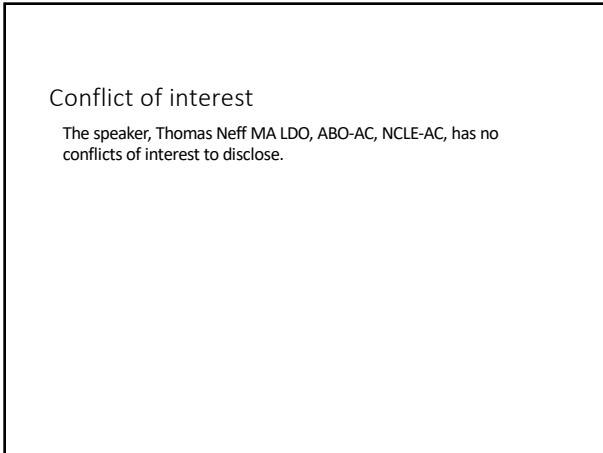
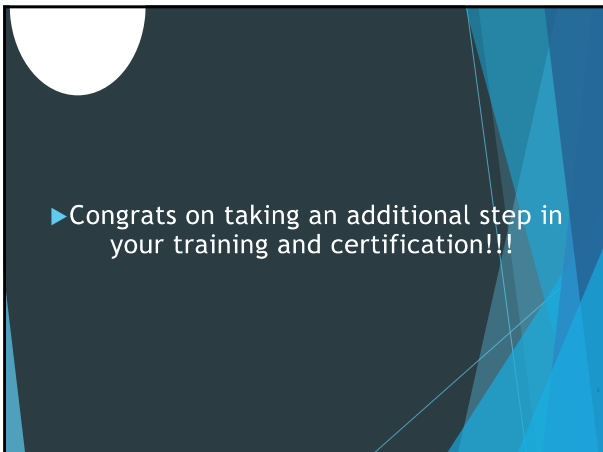


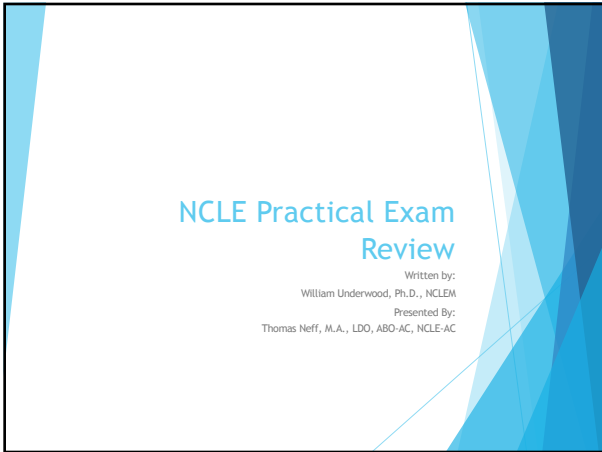
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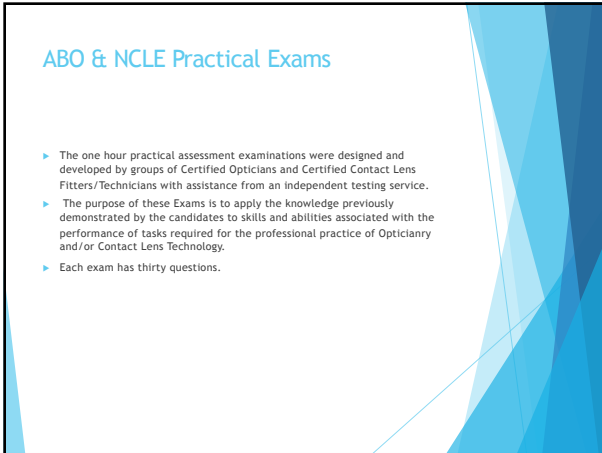
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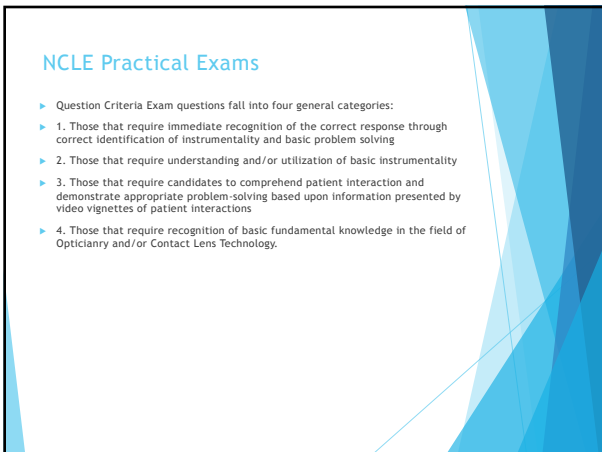
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6

