



Clinical Skills Exam (CSE[®])

SITE INFORMATION & EQUIPMENT LIST

EXAM DATES:

August 2023 – May 2024

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 warning.

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 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

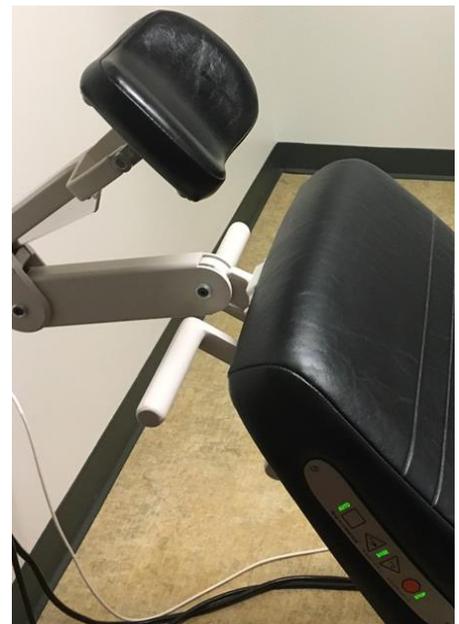
The following information is identical in all exam rooms

Exam Chair Overview

Reliance 6200-L Chair

To recline the exam chair:

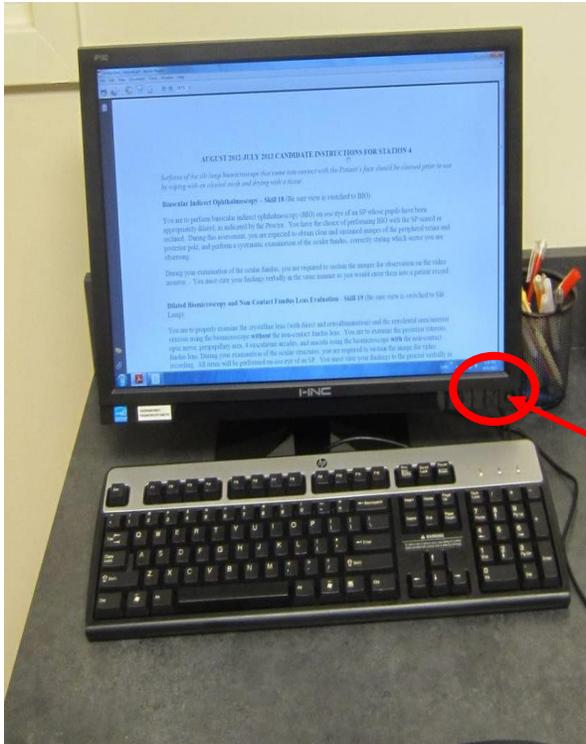
Pull DOWN on the lever located on the back of the chair
Lower the chair and position appropriately
Release the lever while lowered to lock the chair in place



To rotate the chair, push the silver handle towards the floor. When the chair is in position, pull handle to the original position to lock 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 of an injury

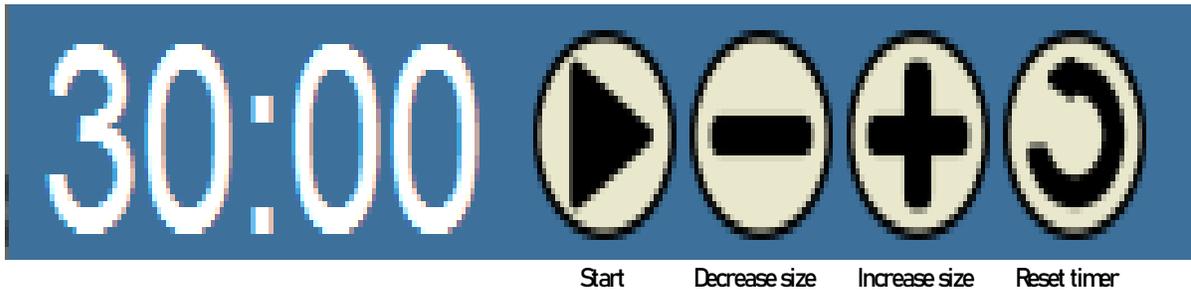
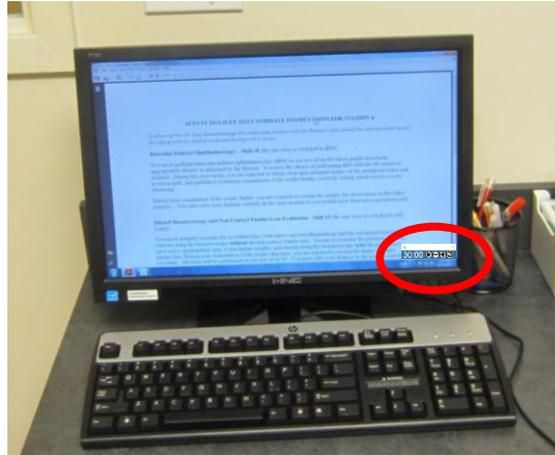


ALL STATIONS

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.



