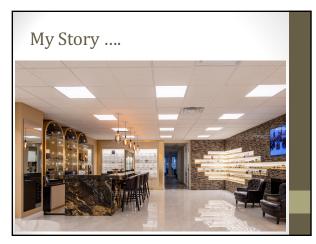
Maximizing Success with soft Multifocal Contact Lens Fitting

Dr. Shalu Pal, OD, FAAO, FSLS, FBCLA

Global Myopia Symposium Council Member Mastering Myopia Newsletter Editor Canadian Contact Lens Academy – Founder Past AOA Contact Lens & Cornea Section Chair Private Practice – Toronto, Canada

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Common Complaints

- My eyes keep changing and when will it stop?
- I should have never started wearing readers my vision loss is your fault.
- I don't want progressives my friends say they don't
- I'm so mad why do I have to buy a new pair of progressives every year.
- Why do multifocal lens take so long to fit and why do I have to pay a fitting fee?
- Why do I not have crisp vision at any range?
- When will all this change stop?
- Am I going to go blind?



COMMUNICATION

Explaining Presbyopia - A Novel Approach

OLD Words

- You are getting old
- Theories to explain Presbyopia
 - ▶ Lens hardening
- Ciliary muscle weakness



THE SYSTEM OF 10

- 2.50 D of change over the course of 30 years
- ❖ 0.25 steps = 10 steps of change
- A reservoir of energy that we lose over time
- Accommodative system under stress
- Start at an early age to discuss b/c of Digital Devices

The New Age of Presbyope

They are young
Active – work, hobbies, learning and social
Want to have fun
Want to take care of their health
Have the income to do so
Play sports (helmets/goggles)
Influencers – they have friends and kids

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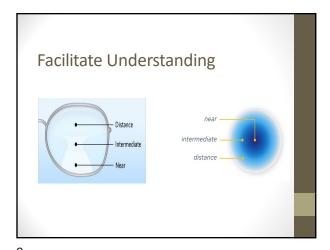


Presbyopic Patient with +1.00 Add

Presbyopic Patient -+1.00 Add

4 units of energy Lost – 6 natural units remaining
Running on 60% only
I need to give them 4 units of magnification
Better to be at 100% than only running on 60%

Why it's helpful
Patients can track and follow their own process
Better understanding & compliance
for more steps of change to go
Early start and entry into MFs and Progressives



Simultaneous Vision

Available in Soft and GP lenses

Aspheric, concentric and hybrid designs

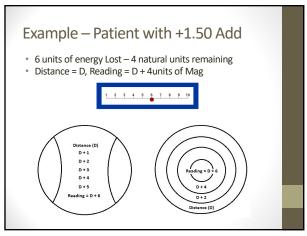
Multiple prescriptions are presented to the visual system

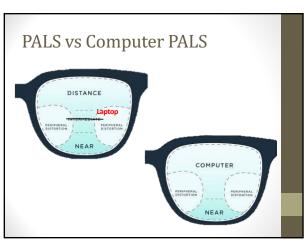
Multiple images at different ranges are seen by the visual system

The visual system chooses which image range to focus on

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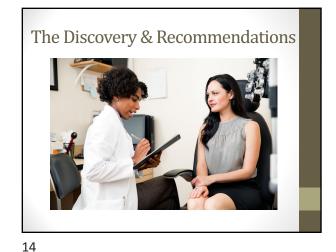
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Increased understanding Increases compliance & Decreases frustration & Increases purchasing

How do we reach this goal:

- Your Exam is your Discovery
- Mutually Agree on Plan

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Explaining Spectacle Options



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- Progressives, Anti-Fatigue, computer progressives
- Coatings all included
 Don't upsell
- Trial Frame
- Simulate a work environment
- Test distance, computer and near rx
- Allow for questions

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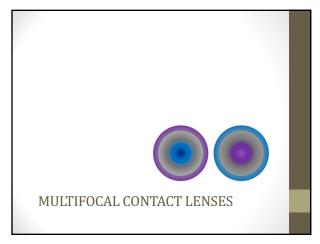


Contact Lens Drop Out

24%
Vision
Problems

• Two Parts of the relationship
• Cornea - Check it
• Contact Lens
• Both Important / Drops Daily

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Benefits of Multifocal Contact Lenses

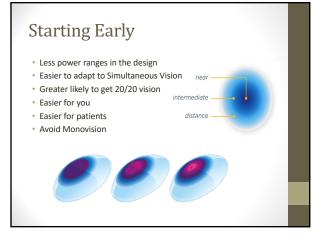
Patient Benefits
Cosmetics benefits
Freedom from glasses – hands free
Provide a youthful feeling
Satisfying a need and want

Functionality
All ranges of vision
Peripheral vision
Ability to multi-task

Practice benefits
Improve retention & referrals

Differentiate your services **

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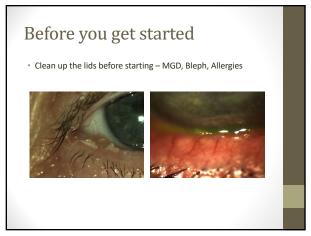