ABO & NCLE Practical Exams

- ▶ ABO & NCLE provides a fully-interactive ABO & NCLE Tutorial and Practice Exam Question Area.
- ▶ You can learn about the types of virtual reality questions available on the ABO-NCLE Practical Examinations and how to utilize the Lens Meter, Slit Lamp, and many other on-line virtual instruments utilized on the ABO & NCLE Practical Examinations.
- ▶ https://www.abo-ncle.org/ABO/Exam_Information/Practical_Exams/Practical_Exam_Tutorial/ABO/Practical_Exam/Practical_Exam_Tutorial.aspx?hkey=b53962d8-5427-4cf4-9cd7-2074c6c91d9c

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ABO & NCLE Practical Exams

- ▶ ABO & NCLE provides a Practical Slideshow to allow candidates to understand the functionality and type of questions for each item within the ABO and NCLE Practical Examinations.
- ▶ <https://www.slideshare.net/JamesMorris153/abo-ncle-practical-exam-slideshow-tutorial>

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Exam Costs

- ▶ Current cost for the ABO & NCLE Practical Exams is \$75.00 per exam or a total of \$150.00

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NCLE Practical: Keratometry

Keratometry Practice

Determine the K Reading for this patient's right eye.

1. Set occluder
2. Focus eyepiece
3. Level keratometer with respect to outer canthus.
4. Align keratometer with center of cornea.
5. Focus the mires, and refine level and alignment as needed.
6. Find K reading, using axis scale and measuring drums.




Select the "next" arrow to begin.

Back Next

10

NCLE Practical: Keratometry

Adjusting the Eyepiece



Rotating Grip

Horizontal Drum

Vertical Drum

Focus Knob

Top View

Transparent View

MINI


SCREEN ACT

11

NCLE Practical: Keratometry

Practice Adjusting the Eyepiece

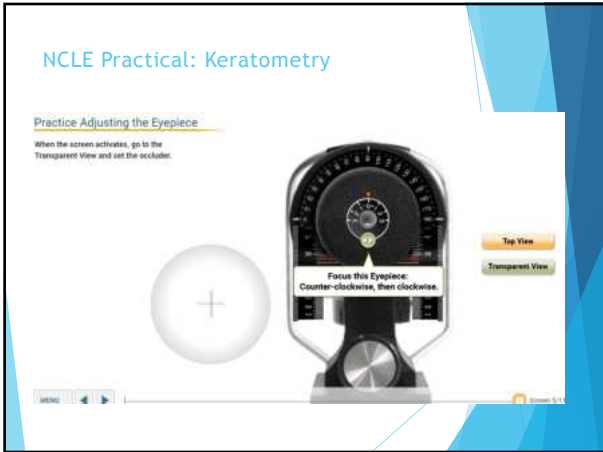
When the screen activates, go to the Transparent View and set the occluder.