(15 Minutes for Station 4)

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 official time remaining may be less than what is displayed on the computer. Using the countdown clock in the room is optional and assists in determining the approximate of time remaining in the station. Again, these clocks are not the official time keepers of the exam.

STATION 1 EQUIPMENT & SUPPLIES



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



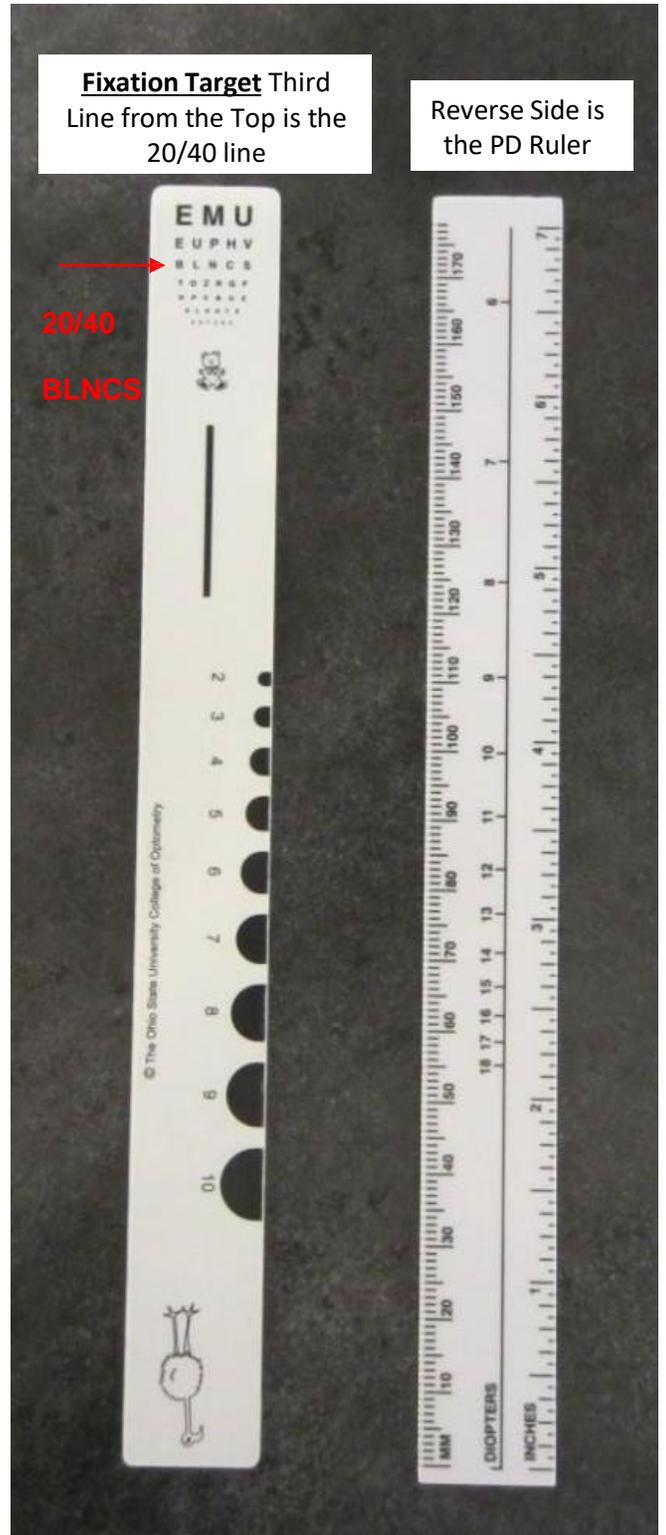
Silver/Gold Wands



Alcohol Wipes

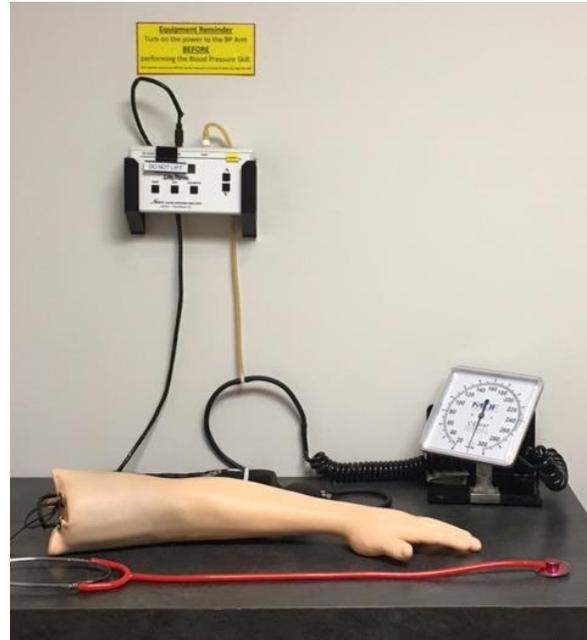


Tissues



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. Do not lift the cover. Lifting the cover will result in failure of the Blood Pressure Skill.



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. The laser etched ADD power has been removed. Glasses will vary for each exam

