



# FINEVISION TRIUMF

Trifocal EDOF Hydrophobic IOL

ELONGATED DEPTH OF FIELD

AT ALL DISTANCES

FINEVISION TRIUMF



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# FINE EDOF TECHNOLOGY

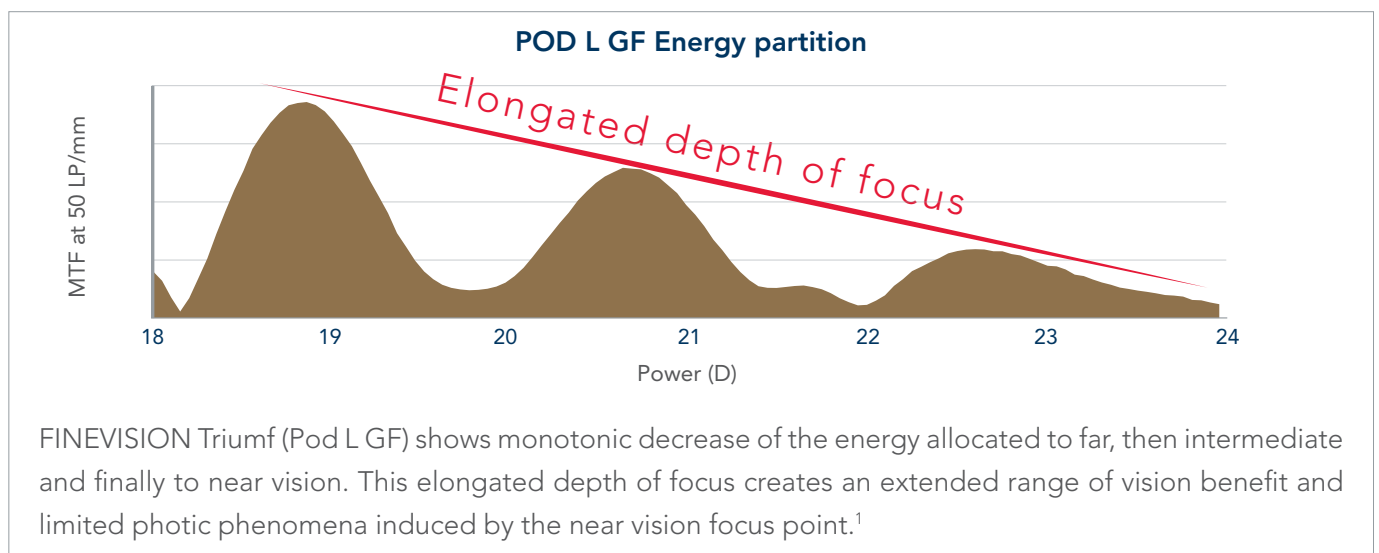
## FINEVISION Triumf, the first EDOF trifocal hydrophobic IOL\*

FINEVISION Triumf is an EDOF trifocal lens offering a unique elongated depth of focus covered by LCA correction, which provides quality of vision at all distances and reduces the risk of side effects like photic and negative dysphotopsia phenomena.

\* FINEVISION Triumf is patented pending.

