NCLE PRACTICAL EXAM REVIEW

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ABO & NCLE Practical Exams

- The one hour practical assessment examinations were designed and developed by groups of Certified Opticians and Certified Contact Lens Fitters/Technicians with assistance from an independent testing service.
- The purpose of these Exams is to apply the knowledge previously demonstrated by the candidates to skills and abilities associated with the performance of tasks required for the professional practice of Opticianry and/or Contact Lens Technology.
- · Each exam has thirty questions.

ABO & NCLE Practical Exams

- Question Criteria Exam questions fall into four general categories:
- 1. Those that require immediate recognition of the correct response through correct identification of instrumentality and basic problem solving
- 2. Those that require understanding and/or utilization of basic instrumentality
- 3. Those that require candidates to comprehend patient interaction and demonstrate appropriate problem-solving based upon information presented by video vignettes of patient interactions
- 4. Those that require recognition of basic fundamental knowledge in the field of Opticianry and/or Contact Lens Technology.

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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.aboncle.org/ABO/Exam_Information/Practical_Exams/Practical_ al_Exam_Tutorial/ABO/Practical_Exam/Practical_Exam_Tutorial.aspx?hkey=b53962d8-5427-4cf4-9cd7-2074c6c91d9c

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ABO & NCLE Practical Exams

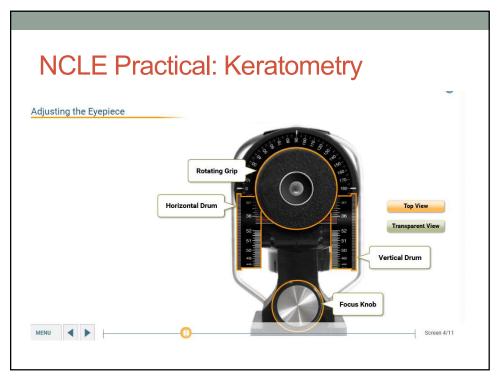
- ABO & NCLE provides a Practical Slideshow to allow candidates to understand the functionality and type of questions for each item within the ABO and NCLE Practical Examinations.
- https://www.slideshare.net/JamesMorris153/abo-ncle-practical-exam-slideshow-tutorial

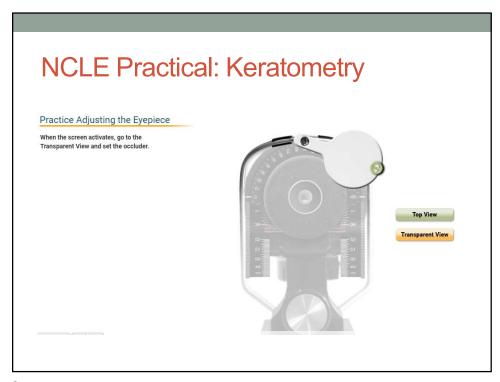
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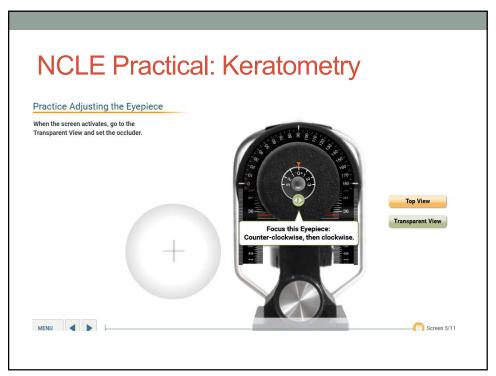
Exam Costs

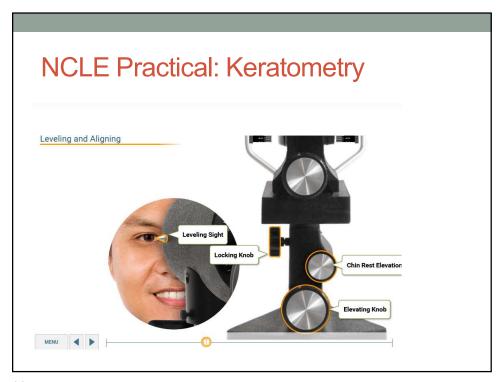
 Current cost for the ABO & NCLE Practical Exams is \$75.00 per exam or a total of \$150.00



