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- Joe Bruneni Award in Optics, Association of Schools Colleges of Optometry
- Beverly Meyers Achievement Award in Ophthalmic Optics

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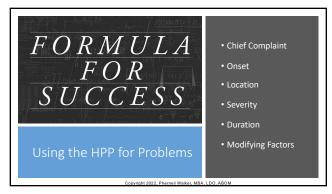
Contact Information

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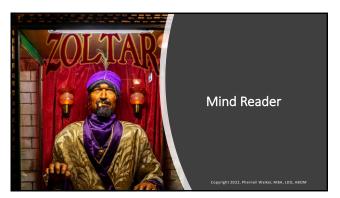
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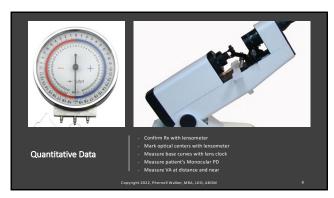


Make Time

- Schedule Rx check as a regular appointment
- · Be positive, concerned, apologetic
- · Sit down, listen
- · Have patient bring their old glasses
- · Consider over refraction

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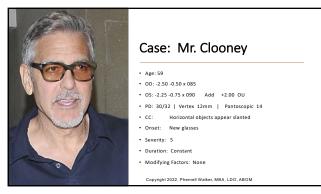


Refraction Issues

- · Poor refraction
- Changing distance changes add
- power • 50/50/15 rule
- Poor binocular balancing
- Poor handwriting, transcription errorDiabetic with fluctuating blood sugar
- Contact lens wearer with corneal edema
- Unrealistic expectations

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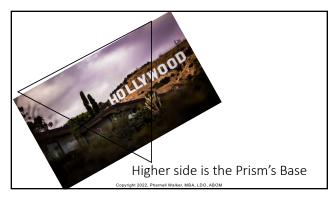






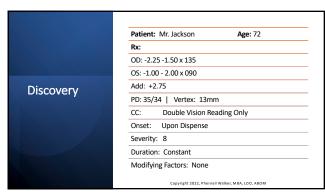
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Slab-off - the use of prism in the reading portion of a lens to balance unequal prism in the 090th meridian between the OD and OS lenses.

Slab-off Methods:

- Traditional Slab-off
- Reverse Slab-off

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Iradii	tional Slab-off
Imbalance =	> 1.50 D x 090 th Meridian
Lens Selection =	Weakest Plus Power
Lens Selection =	Stronger Minus Power
Ground (Surfaced) =	Base Up Prism x 090 th Meridian

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erse Slab-off
> 1.50 D x 090 th Meridian
Strongest Plus Power
Weaker Minus Power
Base Down Prism x 090 th Meridian
_

Solution Mr. Jackson	
How much slab-off should you prescribe?	
OD: -2.25 -1.50 x 135	
OS: -1.00 - 2.00 x 090 Add: +2.50 OU	
Ft. 28	

Ft. 28 PD: 35/34

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Slab-off Made Easy

Calculate the dioptric power in the 090th meridian of each lens

De = S + [C (sine a)2]

Calculate the amount of prism 10 mm (reading level - FT 28) or 8 mm (reading level - FT 35) below the distance optical center per lens

P = (1 cm) (D_e)

The dioptric difference between each lens is the amount of prism required

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Calculate Slaboff Ft. 28

- Calculate the dioptric power in the 090th meridian of each lens
- Calculate the amount of prism use 1 cm (10 mm)
- The dioptric difference between each lens is the amount of prism required

OD: -2.25 -1.50 x 135 OS: -1.00 - 2.00 x 090 Add: +2.50, Ft. 28

OD: -3.00 | OS: -1.00 (3) (1.0) | (1) (1.0) OD: 3D | OS: 1D 3 - 1 = 2

OD = 2 Diopters, BU

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Calculate Slabooff

Calculate Slabooff

Ft. 35

Calculate the dioptric power in the 090th meridian of each lens off

Ft. 35

Calculate the amount of prism use. 8 cm (8 mm)

