ABO Practical Exam Review

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2024

Presented By:

UOA
United Opticians
ASSOCIATION
Representing Contact Lens and Spectacle Opticians since 1928.

www.Opticians.org

Scan the QR code to learn about complimentary UOA membership, made possible through an investment by ABO & NCLE to:

- state associations,
- state licensees &
- ABO-NCLE certificants.

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Conflict of interest

- The speaker, Thomas Neff MA LDO, ABO-AC, NCLE-AC, has no conflicts of interest to disclose.

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Congrats on taking an additional step in your training and certification!!!

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ABO Practical Exams

- The one hour practical virtual
- Created by groups of Certified Opticians and Certified Contact Lens Fitters/Technicians
- Created by independent testing service.

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ABO Practical Exams

- The purpose:
- apply the knowledge previously demonstrated by the candidates to skills and abilities associated with the performance of tasks required for the professional practice
- ABO = of Opticianry
- NCLE = Contact Lens Technology.

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ABO Practical Exams

Each exam has thirty questions.

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ABO Practical Exams

Question Criteria Exam questions fall into four general categories:

1. **require immediate recognition of the correct response through correct identification of instrumentality and basic problem solving**

2. **require understanding and/or utilization of basic instrumentality**

3. **comprehension of patient interaction and demonstrate appropriate problem-solving based upon information presented by video vignettes of patient interactions**

4. **recognition of basic fundamental knowledge in the field of Opticianry and/or Contact Lens Technology.**

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ABO 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.

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ABO 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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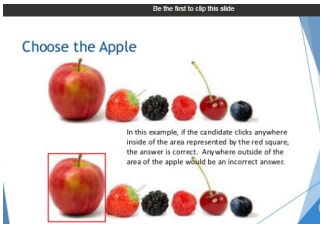
ABO Practical

Hot Spot questions where you need to click on the condition or tool.



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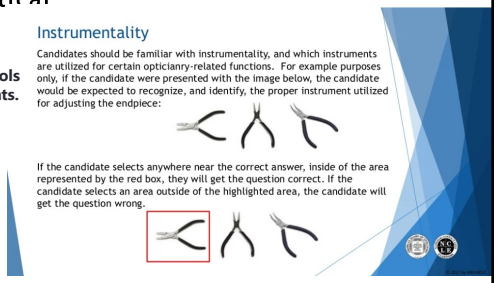
ABO Practical

Images of tools or instruments.

Videos of patient interactions.



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Exam Costs

Current cost:

ABO & NCLE Practical Exams is $75.00 per exam

(total of $150.00)

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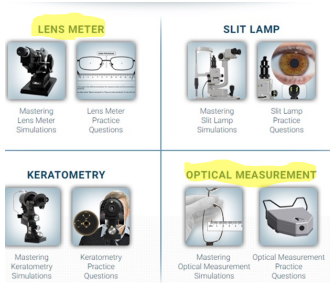
ABO Practical: Virtual Instruments



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ABO Practical: Virtual Pupilometer

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ABO Practical: Virtual Pupilometer

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ABO Practical: Virtual Pupilometer

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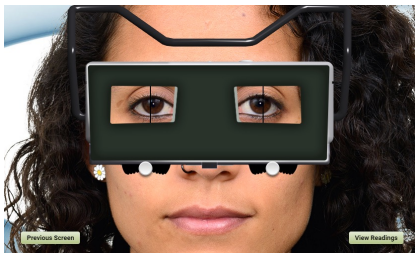
ABO Practical: Virtual Pupilometer



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Frame Measurements and Segment Heights

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Pro Tips

Progressive: Center of pupil.

Bifocal: Lower limbus!!!!!!

Not lower lid!!!

Trifocal: Lower edge of pupil.

Do Not subtract 1mm

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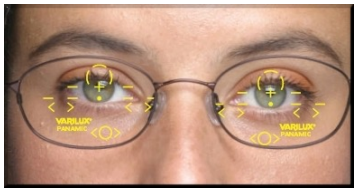
Fitting Height

Fitting Heights should be taken monocularly



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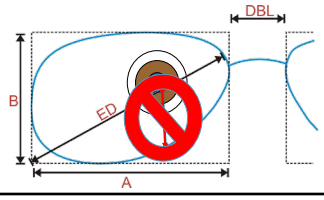
Fitting Height

Fitting Height is the distance between center pupil & the lowest edge of the lens



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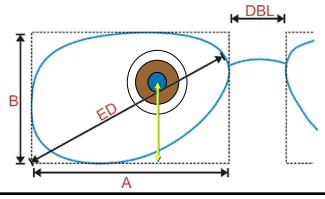
Fitting Height

Fitting Height is the distance between center pupil & the lowest edge of the lens



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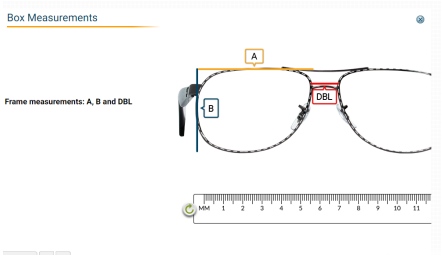
ABO Practical: Frame Measurements



