



# Clinical Skills Exam (CSE<sup>®</sup>)

## SITE INFORMATION & EQUIPMENT LIST

**EXAM DATES:**  
August 2021 – July 2022

The information listed in this CSE Site Information and Equipment List is for informational purposes only. There may be additional equipment or supplies on-site during the exam that may not be reflected in this manual. Additionally, equipment and supplies may change without notice.

This information is not intended to prepare candidates for the exam, but to provide a general overview of equipment and supplies used during the exam. Candidates are reminded to thoroughly review the evaluation forms and candidate guide to adequately prepare for the Part III, Clinical Skills Examination.

## **NCCTO SITE INFORMATION & EQUIPMENT LIST OVERVIEW**

### **NCCTO EQUIPMENT QUICK REFERENCE:**

#### **Station 1**

- Reliance 6200-L Chair
- M&S Smart System II 20/20 Acuity Chart
- Marco 101 Lensmeter
- Blood Pressure Simulator Life Form 01095
- Welch Allyn 3.5v 41100 Transilluminator

#### **Station 2**

- Reliance 6200-L Chair
- 7900-IC Floor Stand
- Haag-Streit 900 BI Slit Lamp Video System
- Volk G-3 Three-Mirror Glass Gonio Fundus Lens with Flange

#### **Station 3**

- Reliance 6200-L Chair
- 7900-IC Floor Stand
- Reichert 11636 Minus Cylinder Back Illuminated Ultramatic Rx Master Phoropter Refractor
- M&S Smart System II 20/20 Acuity Chart
- Welch Allyn 18245 Elite Streak Retinoscope

#### **Station 4**

- Reliance 6200-L Chair
- 7900-IC Floor Stand
- Haag-Streit 900 BI Slit Lamp Video System
- "Modified" Keeler BIO Vantage Plus Slimline Wireless Plus Indirect System with +2.00 Oculars
- Volk 20D Lens
- Volk Digital Clear Field Lens
- Volk VDGTL1 Digital High Mag Imaging Lens
- Volk Digital Wide Field Lens
- Volk 78D & 90D Lenses

# ALL STATIONS

**The following information is identical in all exam rooms**

## **MAIN OVERHEAD LIGHT SWITCH, DIMMER LIGHT SWITCH, AND SLIDER**

Located behind the computer workstation  
Location of this switch is the same in EVERY exam room

Main overhead light switch is located on the LEFT  
Dimmer light switch is located on the RIGHT  
Slider to adjust dimmer brightness is on the RIGHT side of the dimmer switch



**Normal room illumination  
when the main overhead  
lights are on**



**Slider to adjust  
dimmer brightness**

## ALL STATIONS

The following information is identical in all exam rooms

### UNDER-CABINET LIGHT SWITCH

Located above the sink counter, by soap dispenser

Location of this switch is the same in EVERY exam room



# ALL STATIONS

The following information is identical in all exam rooms

## Exam Chair Overview Reliance 6200-L Chair



## ALL STATIONS

The following information is identical in all exam rooms

### Exam Chair Overview Reliance 6200-L Chair

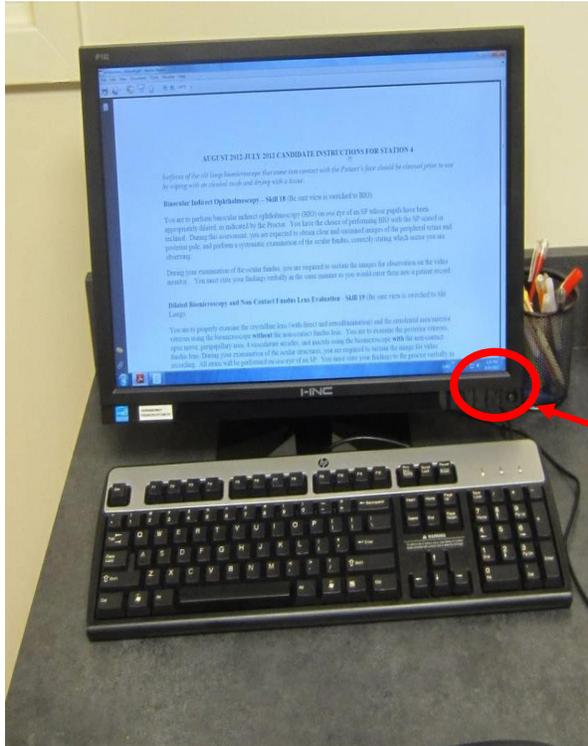
**To recline the exam chair:**

Pull DOWN on the lever located on the back of the chair  
Lower the chair and position appropriately  
Release the lever while lowered to lock the chair in place



