### NCLE PRACTICAL EXAM REVIEW

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1

### **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.

2

### **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.

ABO & NCLE Practical Exar	am	IS
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- 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

### ABO & NCLE Practical Exams

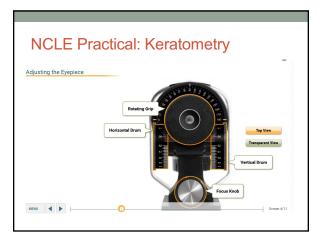
- ABO & NCLE provides a Practical Slideshow to allow candidates to understand the functionality and type of questions for each item within the ABO and NCLE Practical Examinations.
- https://www.slideshare.net/JamesMorris153/abo-nclepractical-exam-slideshow-tutorial

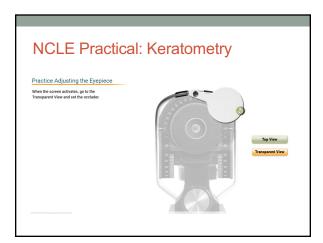
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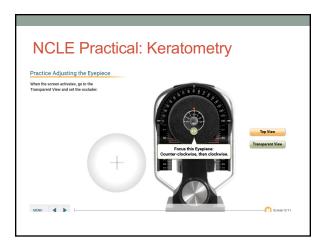
### **Exam Costs**

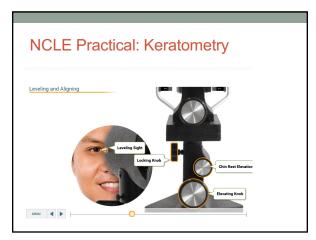
 Current cost for the ABO & NCLE Practical Exams is \$75.00 per exam or a total of \$150.00

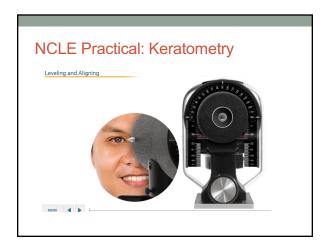


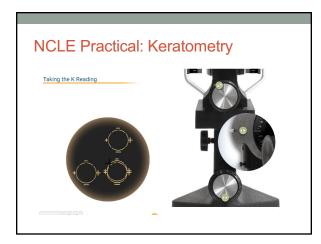


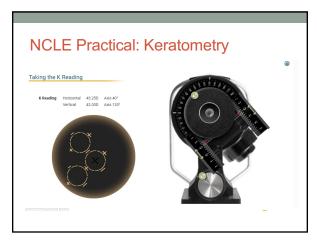












14

# Types of Astigmatism: Corneal

- · Regular: Meridians 90 Degrees Apart
  - "With the Rule" Flattest "K" @ 180 Degrees Degrees) ex: 41.00@180 / 43.00@90

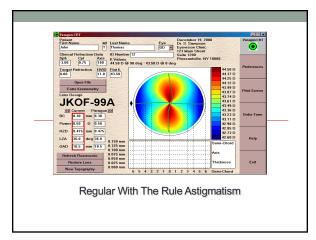
    "Against the Rule" Flattest "K" @ 90 Degrees

(+/- 30

(+/- 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



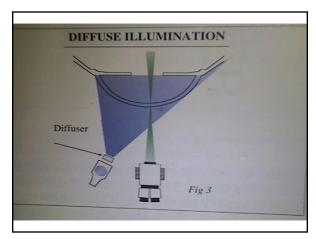
# **SLIT LAMP OPERATION**

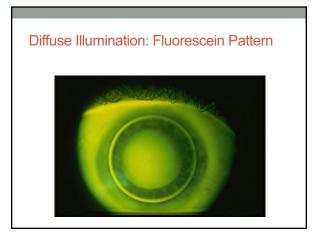
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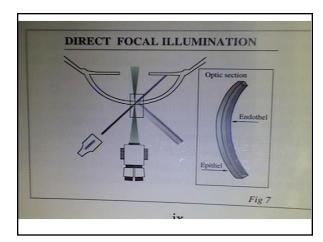
## Slit Lamp Evaluation

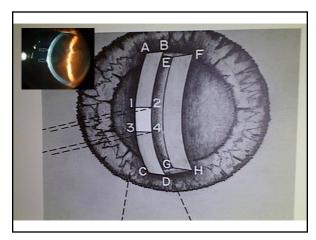
- Diffuse: General Observations, Lens Evaluation
- · Direct Focal:
  - Parallelpiped: Edema, Vertical Striae, Opacities, Vascularization, Precorneal Film Debris, Abrasions, Staining, Endotheilum Pigment Deposits, Foreign Bodies.
- Optic Section: Layers of cornea, Thickness of cornea, Depth of abrasion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

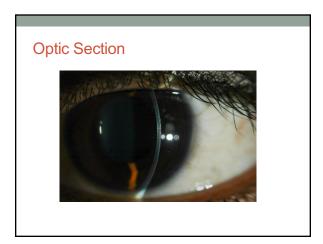


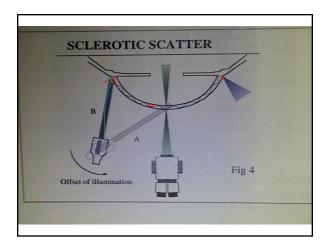


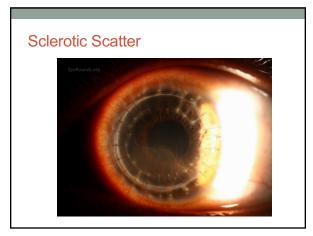














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NCLE Practical: Slit Lamp	
Ocular Conditions	
· Lens Fit · GP	
· Soft · Lens Damage	
· Lens Damage	
28	
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Ocular Conditions: Lid Margins	
· Blepharitis	
<ul> <li>Plugged meibomian glands</li> </ul>	
Trichiasis     Lacrimal lake quantity and quality	
Edolinia iako quantiy ana quanty	
200	
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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:
  - 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.

31



32













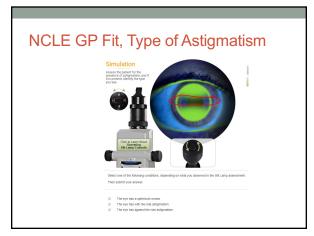
38

### **NCLE Lens Fits**

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

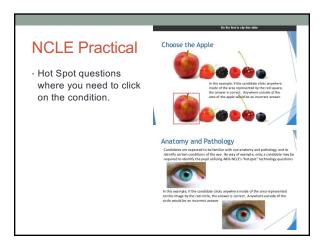








# PATHOLOGY AND EVALUATING CONTACT LENS FITS



### **NCLE** Practical

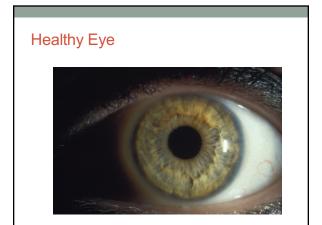
- Images of contact lens fits and conditions
- Videos of contact lens fits and conditions

46

# GPLI.info Fitting & Problem Solving

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

47



# Pathology: Ocular Conditions - Lids - Conjunctiva - Cornea

50

### Questions?

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