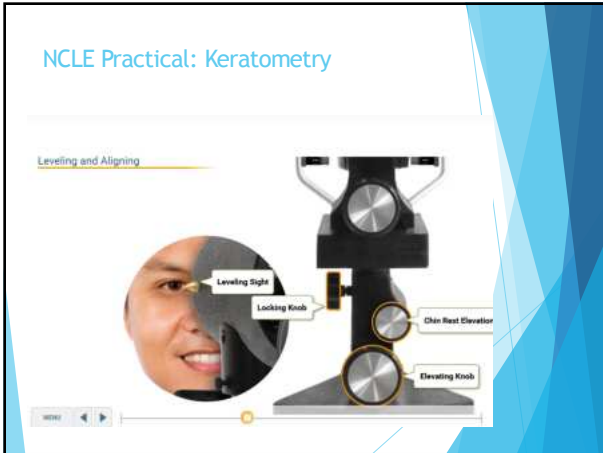
Top View

Transparent View

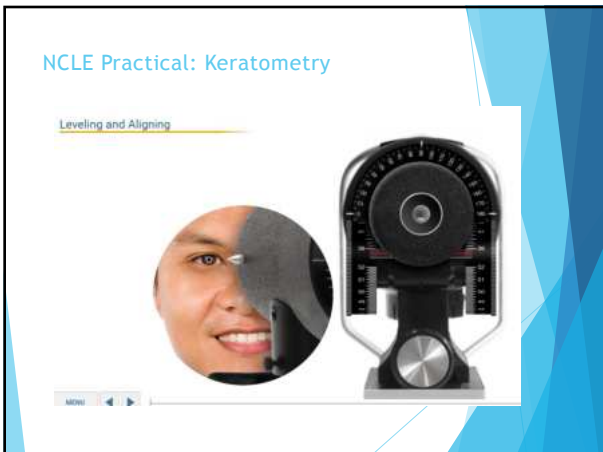
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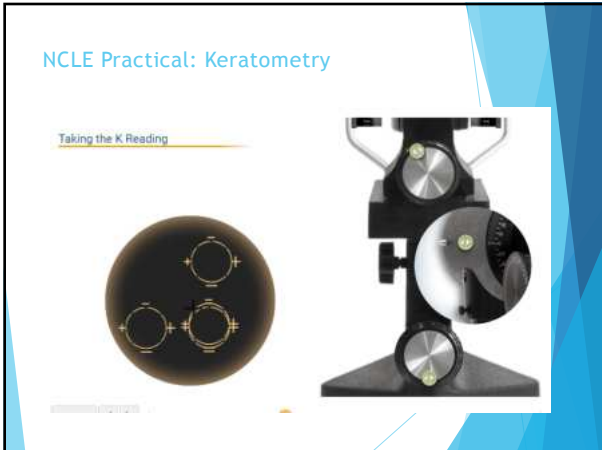
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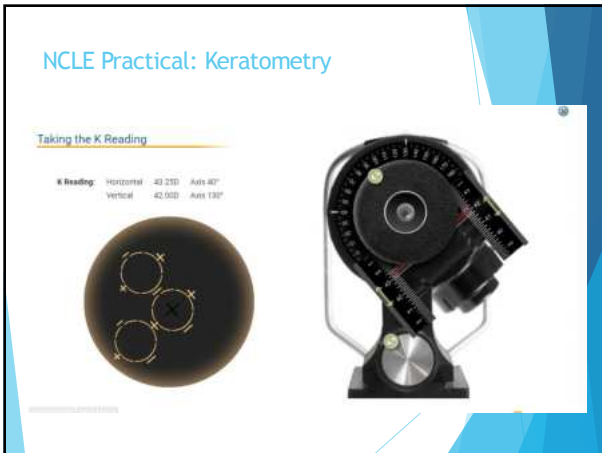
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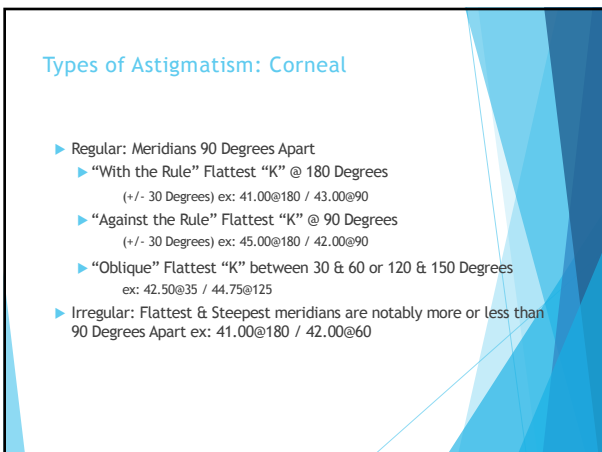
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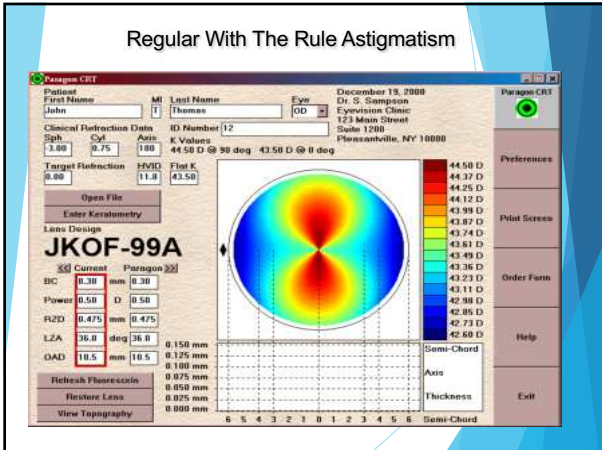