# ALL STATIONS

The following information is identical in all exam rooms



**Computer Workstations**  
Displays station instructions  
Not an item-by-item list, but a brief overview of skills expected to be performed.  
  
Turn the monitor on/off by pressing button underneath the bottom right corner

**Repeat Policies**  
Posted on the back of the exam-room doors, next to the computer workstation

Pens & pencils are provided in each station for candidate use

Band-Aids® are available in all rooms in the event an injury occurs

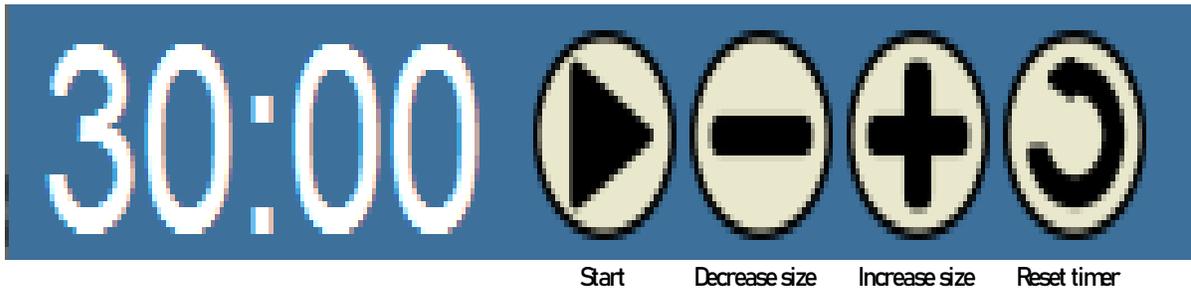
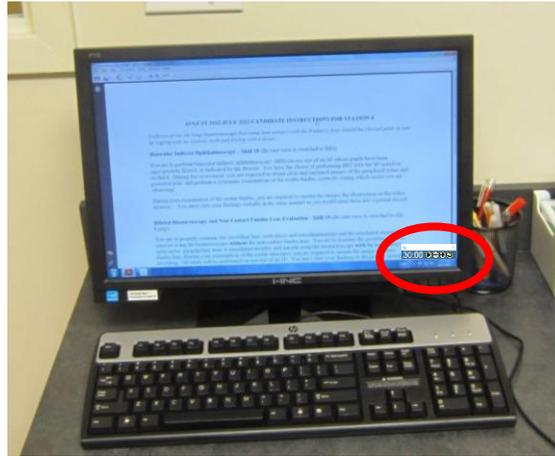


## ALL STATIONS

### The following information is identical in all exam rooms

A countdown clock will be available on the exam room computer monitor for candidates to use. Use of the countdown clock is optional.

Countdown clocks on the computers do **NOT** officially determine a candidate's time.



Testing officially begins when you hear the announcement “The exam cycle has begun.” Testing ends when you hear “The exam cycle has ended.” Candidates wishing to use the countdown clock in the rooms must press the arrow button indicating START to begin the countdown clock. There may be a delay between when the announcement plays and when a candidate presses START, thus the time remaining may be less than what is displayed on the computer (**15 minutes for Station 4**). Using the countdown clock in the room is optional and only to provide candidates assistance in determining the amount of time remaining in the station. Again, these clocks are not the official time keepers of the exam.