STATION 2 EQUIPMENT & SUPPLIES

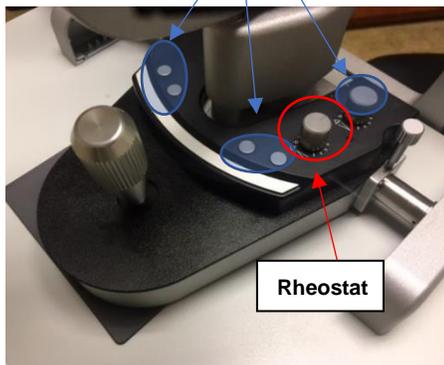


All Station 2 skills are performed using the Haag-Streit 900 BI Slit Lamp Video System

CAMERA IS ON THE LEFT OCULAR

For optimal views, candidates must use focus rod to focus the oculars

Non-functioning buttons



Rheostat

Power:
blinking green = standby
solid green = on



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

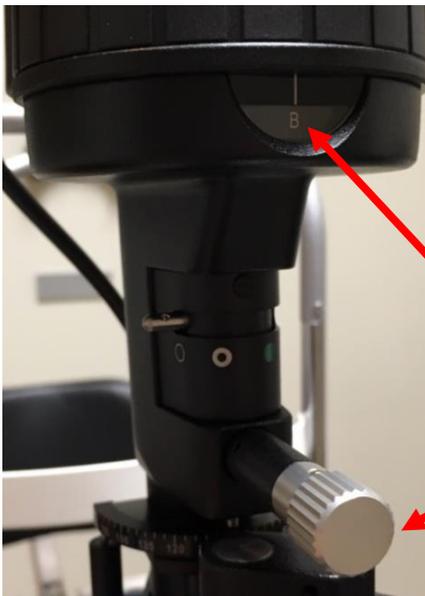


STATION 2 SLIT LAMP SETTINGS OVERVIEW



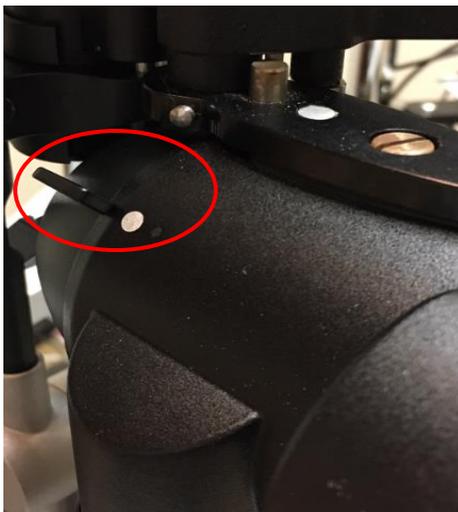
Bright White-No Filters

Top pin fixed all the way to the **left**



Blue Filter

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



Yellow (Wratten) Filter

If the lever is at , the filter is IN

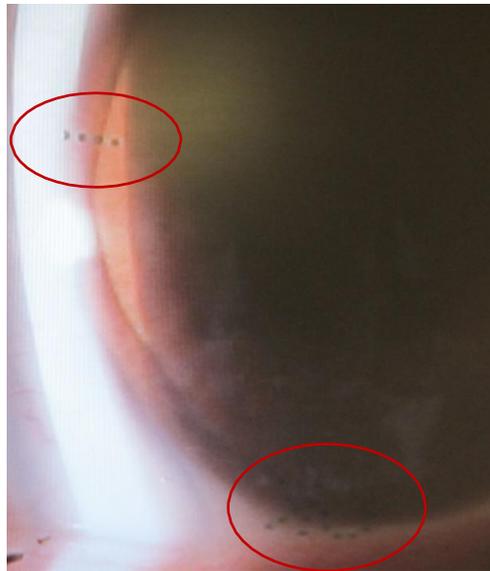
If the lever is at , the filter is OUT

(the filter cannot be in between these positions)