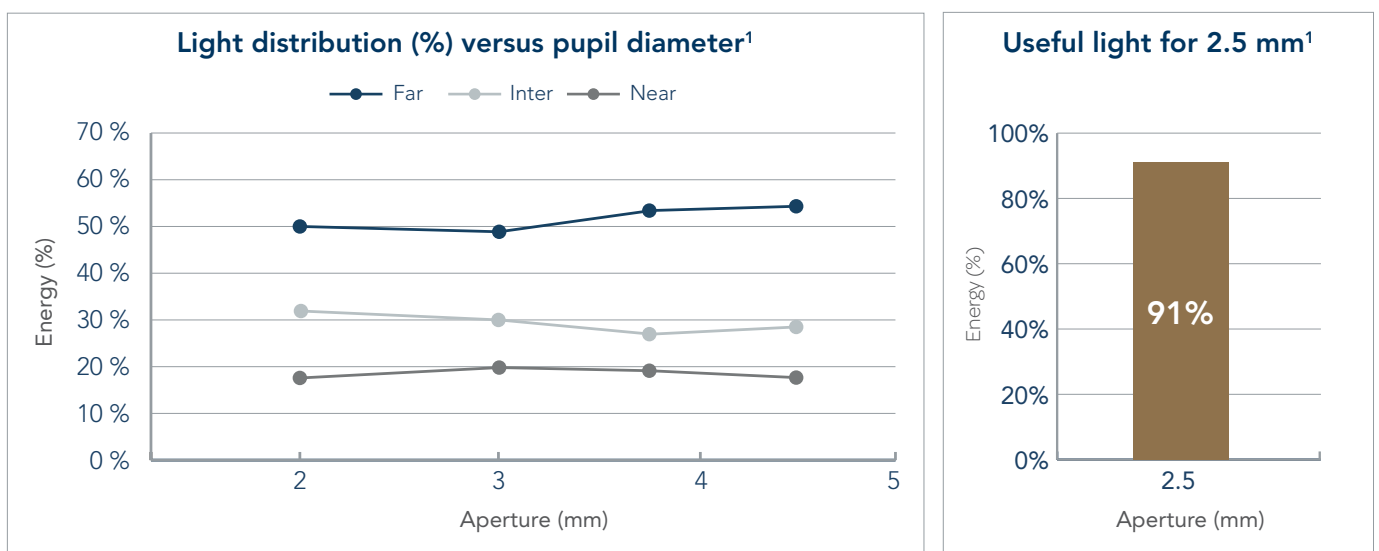
## FINE EDOF technology by PhysIOL

The modified energy distribution displays an elongated depth of focus creating a smooth transition of the energy over all distances and offering a "physiological" energy distribution with vision at all distances.



## Light transmission

FINEVISION Triumf ensures maximum light transfer thanks to its unique elongated depth of focus.



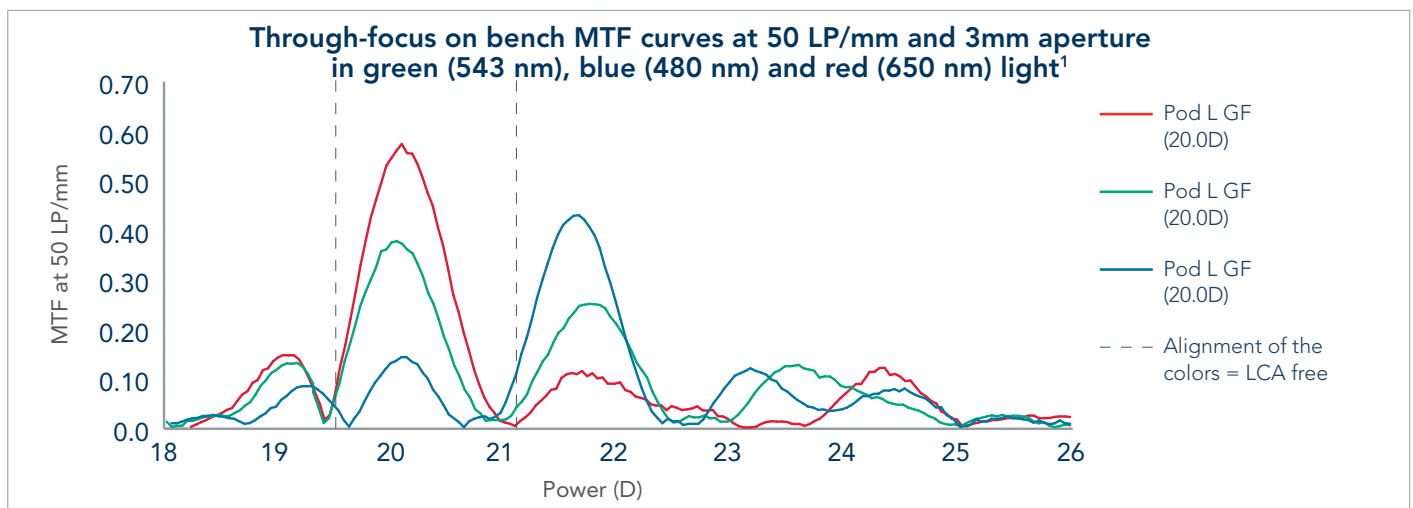
# When visual quality joins visual acuity