## STATION 1 EQUIPMENT & SUPPLIES



Station 1 Room View

### **Transilluminators**

Welch Allyn 3.5v 41100 Transilluminator



### **Prism Bars**



### **M&S Acuity Chart Remote Control**

(see Station 3 for detailed remote information)



# STATION 1 EQUIPMENT & SUPPLIES



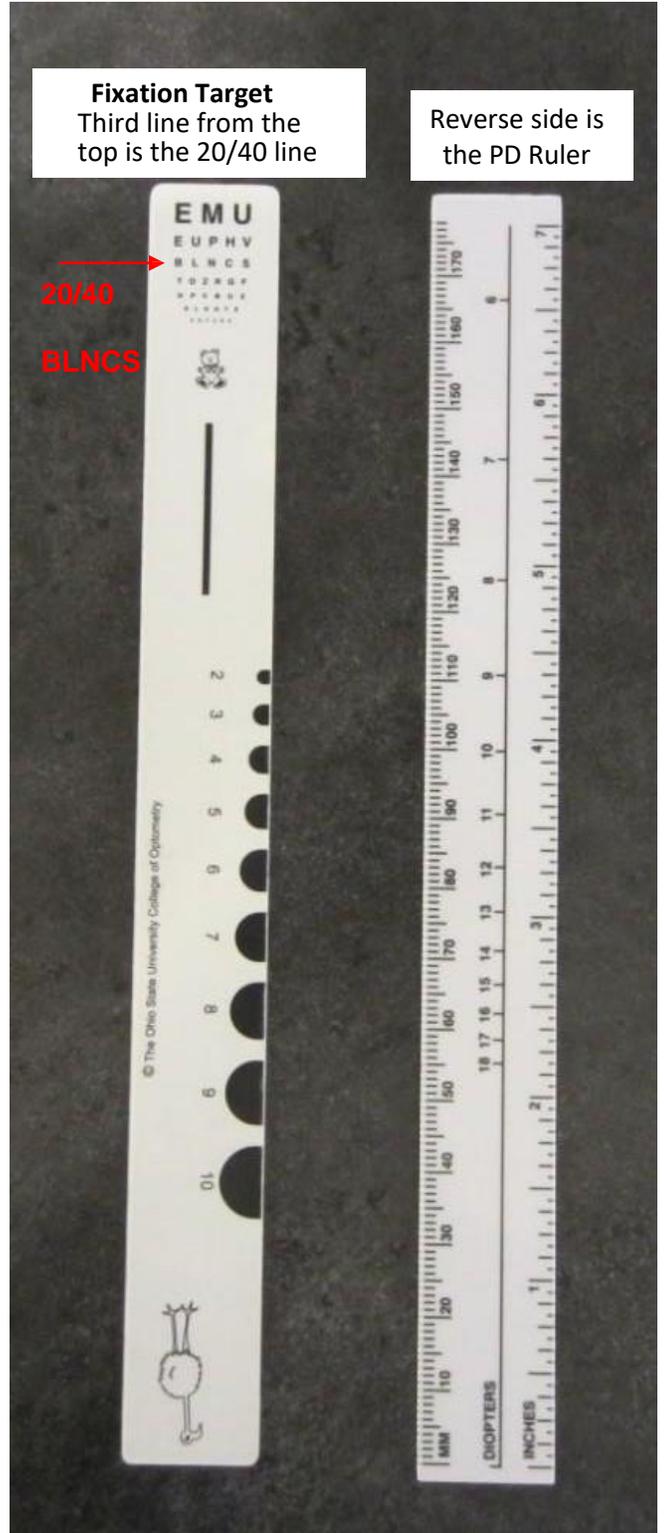
Silver/Gold Wands



Alcohol Wipes



Tissues

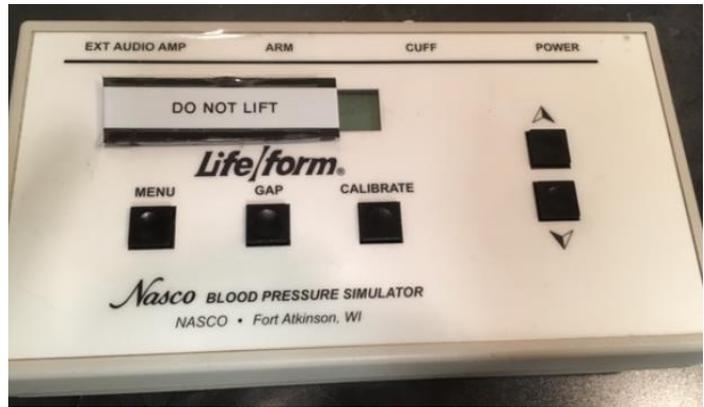


## STATION 1 EQUIPMENT & SUPPLIES

### Simulated Blood Pressure Arm & Equipment Overview Blood Pressure Simulator Life Form 01095



The simulated arm is attached to a control box. The display of the control box is partially covered. Lifting the cover will result in failure of the Blood Pressure Skill. Do not lift the cover.



Candidates will need to turn on the box before pumping the BP cuff. The power button is located at the top right corner of the control box.

As soon as the power button is pressed, the machine will be ready to use.

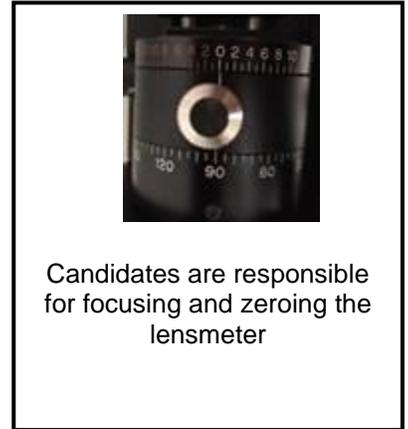
Please note that the BP machine turns off without use so candidates should turn it on right before performing the skill.