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ABO Practical: Fitting Heights

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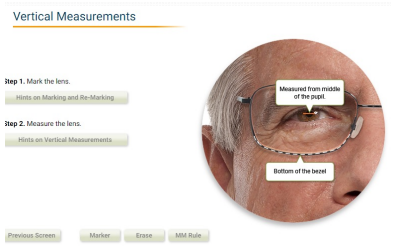
ABO Practical: Fitting Heights



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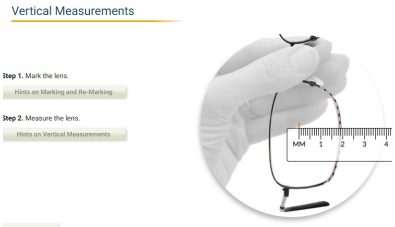
ABO Practical: Fitting Heights



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ABO Practical: Neutralization

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ABO Practical: Neutralization

Look and Feel of the Lens Meter Simulation

Verification: Comparing Prescribed Power and Axis to Lens Meter Readings

Neutralizing Lenses

Meeting Optical Standards: Tolerances for Power, Axis, Prism and Imbalance

Reading Prism in the Marco 101 Lens Meter

Horizontal Imbalance

Segment Height

Bifocal Lenses

Layout of Progressive Lenses

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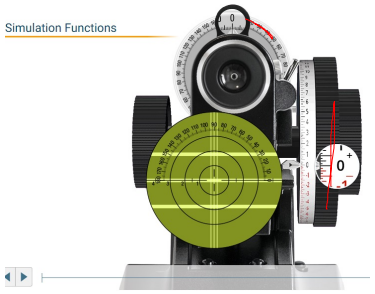
ABO Practical: Neutralization

Simulation Functions



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ABO Practical: Neutralization

Dragging Simulation Controls

Drag the power drum and axis to get a feel for how the simulation operates.

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ABO Practical: Neutralization

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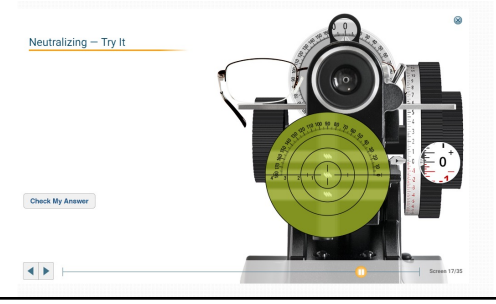
ABO Practical: Neutralization



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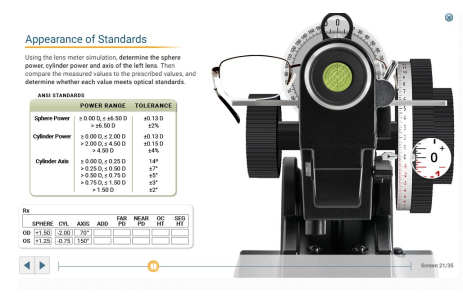
ABO Practical: Verification



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ABO Practical: Prism

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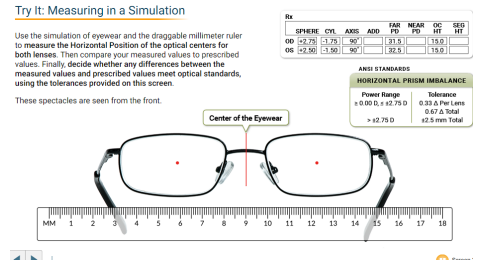
ABO Practical: Prism



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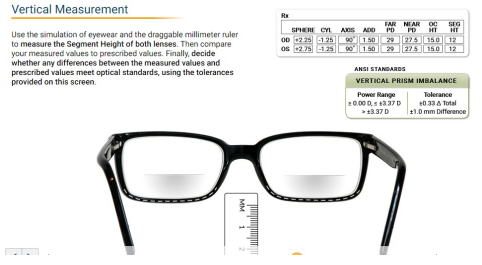
ABO Practical: Segment Height Verification



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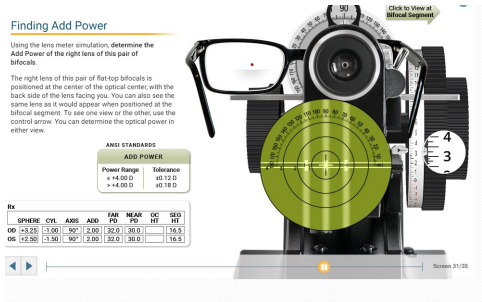
ABO Practical: Add Power



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ABO Practical: Progressives

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This is not just a knowledge test, rather a clinical application test..

Still need the knowledge to apply to clinical/practical situations.

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Still need to know basic optical skills to problem solve:

-Transposition
-Prism
  -how it bends light
  -how it appears to displace image
  -effect of imbalance, or too much prism
-fitting and problem solving lenses
  -SV
  -ST
  -PAL

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Questions?

Let's take remaining time and play with the Tutorial!!

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