PANOPTIX
Trifocal IOL

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Financial Disclosure

- ALCON Consultant
- ZIEMER Consultant

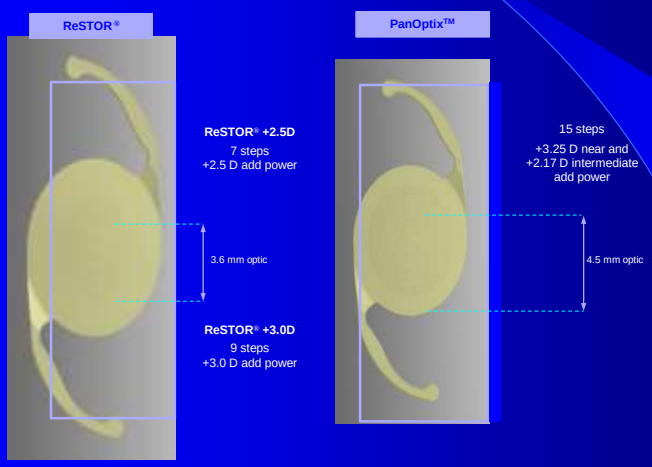
PANOPTIX

- Trifocal IOL
- Hydrophobic acrylic

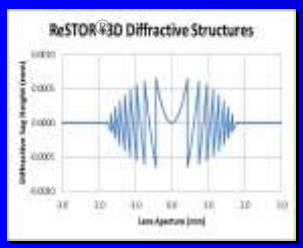
Non-apodized multifocal

- Less pupil dependant

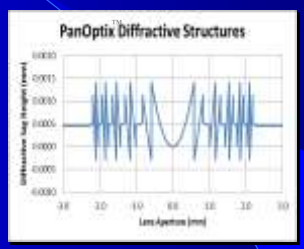
AcrySof® IQ ReSTOR® versus PanOptix™



Optic Design Differences: ReSTOR® +3.0 and PanOptix™

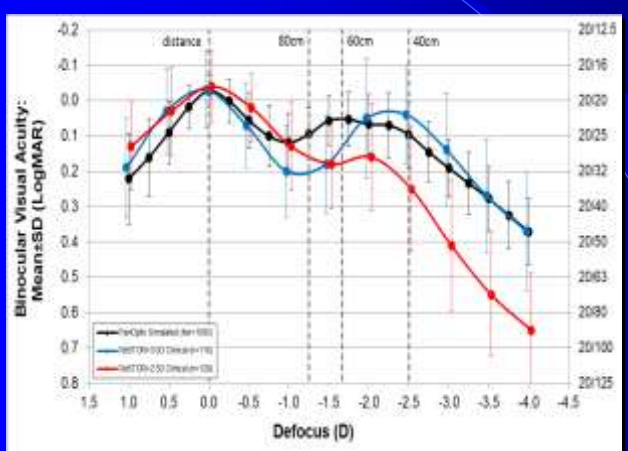


- Apodized diffractive multifocal
- 0.856mm central diffractive zone
- Sends energy to two focal points in small pupil conditions
- In large pupil, majority of energy is sent to distance



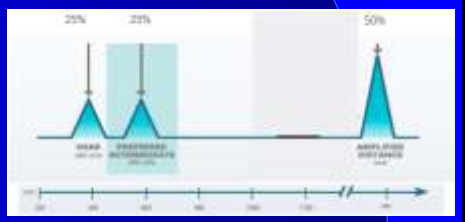
- Non-apodized diffractive multifocal
- 1.164mm central diffractive zone
- Sends energy to three focal points in small and large pupil conditions
- Breakthrough diffractive approach allows a good range of vision independent of pupil size