Candidates can verify the machine is turned on by viewing the letters in the corner of the display.



## STATION 1 EQUIPMENT & SUPPLIES

### Lensmeter & Lensometry Supplies Marco 101 Lensmeter



Candidates are responsible for focusing and zeroing the lensmeter



The pair of progressive lenses will have necessary markings needed to obtain adequate findings. Glasses will vary for each exam

## STATION 2 EQUIPMENT & SUPPLIES

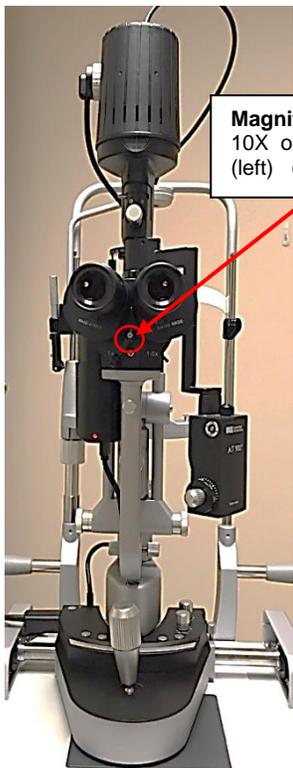


All Station 2 skills are performed using  
the Slit Lamp

Haag-Streit 900 BI Slit Lamp Video System

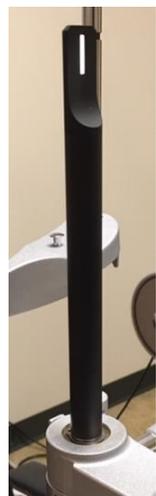
CAMERA IS ON THE LEFT OCULAR

Candidates must use  
focus rod to focus the  
oculars



**Power:**

blinking green=standby; solid green=on



## STATION 2 SLIT LAMP SETTINGS OVERVIEW



**Bright White**  
*Largest Aperture - No Filters*  
Top pin pushed to the **left** all the way



**Blue Filter**  
Circular dial turned all the way to the **left** so  
"B" is displayed

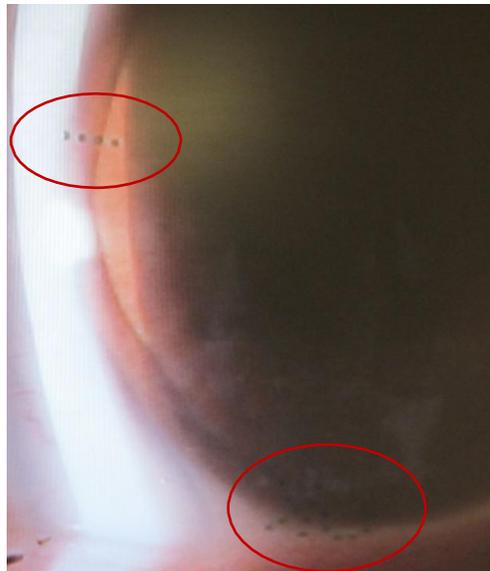


**Yellow Filter**  
If the lever is at the solid white circle, the  
filter is **IN**  
If the lever is **NOT** at the solid white circle,  
the filter is **OUT**