The dioptric difference between each lens is the amount of prism required

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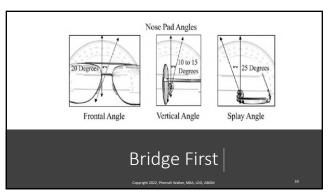
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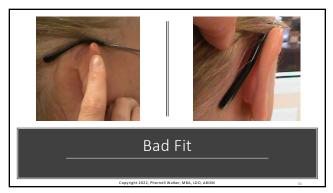






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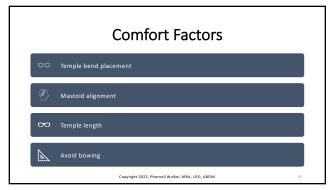






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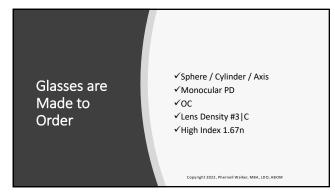


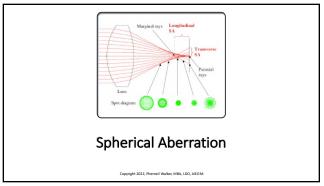




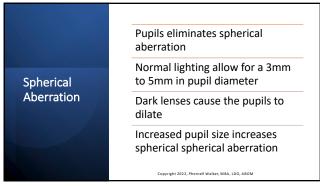
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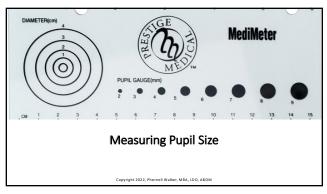




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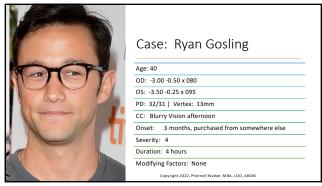




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Blurry Vision in Afternoon

Morning Rx: OD: -3.00 -0.50 x 080 OS: -3.50 -0.25 x 095

OS: -3.50 -0.25 x 095 Afternoon Rx:

OD: -3.75 -0.50 x 080 OS: -4.00 -0.25 x 095

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Diabetes Type II A1C (aka: HbA1C) - measures amount of hemoglobin blood sugar over a time period of 2 to 3 months.

Blood Sugar - monitoring blood sugar is essential.

- Blood sugar values show how well your diabetes is managed
- Target range:
- Before meals: 80 to 130
- Two hours after the start of a meal: < 180

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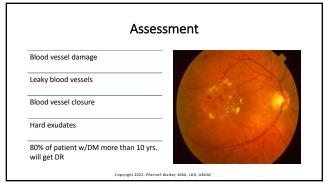
Threats to Diabetic Eye Health

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Blurry Vision with New Soft Toric Contacts

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CC: Blurry Vision

Location: Distance Vision

Onset: New Contacts

Severity: 6

Duration: Constant

Mod. Fac: None

Blurry Vision with New Soft Toric Contacts

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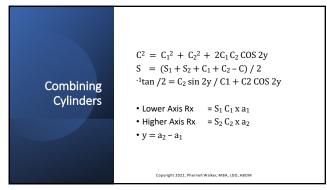
Soft Toric Contact Lenses

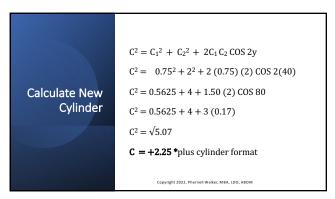
Presenting Rx

SCOR

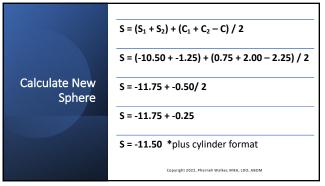
- Cyl: -8.50 -2.00 x 180 +Cyl: -10.50+2.00 x 090 - CYL: -0.50 -0.75 x 140 + Cyl: -1.25 +0.75 x 050

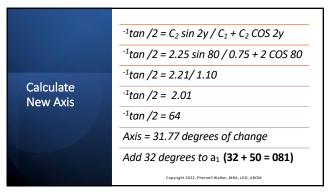
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