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Regular With The Rule Astigmatism



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Slit Lamp Operation



20

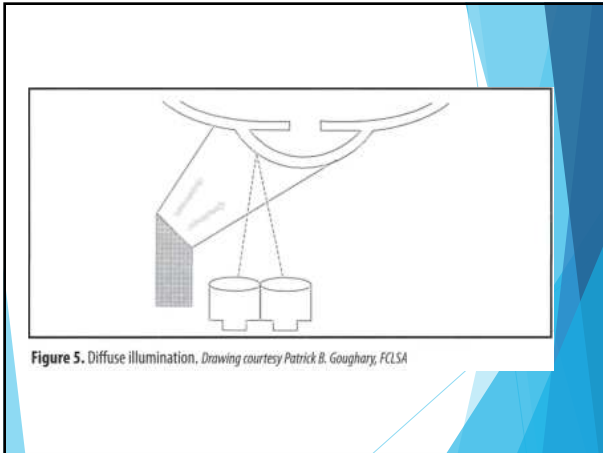
Slit Lamp Evaluation

- ▶ Diffuse: General Observations, Lens Evaluation
- ▶ Direct Focal:
 - ▶ Parallelpiped: Edema, Vertical Striae, Opacities, Vascularization, Precorneal Film Debris, Abrasions, Staining, Endothelium Pigment Deposits, Foreign Bodies.
 - ▶ Optic Section: Layers of cornea, Thickness of cornea, Depth of abrasion or imbedded foreign body
- ▶ Retro: Microcysts, Neovascularization
- ▶ Specular Reflection: Endothelial Changes.
- ▶ Sclerotic Scatter: Edema, Opacities