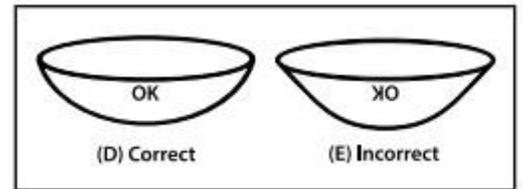
# STATION 2 EQUIPMENT AND SUPPLIES OVERVIEW



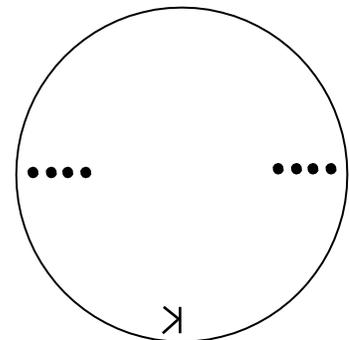
## Toric Soft Contact Lens



Correct orientation off eye



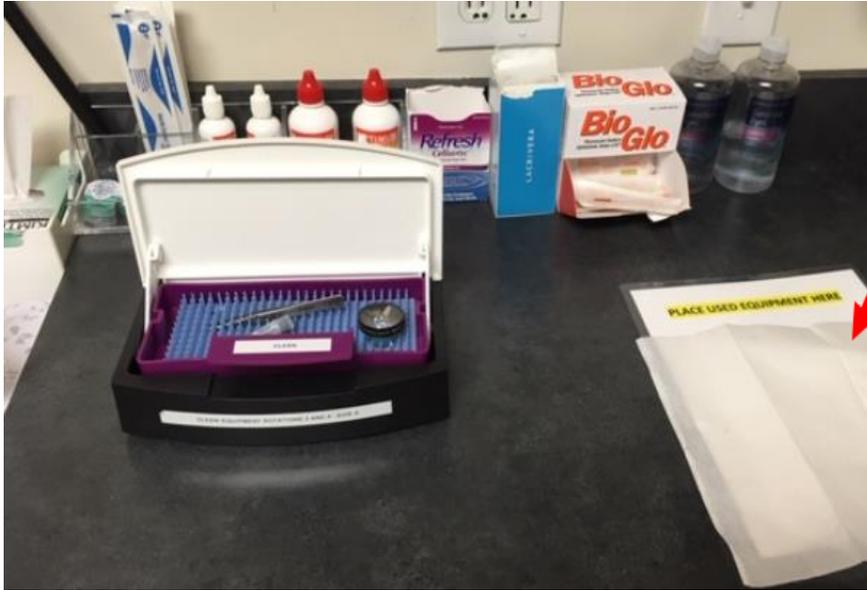
Correct orientation on eye



# STATION 2 SUPPLIES OVERVIEW

**Note: The brand of the item may change and be different than what is displayed**

Example of Station 2 supplies set up on the counter ready for use



## Tray

- Tray will contain ready to use, already-disinfected, gonio lens, tonometer, forceps
- Do not touch these instruments unless it is during exam time and you have washed your hands
- After using the instruments please place on the clean paper towel