Redistribution of Energy Improves Vision in Intermediate Range



Intermediate Vision

- Bifocal
- Classical Trifocal
- Panoptix

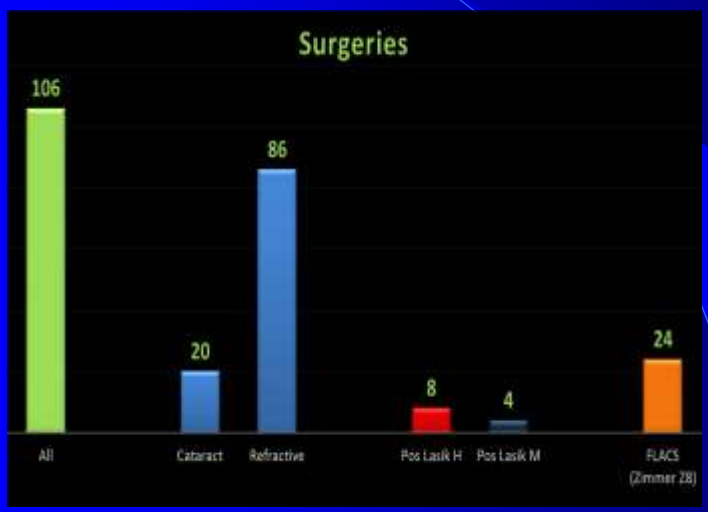


Competitive Trifocal IOL Landscape

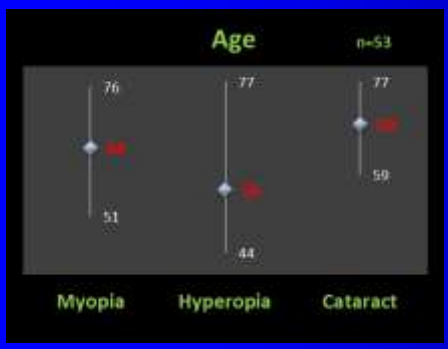
	ALCON®	ZEISS®	PhysIOL®
Competing Lens	AcrySof® IQ PanOptix™ IOL	AT LISA Tri 839MP IOL	FineVision IOL
Material	Hydrophobic Acrylic	Hydrophilic Acrylic	Hydrophilic Acrylic
Optic Technology	Non-apodized Diffractive	Non-apodized Diffractive	Apodized Diffractive
Diffractive Region	4.5 mm	6.0 mm	6.0 mm
Intermediate Focal Point	60 cm	80 cm	80 cm
Toric Availability	X	✓	✓
Pre-loaded Availability	X	✓	X
Light Utilization	88%	85.7%	86%

Panoptix animation

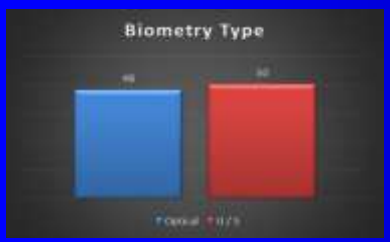
Experience with Panoptix

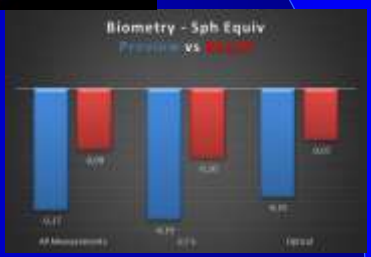


Demographic Data

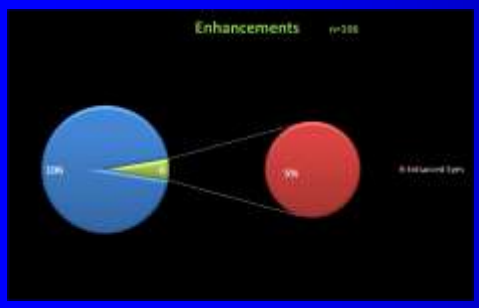


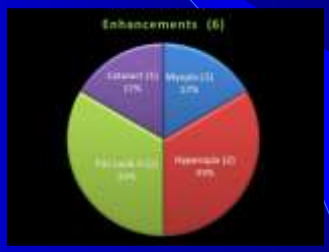
Refractive Results and Biometry



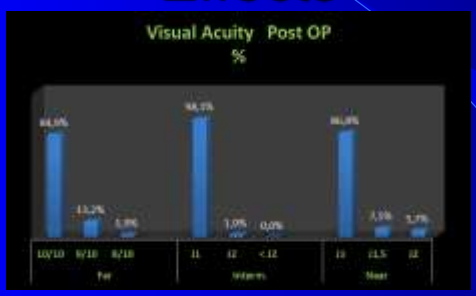


Refractive Enhancements (Lasik, PRK)





Visual Results and Side-Effects



Conclusions

- Excellent far, intermediate and near uncorrected vision
- High rate (90%) of independance of glasses
- Few and not disturbing photic phenomena
- Biometry should aim between 0 and –0.25