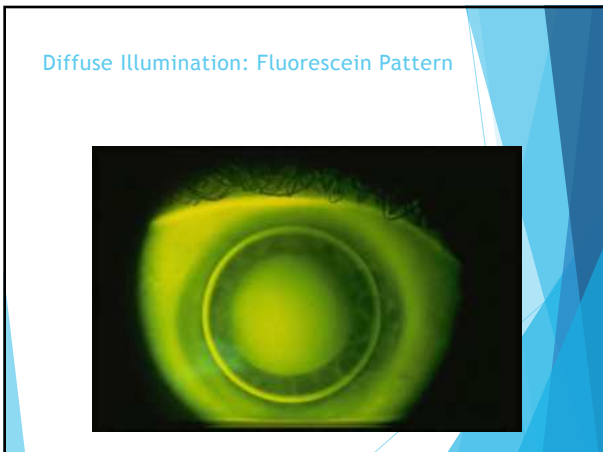
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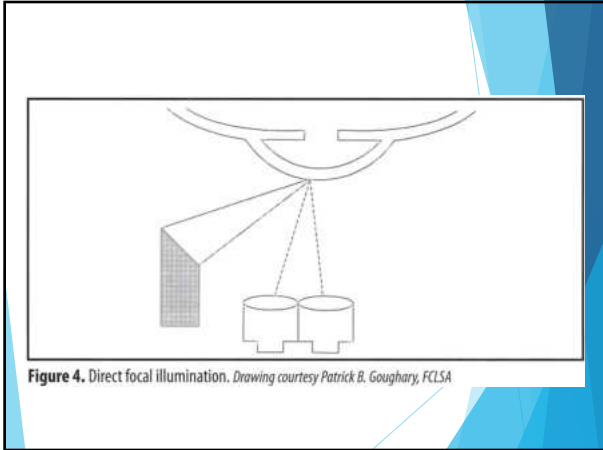
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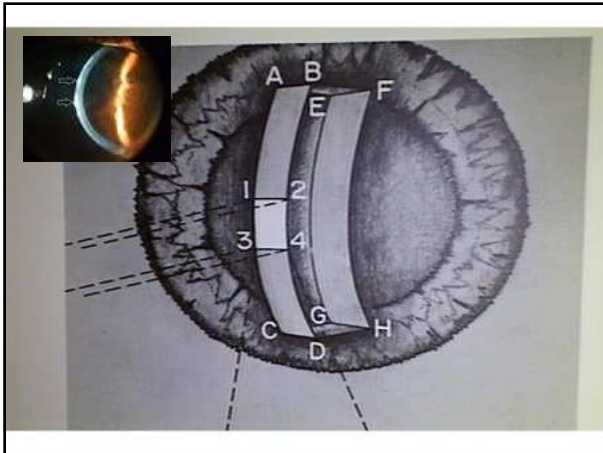
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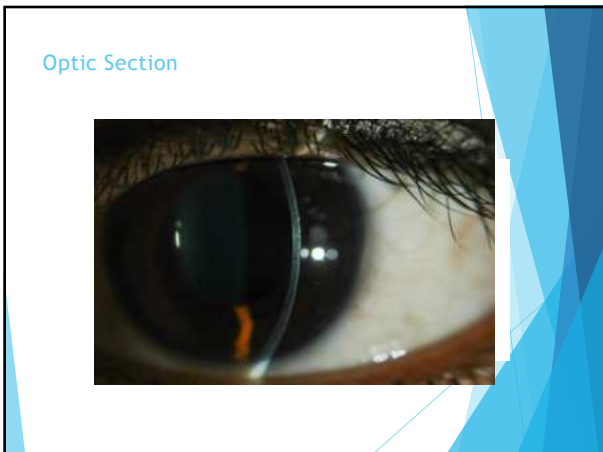
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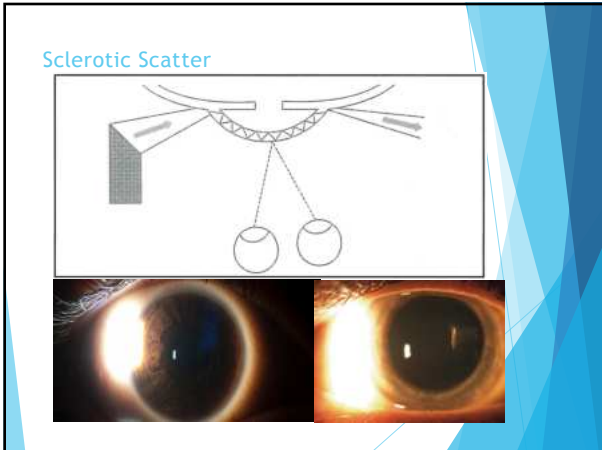
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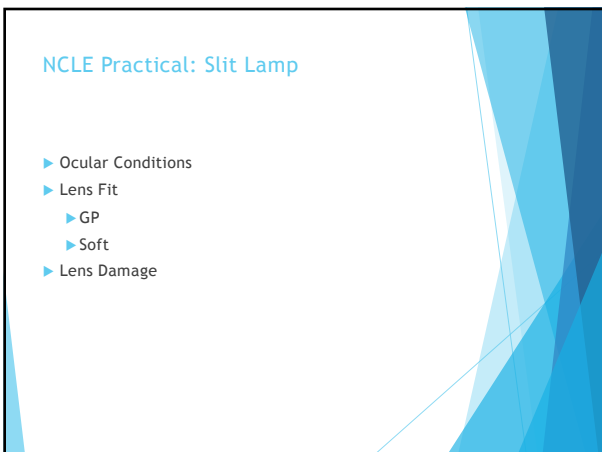
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Ocular Conditions: Lid Margins