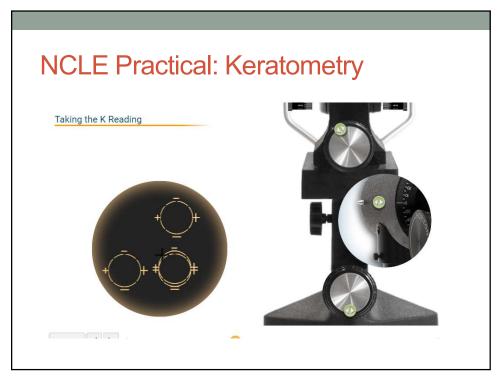


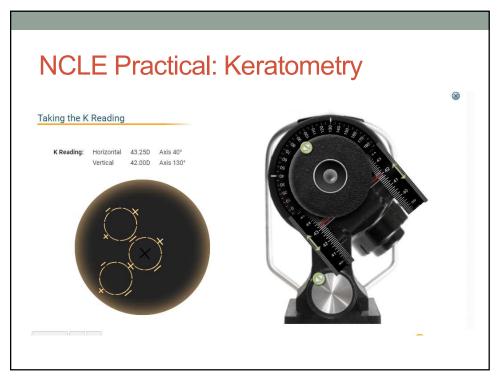








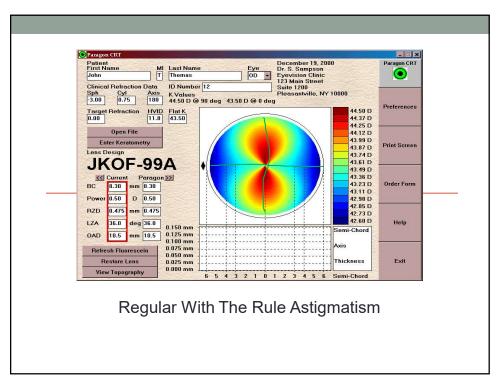




Types of Astigmatism: Corneal

- Regular: Meridians 90 Degrees Apart
 - "With the Rule" Flattest "K" @ 180 Degrees (+/- 30 Degrees) ex: 41.00@180 / 43.00@90
 - "Against the Rule" Flattest "K" @ 90 Degrees (+/- 30 Degrees) ex: 45.00@180 / 42.00@90
 - "Oblique" Flattest "K" between 30 & 60 or 120 & 150 Degrees ex: 42.50@35 / 44.75@125
- Irregular: Flattest & Steepest meridians are notably more or less than 90 Degrees Apart ex: 41.00@180 / 42.00@60

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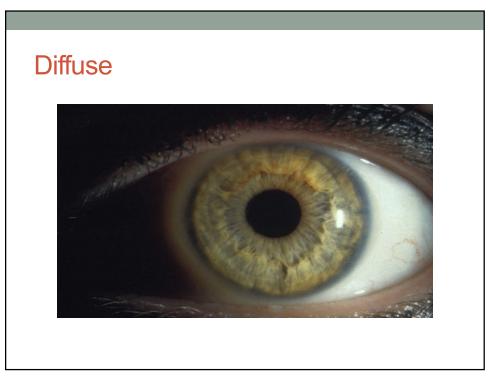