## Gonio Lens Example

Volk G-3 Three-Mirror Glass Gonio Fundus Lens with Flange

Elbow Rest



Alcohol Wipes



Kim Wipes

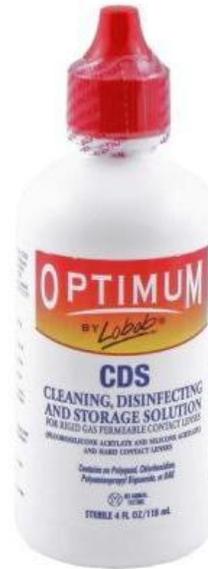


Tissues



# STATION 2 SUPPLIES OVERVIEW

Note: The brand of the item may change and be different than what is displayed

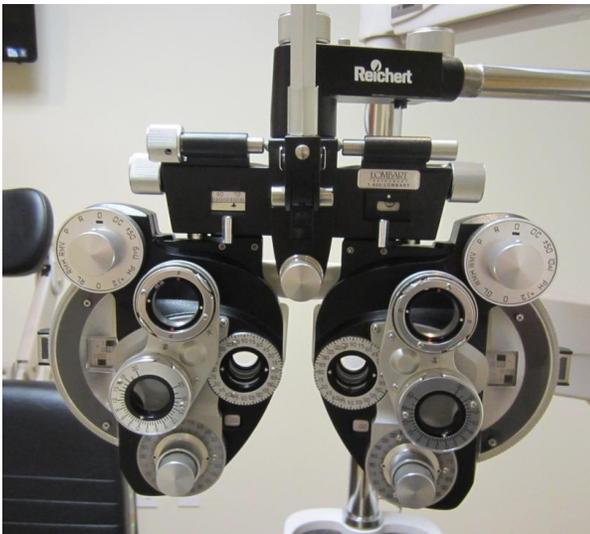


# STATION 3 EQUIPMENT & SUPPLIES



Station 3 Room View

Reichert 11636 Minus Cylinder Back Illuminated Ultramatic Rx Master Phoropter Refractor



Welch Allyn 18245 Elite Streak Retinoscope



Cover Paddles/ PD Rulers



Tissues

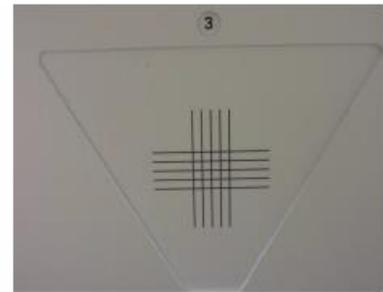


Kim Wipes



Alcohol Wipes

# STATION 3 PHOROPTER NEAR CARD OVERVIEW



## STATION 3 REMOTE CONTROL OVERVIEW

### Guidance for Commonly Used Settings

**FNC** – “Shift” key provides access to less commonly used features (FNC + 400 at the same time provides red/green 20/400 target)

**LTR** – Provides a descending chart of lines of letters. Press again to randomize the chart

**R/G** – Red/Green

**SGL** – Displays a single letter

**LINE** – Displays a single line of letters

**LINES** – Displays three lines of letters of the same size

**VLine** – Displays a vertical line of letters

**B** – Blank/Black screen (press any button to turn the screen back on)

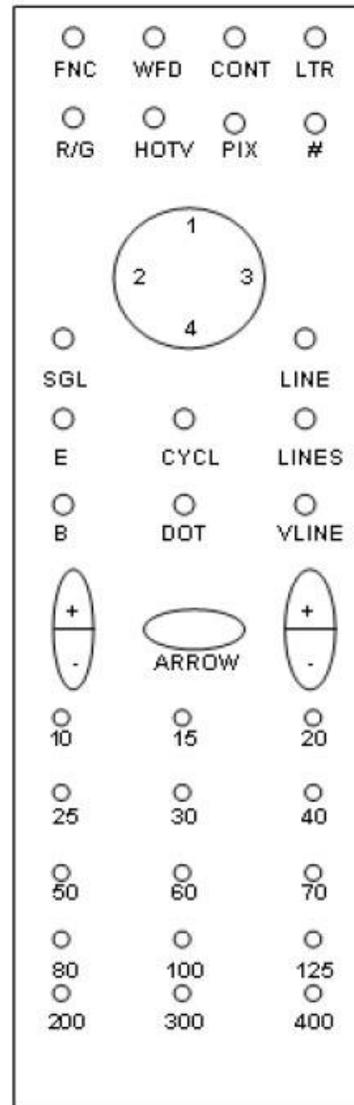
**CYC** – Single line on screen will randomize at regular timing intervals

**Arrow** – Displays an arrow beneath the first letter in a single line - vertical or horizontal

**+** – Scroll up in letter size

**-** – Scroll down in letter size

**10, 15, 20 etc.** – Select a given acuity level. E.g. 30 = 20/30  
Pressing a second time will randomize



### Additional Remote Tips

Randomizing – There are several ways to randomize the display:

1. Press the test mode button again. For example, if you desire to randomize the letters, simply press **LTR** a second time.
2. Press the size button again. For example, if the top line of the chart is 20/40 and you wish to randomize the chart, simply press **40**.
3. If working with a single letter or single line, press the **SGL** or **Line** button a second time.

