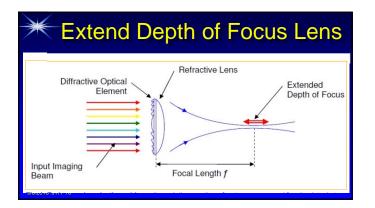
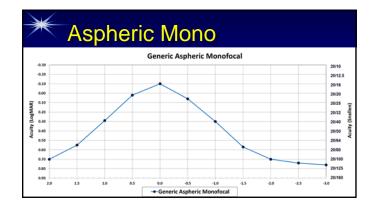
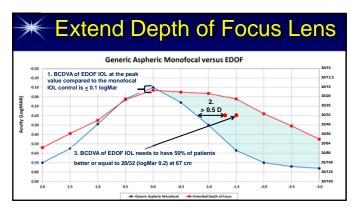


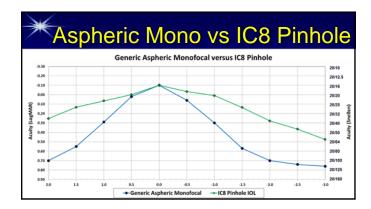
## How do we compare Optical Performance? • High Contrast BDCVA @ distance (4 – 6 M) • High Contrast BDCVA @ intermed (66 cm) • High Contrast BDCVA @ near (40 cm) • Stereopsis (9/9 circles – 40 sec of arc) • Contrast Sensitivity Function (CSF) • Visual Disturbances (Halos, Glare, ...)

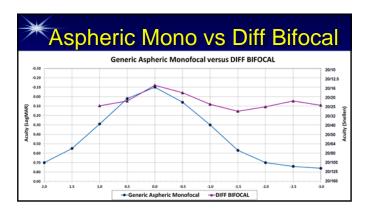


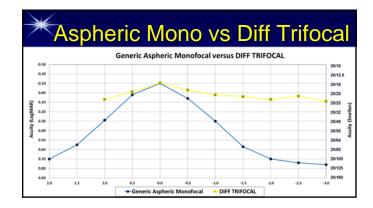
IOL Optical Comparsion											
IOL Type	Theoretical BSCVA	Actual BSCVA	Contrast Loss	Halos & Glare	Forward Light Scatter						
Aspherical Mono	20/09	20/17	0%	-	0%						
IC8 Pinhole IOL	20/12	20/16	0%	-	0%						
EDF 1.50 D (1.00)	20/16	20/18	20%	+	10%						
Diff Bifocal 3.00 D (2.00)	20/20	20/22	25%	++	18%						
Diff Trif 3.75, 1.75 D (2.50, 1.25)	20/20	20/22	30%	+++	18%						
LA Dodgers 1993-1995: 1.7% from 20/8.9 to 20/9.2 42% ≤ 20/12.5 AJO 1996; Oct 122 (4): 476-85.											

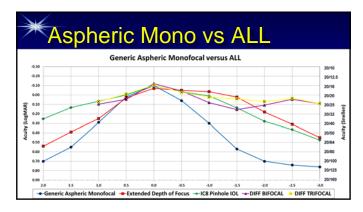


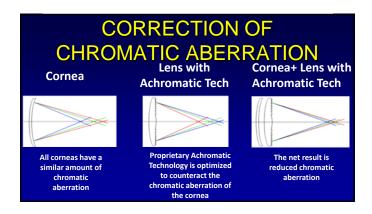


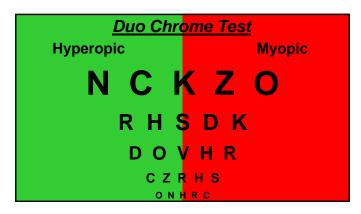


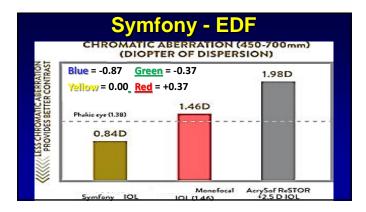


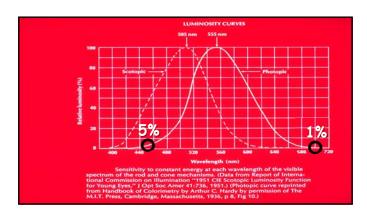


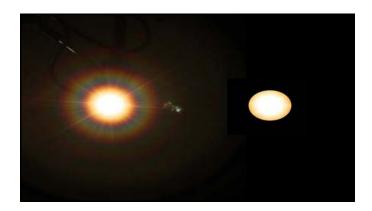


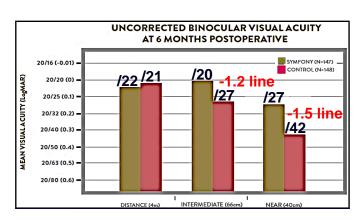


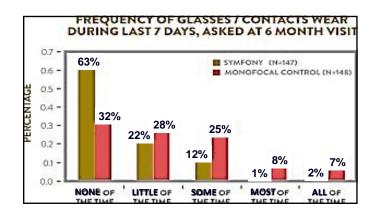




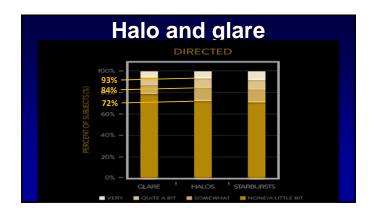


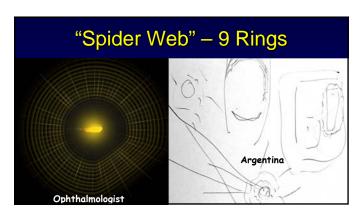


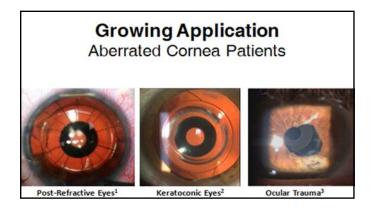


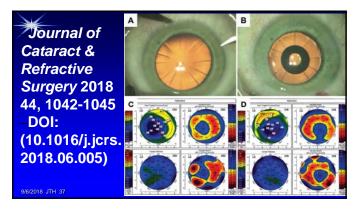












Presby Rx	Dom Eye DVA	Non- Dom Eye DVA	Binoc DVA	Dom Eye NVA	Non- Dom Eye NVA	Binoc NVA	3D	C S F	Halo	Glare
Binocular Distance	20/20	20/20	20/16	20/40	20/40	20/30	9	+40% +2dB		
Traditional Mono (1.5)	20/20	20/40	20/20	20/40	20/25	20/25	6	0%		
IC8 Pinhole	20/20	20/20	20/20	20/40	20/30	20/30	8	0%	Help	Help
Extended DOF	20/20	20/20	20/20	20/25	20/25	20/25	9	-21% -1dB	1+	11%
Diff Bifocal 2.5 D Add	20/20	20/20	20/20	20/20	20/20	20/20	8	-37% -2dB	2+	18%
Diff Trifoc 3.0 D Add	20/20	20/20	20/20	20/20	20/20	20/20	8	-37% -2dB	3+	18%