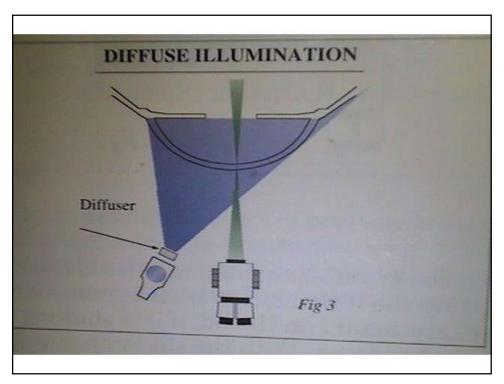
SLIT LAMP OPERATION

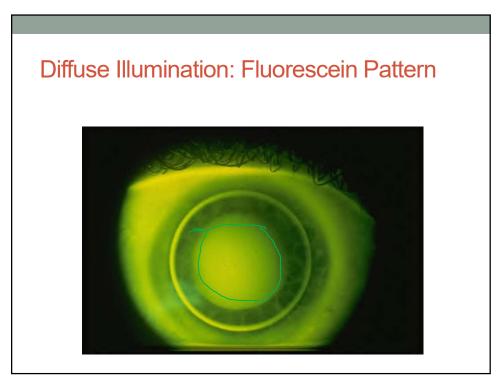
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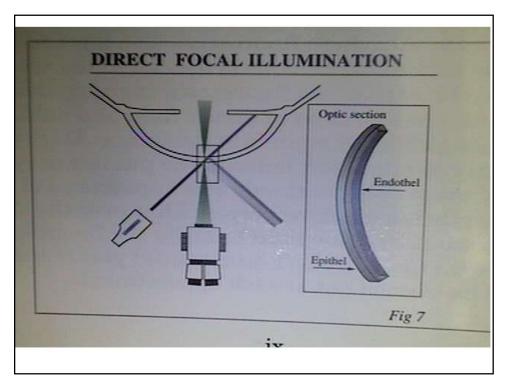
Slit Lamp Evaluation

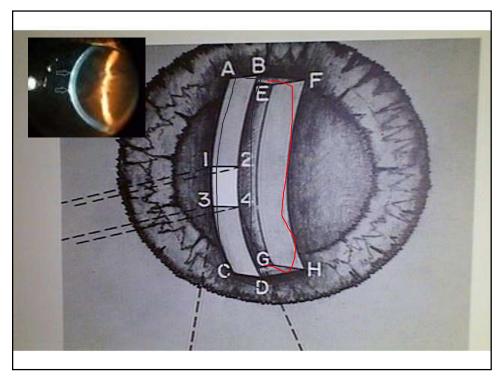
- Diffuse: General Observations, Lens Evaluation
- Direct Focal:
 - Parallelpiped: Edema, Vertical Striae, Opacities, Vascularization, Precorneal Film Debris, Abrasions, Staining, Endotheilum Pigment Deposits, Foreign Bodies.
 - Optic Section: Layers of cornea, Thickness of cornea, Depth of abrasion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

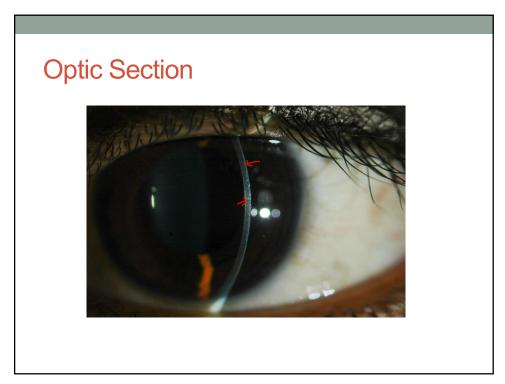


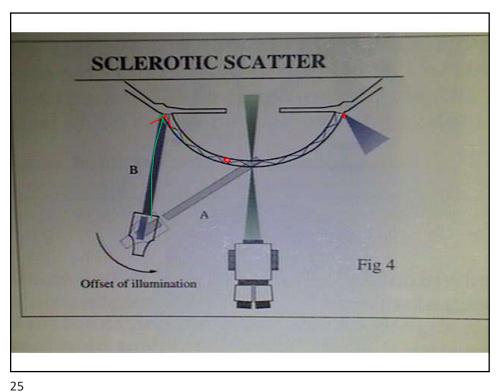


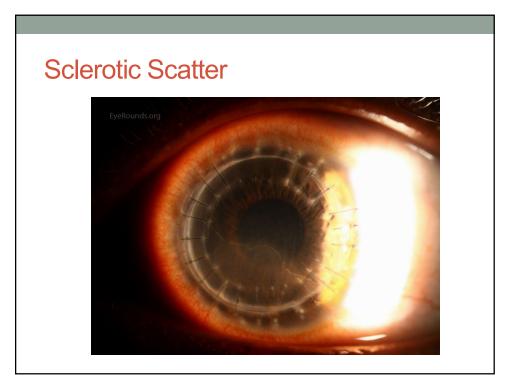












NCLE Practical: Slit Lamp



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NCLE Practical: Slit Lamp

- Ocular Conditions
- Lens Fit
 - GP
 - Soft
- Lens Damage

Ocular Conditions: Lid Margins

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

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Ocular Conditions: Conjunctiva

