthalmologist
Director Laser Sight
Australia