- ▶ Blepharitis
- ▶ Plugged meibomian glands
- ▶ Trichiasis
- ▶ Lacrimal lake quantity and quality

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Ocular Conditions: Conjunctiva

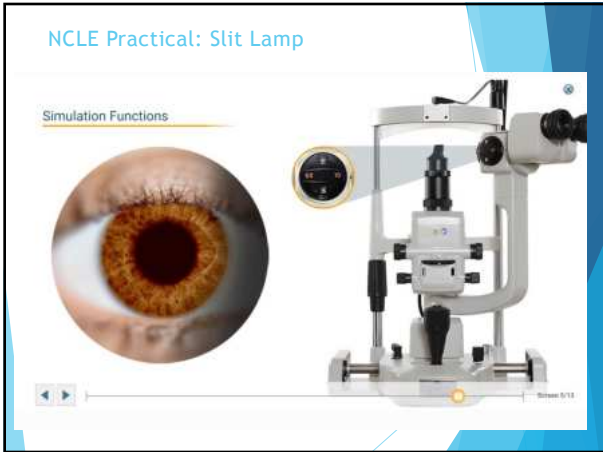
- ▶ Palpebral:
 - ▶ Injection, Conjunctivitis, Concretions, Cysts, Papillae, Follicle
- ▶ Bulbar:
 - ▶ Pingueculas, Pterygium, Cysts, Dry or Pigmented Areas, Injection

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Ocular Conditions: Cornea

- ▶ Direct Focal:
 - ▶ Parallelepiped: Edema, Vertical Striae, Opacities, Vascularization, Precorneal Film Debris, Abrasions, Staining, Endothelium Pigment Deposits, Foreign Bodies.
 - ▶ Optic Section: Layers of cornea, Thickness of cornea, Depth of abrasion or imbedded foreign body
- ▶ Retro: Microcysts, Neovascularization
- ▶ Specular Reflection: Endothelial Changes.

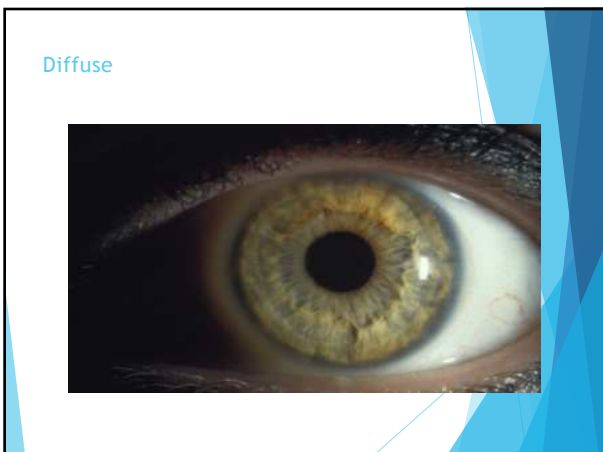
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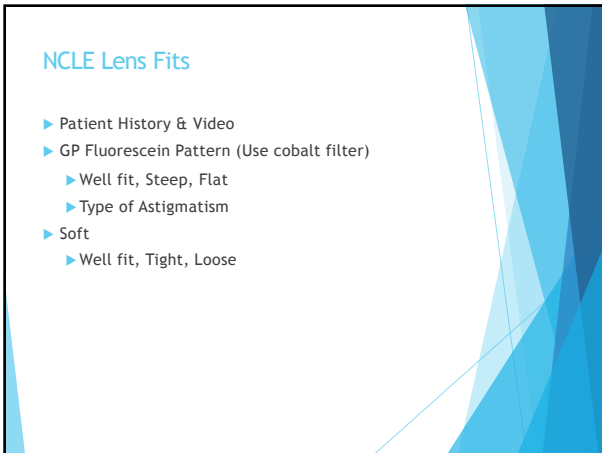
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NCLE Soft Lens Fit

Simulation
Examine whether the lens is well fit, too loose or too tight.