## LCA technology

Longitudinal chromatic aberration (LCA) would be clinically deleterious for contrast sensitivity under white light conditions as object edges appear irised. The reduction of LCA can be beneficial for the quality of vision providing patients enhanced image quality across a wide and extended range of focus points. The FINE EDOF technology provides patients with high contrast sensitivity for intermediate and far vision in addition to good near vision with very minimal changes of the three visions under mesopic conditions.<sup>1</sup>

### What do the studies say?

"Results show that for most human eyes, the impact of chromatic aberration on vision is much stronger than that of higher-order aberrations..."<sup>2</sup>

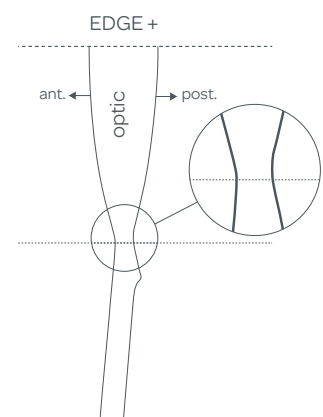


### What do the studies say?

In a study of 250 consecutive patients who underwent cataract surgery with a single-piece acrylic hydrophobic IOL, Osher reported that 15.2% experienced negative dysphotopsias on postoperative day 1, decreasing to 3.2% at 1 year and 2.4% at 2 to 3 years.<sup>3</sup>

### Edge+: negative dysphotopsia reduction

The FINEVISION Triumf features the new Edge+ technology characterized by a concave edge onto the back optic periphery that reduces the risk of negative dysphotopsia.



### 9 years proven technologies


- Double C-loop design offering easy maneuverability and perfect stability.
- G-free® (GFY) hydrophobic material patented by PhysIOL.
- RidgeTech® reducing the risk of stickiness between the haptics and the optic.

<sup>1</sup> Data on file with PhysIOL. | <sup>2</sup> Zhai Y, Wang Y, Wang Z, et al.: Construction of special eye models for investigation of chromatic and higher-order aberrations of eyes. Biomed Mater Eng 2014; 24(6):3073–3081. | <sup>3</sup> Osher RH.: Negative dysphotopsia: long-term study and possible explanation for transient symptoms. J Cataract Refract Surg. 2008;34(10):1699-1707.

# FINEVISION TRIUMF



## Description

Model	POD L GF	
Material	GFY Hydrophobic Acrylic <sup>1</sup> 	
LCA	Chromatic Aberration-corrected <sup>2</sup>	
Overall diameter	11.40mm	
Optic diameter	6.00mm	
Optic	Biconvex Aspheric Trifocal	
Haptic design	Double C-loop with Ridgetech® & Posterior Angulated Haptic	
Filtration	UV & Blue Light	
Refractive index	1.53	
Abbe number	42	
Additional power (IOL plane)	+1.75D & +3.50D	
Injection system	Medicel Accuject 2.0 up to 24.5D - Medicel Accuject 2.1/2.2 up to 35D	
Spherical power	+10D to +35D (0.5D steps)	
Suggested A constant <sup>3</sup>		Interferometry
	Hoffer Q: pACD	5.85
	Holladay 1: Sf	2.06
	Barrett: LF	2.09
	SRK/T: A	119.40
	Haigis <sup>4</sup> : a0; a1; a2	1.70; 0.4; 0.1

<sup>1</sup> The PhysIOL GFY® is patented since 2010. | <sup>2</sup> For far and intermediate vision. | <sup>3</sup> Values estimated only; surgeons are recommended to personalize their A-constant based on their surgical techniques and equipment, experience with the lens model and postoperative results. | <sup>4</sup> Not optimized. | TDS FINEVISION TRIUMF 590631-02

### Contact Information:

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