To access a particular size letter or a particular line of the chart, press the numbered button corresponding to it. For example, to bring up 20/100, press **100**.

## STATION 4 EQUIPMENT & SUPPLIES



Station 4 Room View



## STATION 4 BIO HEADSET OVERVIEW

### “Modified” Keeler BIO Vantage Plus Slimline Wireless Plus Indirect System



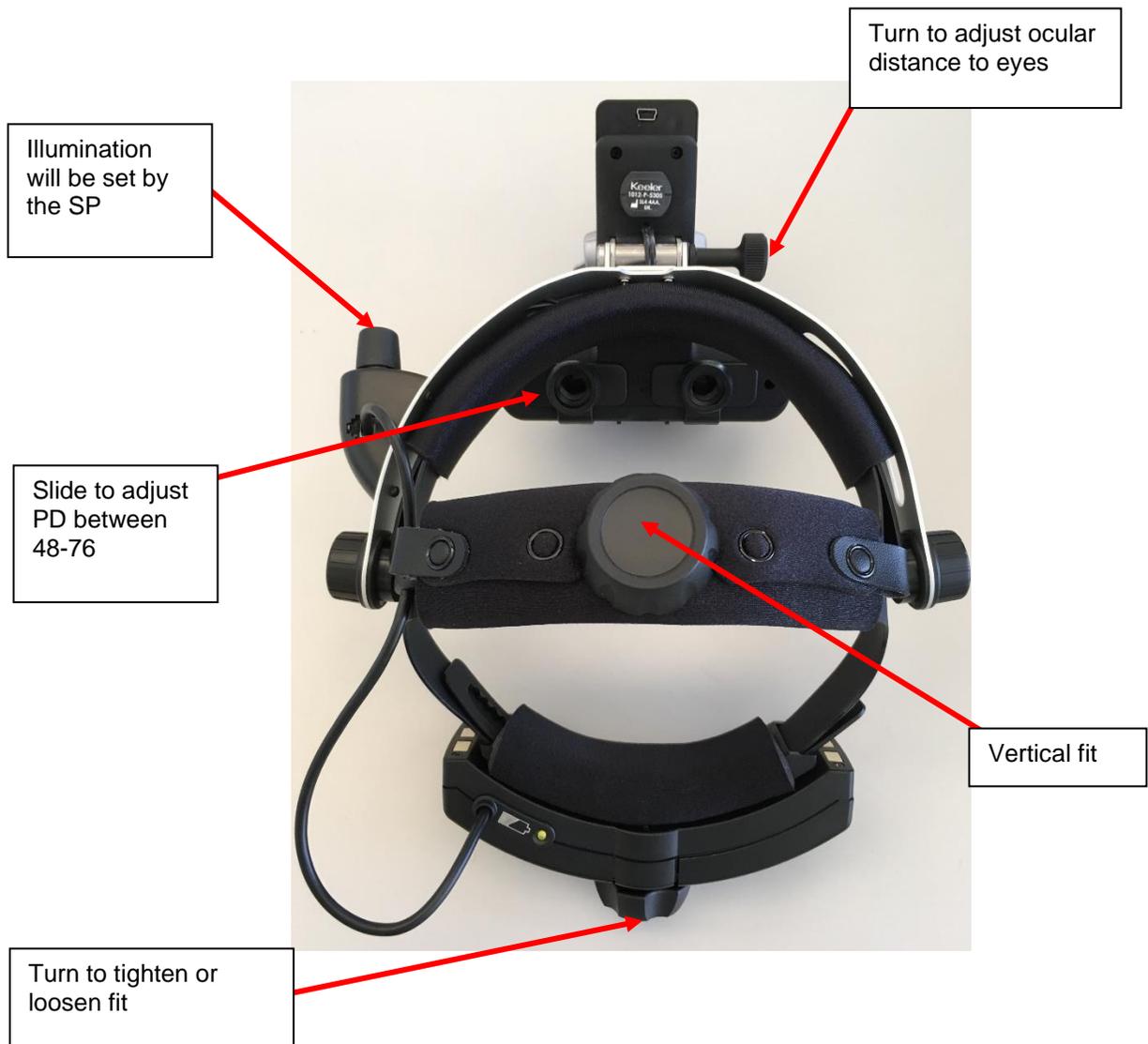
- The BIO headset will be hanging on the stand in Station 4
- Without an appropriate working distance (18-25 inches) the target may appear decentered