Problems with Monovision

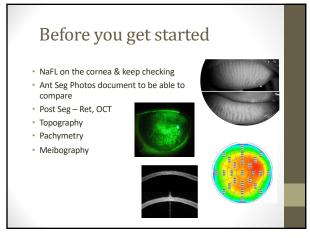
Many patients are not successful
Halos and glare
Night driving safety concerns
Limited intermediate range
Decreased contrast sensitivity
Limited depth perception
No binocular vision
Hard to switch to multifocal lenses

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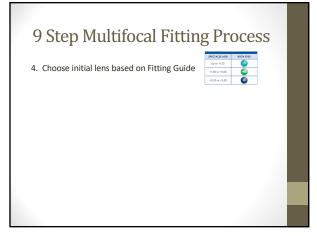


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9 Step Multifocal Fitting Process

8. Trouble Shooting
Previous steps done correctly?
Binocular Distance Over Refraction +/- 0.25 (Push +)
Fitting Guides
Monocular VA's
Consultation
Phone a friend

Dispensing Tips

9. At the follow up
Repeat the troubleshooting steps
Stop if happy

30 31



Fitting Soft Toric MFs

In the past
Fit with toric lens first
Troubleshoot
Assessed stability
The paid round of Fitting with a toric MF
No Fitting guides – Trial and error

Current
Jump right in
Use a fitting guide to modify
They work so well
Patient who need them - have been waiting – low expectations

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Modified Monovision • Going Rogue • No rules • Combos • Two MFs • One SV lens One MF • One SV lens one Toric MF • One Toric Lens One MF • One Toric Lens One MF • One Toric Lens One MF • Monocular VAs are looked at • More educated Trial and Error

Soft Multifocal Fitting Tips

Fitting guides to choose lenses & to troubleshoot

Set realistic expectations

Adaptation is mandatory

Lights on

Use real world tasks to test

Binocular Distance Over Refraction

Loose Lenses – No Phoropters

Monocular VA

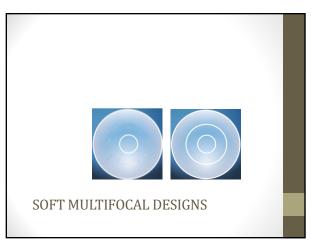
Modified Mono

Make one change at a time

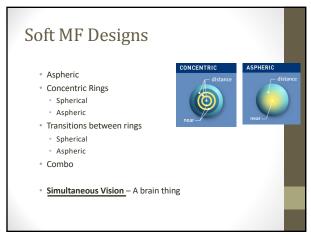
If vision is good let them go

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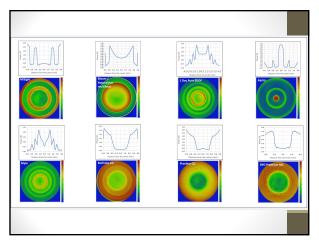
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Understanding Designs

- A study performed by Dr. Eef van der Worp & Giancarlo Montani (1st place winner at GSLS)
- Looked at the power profile of Soft MF lenses
 - Specifically on Myopia Management Lens Designs
- The optical radial power profiles were measured using the NIMOEVO optical lens analyzer

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Why didn't it work?

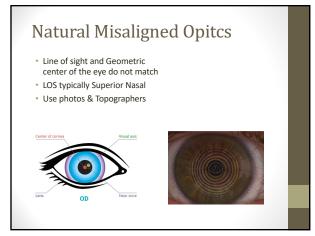
- 96% Success if you use the fitting guide
- Design of the lens not working for the patient
- Simultaneous vision non adapt
- Poor fit too steep or flat eye
- Defective Lens
- Pupil Size

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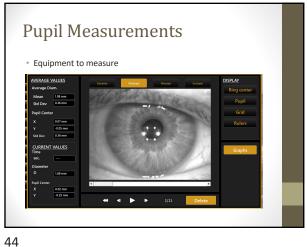
- Pupil Decentration
- Residual Astigmatism



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Measuring Misalignments • Equipment – OVITZ, MYAH

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Topography Evaluate topography of the cornea Take a second topography over the multifocal lens · Take both images and view the difference Мар Photo Curtesy of Dr. Susan Resnik 2021. Opt Man Higher Order Aberration Optics • Many methods to measure HOA – iTrace, OPD, OVITZ, Pentacam Talking about it forever – since custom lasik Calculate the aberrations in each layer of the ocular system · Front surface of the cornea Back surface of the cornea (KCN) Aberrations of the Lens Interlayer misalignments

46 47

Incorporating HOA analysis When vision doesn't make sense A lot of astigmatism • KCN or irregular corneal astigmatism Just for fun

OD Barriers & Strategies to Overcome Stigma that they don't work Use the fitting guide to prove this wrong Start Early for greater VA success Too much Chair • The Discovery/Recommendation Method · Set realistic expectations · Use the fitting guide to prove this wrong • Phone follow Ups by Staff to reduce chair time • If a problem exists - come in • If no issues order lenses Reduce Glasses sales Glasses first – CL's second – BOTH – NO CHOICE

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Dr. Shalu Pal

shalupal@hotmail.com