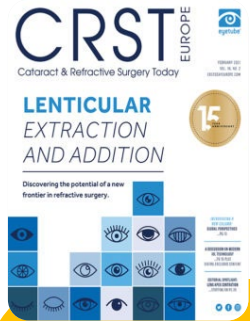


**A consensus
is needed...**



**A discussion on modern
IOL terminology**

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**Functional Classification
Of Multifocal IOLs**



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Manufacturer	Action Mechanism	Model	Addition	Material	Spherical Aberration
May 2023 Full Range of Focus (FRoF - Bifocal)					
J&J	Diffraction	Tecnis	2.75D, 3.25D, 4.00D	Hydrophobic	-0.27
Hanita Lenses	Diffraction	Full Range	3.0 D	Hydrophilic	N/A
Alcon	Diffraction	Restor	2.50 D	Hydrophobic	-0.20
Alcon	Diffraction	Restor	3.00D y 4.00D	Hydrophobic	-0.10
Biotech VC	Diffraction	Eyecryl™ ACTV	3.00D	Hydrophobic	-0.28
EyeOL UK	Diffraction	Eye DIFF Plus / HYDIFF	3.50D / 3.25 D	Hydrophobic - Hydrophilic	N/A
VSY	Diffraction	Reviol MF 613 /625 /611	3.75 D	Hydrophobic - Hydrophilic	N/A
Alsafit	Diffraction	AlsioL 3D VF	3.75 D	Hydrophobic - Hydrophilic	-0.09
Teleon Surg.	Refractive	M-Plus	2.00D y 3.00D	Hydrophilic	0.0
Teleon Surg.	Refractive	M-Plus X & Acunex VarioMax	3.00D	Hydrophilic	0.0
Lenstec	Refractive	SBL-3	3.00 D	Hydrophilic	NA
Rayner	Refractive	M-Flex	3.00D y 4.00D	Hydrophilic	0.0
HumanOptics	Diffraction	Diffraction Diff-aA	3.50D	Hydrophilic	NA
Ophtec	Refractive-CTF	Precizon Presbiopic	2.75D	Hydrophobic - Hydrophilic	-0.11
Cristalens	Diffraction Asymmetric	Artis Symbiose MID / PLUS	1.75 D / 3.75 D	Hydrophobic	-0.23
Full Range of Focus (FRoF - Trifocal)					
Medicontur	Diffraction-EPS	Liberty	3.50D (C) - 1.75D (I)	Hydrophobic - Hydrophilic	0.0
HumanOptics	Diffraction	Triva	3.50D (C) - 1.75D (I)	Hydrophilic	0.0
Biotech	Diffraction	Optiflex TRIO	3.50D (C) - 1.85D (I)	Hydrophobic	-0.28
EyeOL UK	Diffraction	TriDiff	3.50D (C) - 1.80D (I)	Hydrophilic	N/A
J&J	Diffraction-ChromAling	Synergy	3.50D (C)	Hydrophobic	N/A
OftalTech	Diffraction	TriPhobic HD	3.50D (C) - 1.80D (I)	Hydrophobic	-0.10
Hanita Lenses	Diffraction-Pentafocal	Hanita Intensity	3.00 D (C) - 1.50 D (I)	Hydrophilic	-0.13
AST, Inc	Diffraction	Asqelio TFLIO130C	3.30 (C) - 2.20 D (I)	Hydrophobic	-0.27
Alcon	Diffraction-Panfocal	PanOptix	3.25 (C) - 2.17D (I)	Hydrophobic	-0.10
Zeiss	Diffraction	AT Lisa tri 839	3.33D (C) - 1.66D (I)	Hydrophobic - Hydrophilic	-0.18
VSY	Diffraction-Sinusoidal	AcruvaUD Trinova / Pro C	3.0D (C) – 1.5D (I) / 3.6D (C) – 1.8D (I)	Hydrophobic - Hydrophilic	NA
Alsanza	Diffraction-Sinusoidal	Alsafit Fourier	3.55D (C) - 1.77D (I)	Hydrophobic - Hydrophilic	-0.09
Physiol	Diffraction	FineVision	3.50D (C) - 1.75D (I)	Hydrophobic - Hydrophilic	-0.11
Hoya	Diffraction	Vivonex Gemetric / Plus	3.50D (C) - 1.75D (I)	Hydrophobic	-
Rayner	Diffraction	RayOne Trifocal	3.50D (C) - 1.75D (I)	Hydrophilic	0.0
B+L	Diffraction	Versario 3F	3.00D (C) - 1.50D (I)	Hydrophobic - Hydrophilic	-0.16