#### FIXED

- aperture
- filter
- brightness
- circle beam height

#### ADJUSTABLE

- fit behind head
- fit on top of head
- PD
- angle of ocular to eyes



# STATION 4 EQUIPMENT & SUPPLIES

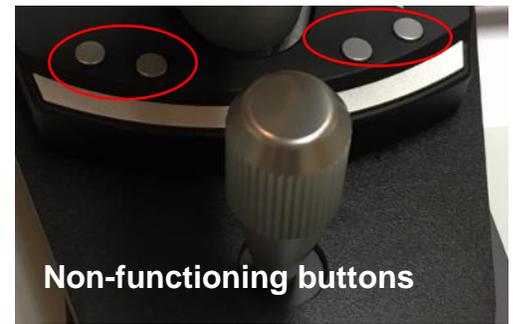
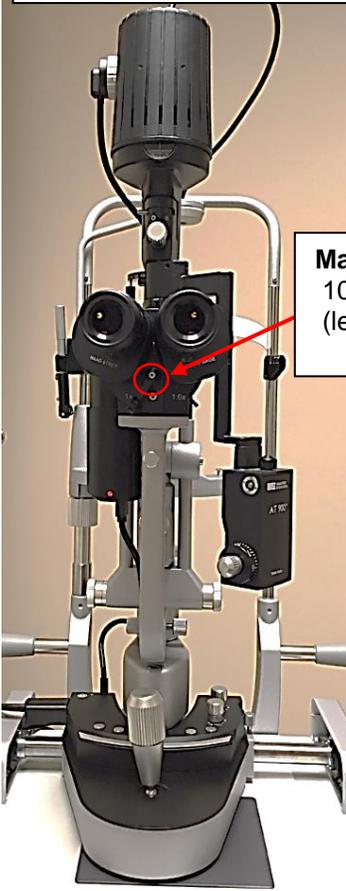
## Station 4 Slit Lamp

Haag-Streit 900 BI Slit  
Lamp Video System  
\*Camera is on the left ocular

Candidates must  
use focus rod to  
focus the oculars

Bright White: Top  
pin pushed to the  
left all the way

Magnification:  
10X or 16X  
(left) (right)

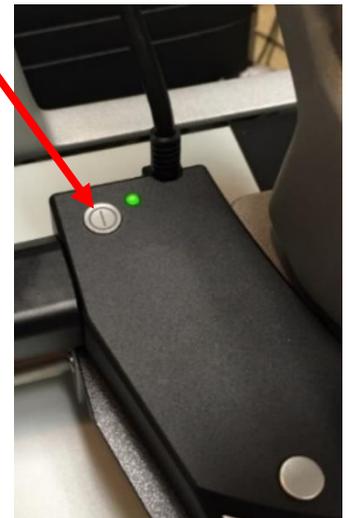


Non-functioning buttons

Power:  
blinking green=standby  
solid green=on



Rheostat



## Station 4 Lens Overview

The following lenses are available for candidate use during Skill 18 and Skill 19

- Volk 20D Lens
- Volk Digital Clear Field Lens
- Volk VDGTL1 Digital High Mag Imaging Lens
- Volk Digital Wide Field Lens
- Volk 78D & 90D Lenses



## Miscellaneous Supplies