Select the description that best describes the fit of the lens you observed.
Then submit your answer.

- Well fit
- Too loose
- Too tight

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NCLE GP Fit, Type of Astigmatism

Simulation
Assess the patient for the presence of astigmatism, and if present, identify the type of axis.



Select one of the following conditions, depending on what you observed in the GP Lens assessment.
Then submit your answer.

- The eye fit a spherical contact.
- The eye has only the corneal astigmatism.
- The eye has against-the-rule astigmatism.

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NCLE: Lens Damage

- ▶ Deposits
- ▶ Damage

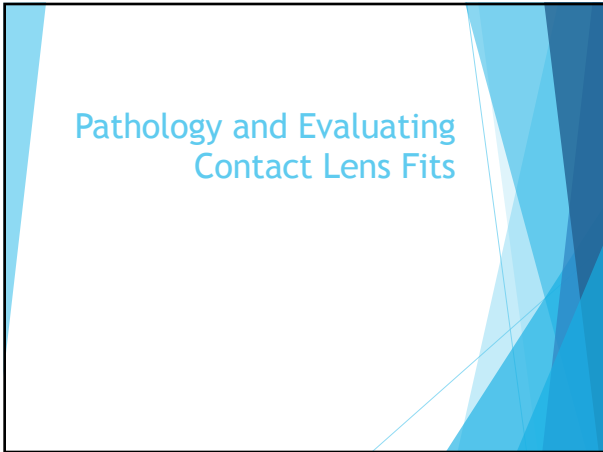
Simulation
Identify whether lens deposits or lens damage are present.



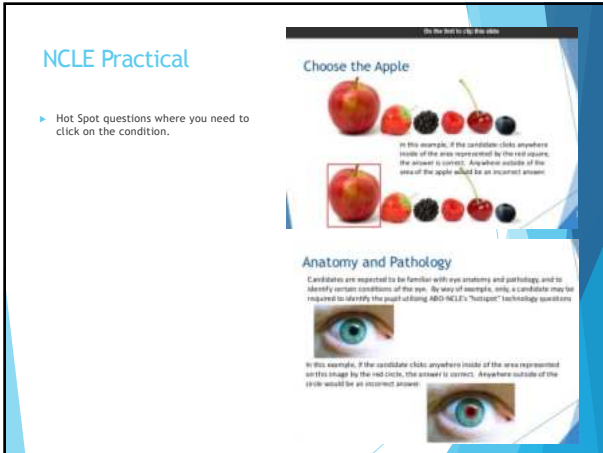
Select one or more of the following conditions, according to what you observed in the GP Lens.
Then submit your answer(s).

- Lens deposits
- Lens damage
- Lens deposits and lens damage
- No deposits, damage or signs of

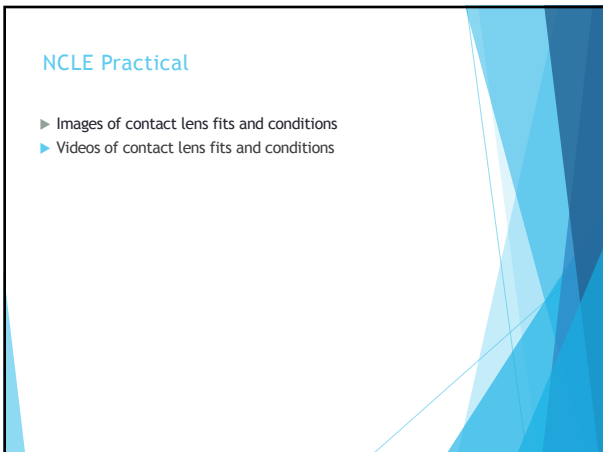
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GPLI.info Fitting & Problem Solving

- ▶ <http://www.gpli.info/20-fitceval-prob-solve/>

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Healthy Eye



51

Pathology: Ocular Conditions

- ▶ Lids
- ▶ Conjunctiva
- ▶ Cornea



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