Manufacturer	Action Mechanism	Model	Addition / ROV*	Material	Spherical Aberration
May 2023					
Extended Depth of Focus (EDOF)					
Zeiss	Diffractive-Chrom Correction	AT Lara	0.95D, 1.9D, 2.00 D*	Hydrophobic - Hydrophilic	0.0
Physiol	Diffractive-Chrom Correction	FineVision Triumpf	1.5 D, 2.50 D*	Hydrophobic	N/A
J&J	Diffractive-ChromAling	Symfony IOL	1.75 D, 2.00 D*	Hydrophobic	N/A
Sav-Iol	Diffractive	Harmony	1.00 to 2.00 D	Hydrophilic	N/A
Sav-Iol	Diffractive	Eden	3.00 D	Hydrophilic	N/A
Hanita Lenses	Diffractive	Hanita Active (Bifocal)	2.25 D	Hydrophilic	N/A
Acufocus	Small Aperture	IC-8	2.00 D*	Hydrophobic	N/A
Sav-Iol	Refractive	Lucidis EDOF	3.00 D, 3.75 D*	Hydrophilic	N/A
SIFI	Refractive-Neg. Z40 & Pos. Z60	Mini WELL / WELL FUSION	2.50 D* / 3.75 D*	Hydrophobic - Hydrophilic	N/A
Teleon Surg.	Refractive	Comfort & Acunex Vario	1.5 / 2.00 D*	Hydrophilic	N/A
IOL Expert	Refractive	Visiotis Progress +	2.00 D	Hydrophilic	N/A
Medicem	Refractive	WIOL-CF	2.00 D*	Hydrogel	N/A
B+L	Refractive	Crystalens	2.00 D*	Silicone Elastomer (Biosil)	0.0
Alcon	Refractive Wavefront Shipping	Vivity DFT015	2.00 D*	Hydrophobic	-0.20
Medicontur	Refractive Wavefront Linking	ELON	2.00 D*	Hydrophobic	0
B+L	Refractive-Neg. Z40 & Pos. Z60	LuxSmart	2.00 D*	Hydrophobic	N/A
Appasamy	Refractive	Suprphob Infocus	2.00 D*	Hydrophobic	N/A
Voptica	Refractive	Art IOL 25/40/55/70	2 / 2.5 / 2.5 / 3 D*	Hydrophobic	N/A
AST, Inc	Refractive	Asqelio SOFT ETLIO130C		Hydrophobic	-0.27
Enhanced Monofocals (Mono-EDOF)					
Cutting-Edge	Refractive	Synthesis+	1.75*	Hydrophilic	N/A
Ophthalmopro GmbH	Refractive-Negative Z40	zoe® EDoF (ZOE Primus-HD)	1.5	Hydrophobic	-0.20
Santen	Diffractive	xact ME4 & ME6	1.50* & 1.75*	Hydrophobic	N/A
Physiol	Refractive-Negative Z40	Isopure	1.50*	Hydrophobic	-0.11
J&J	Refractive-Negative Z40	Eyhance	1.50*	Hydrophobic	-0.27
Rayner	Refractive-Positive Z40	RayOne EMV	2.75* (Binocular)	Hydrophilic	N/A
Teleon Surg.	Refractive-Negative Z40	Acunex or Lentis QUANTUM	-	-	-
SIFI	Refractive-Neg. Z40 & Pos. Z60	EVOLUX	1.5*	Hydrophobic	N/A
Hoya	-	Vivinox Impress	-	-	-
Hanita Lenses	Refractive	Extend HP	-	Hydrophilic	N/A
Biotech	Refractive	Eyecryl SERT Ad. Mono.	1.5*	Hydrophobic	-0.28

*ROV: Position of the defocus curve at which the patient achieves an acceptable monocular visual acuity of 0.3 logMAR. For the binocular defocus curve, a correction of -0.1 logMAR

The classification is based on the interpretation of the Qvision R&E Department taking into account published optical bench measurements and clinical results of IOLs described in congresses, journals and magazines (for new technologies without optical or clinical measurements). The table is subject to change as clinical evidence grows.