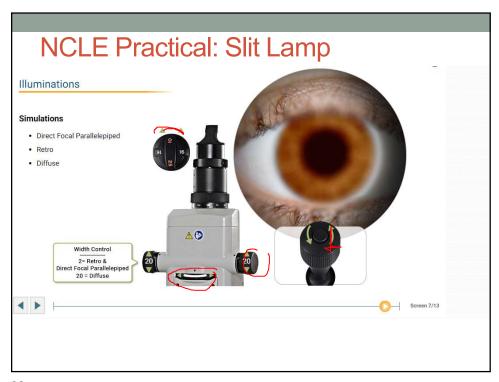
- Palpebral:
 - · Injection, Conjunctivitis, Concretions, Cysts, Papillae, Follicle
- Bulbar:
 - Pingueculas, Pterygium, Cysts, Dry or Pigmented Areas, Injection

Ocular Conditions: Cornea

- Direct Focal:
 - Parallelpiped: Edema, Vertical Striae, Opacities, Vascularization, Precorneal Film Debris, Abrasions, Staining, Endotheilum 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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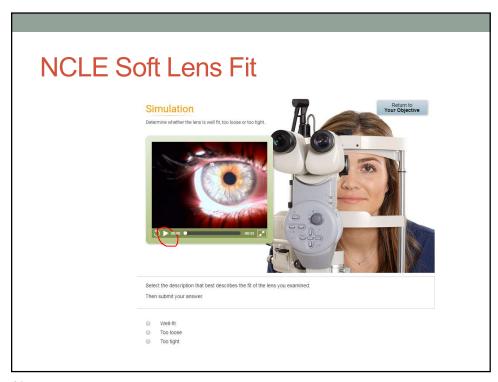


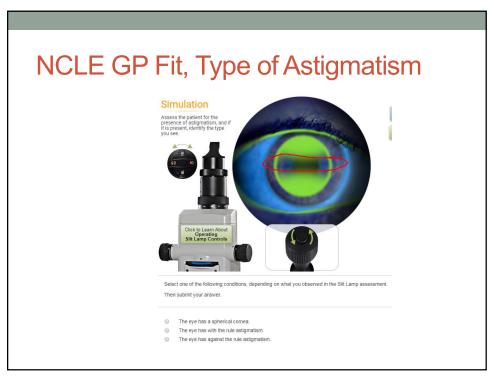
NCLE Lens Fits

- Patient History & Video
- GP Fluorescein Pattern (Use cobalt filter)
 - · Well fit, Steep, Flat
 - Type of Astigmatism
- Soft
 - · Well fit, Tight, Loose

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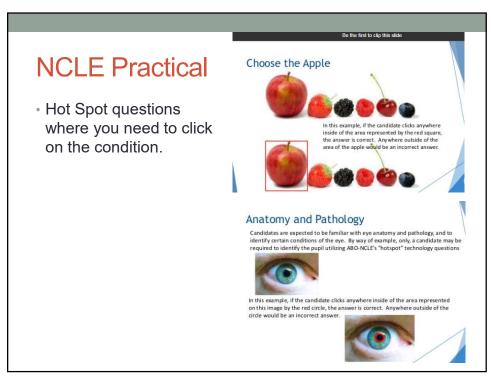








PATHOLOGY AND EVALUATING CONTACT LENS FITS



NCLE Practical

- Images of contact lens fits and conditions
- Videos of contact lens fits and conditions

GPLI.info Fitting & Problem Solving

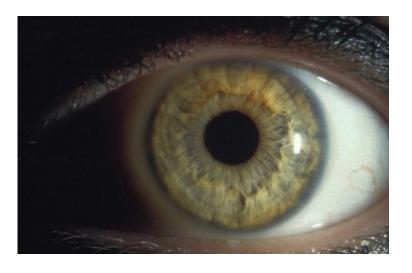
• http://www.gpli.info/gp-fit-eval-prob-solve/

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Alcon

- · Alcon Academy a great resource from Alcon.
- https://2.myalcon.com/professional/resources/education/a cademy-eye-care-excellence

Healthy Eye



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Pathology: Ocular Conditions

- Lids
- Conjunctiva
- Cornea



Questions?

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