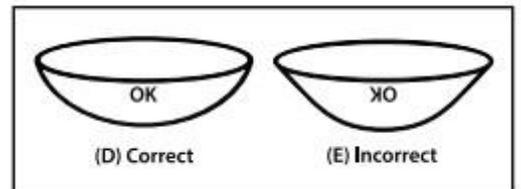
STATION 2 EQUIPMENT AND SUPPLIES OVERVIEW



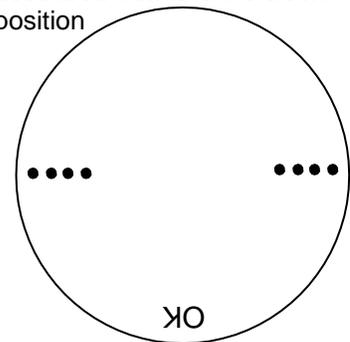
Toric Soft Contact Lens



Orientation off eye



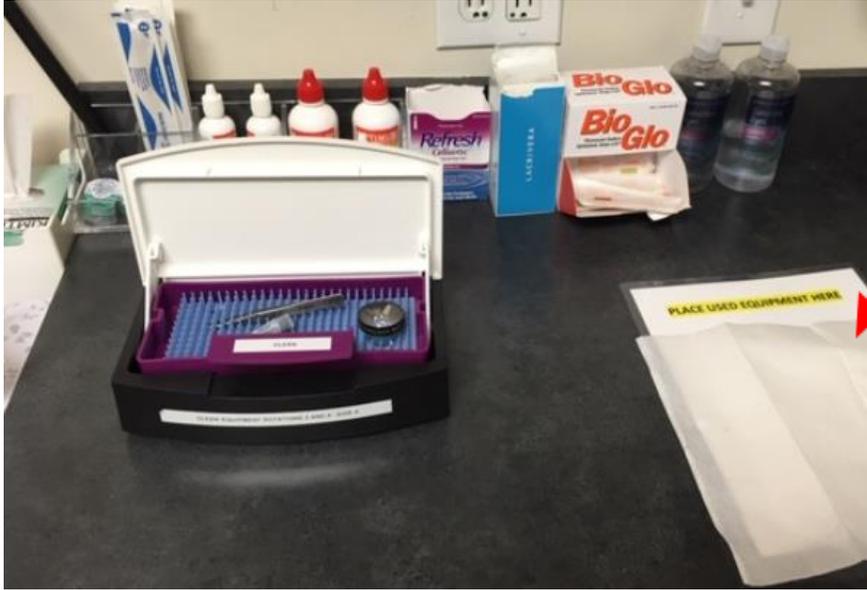
Correct orientation on eye –
Direction of rotation must be
described from the 6 o'clock
position



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
- Please keep tray closed until the start of the exam
- After using the instruments please place on the clean paper towel



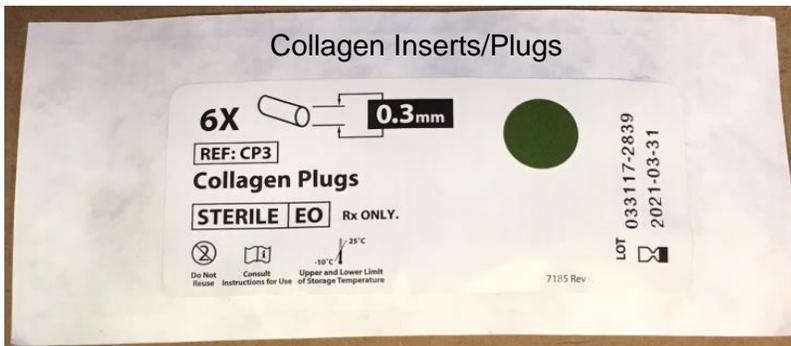
Gonio Lens Example

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

Elbow Rest



Collagen Inserts/Plugs



Alcohol Wipes



Kim Wipes

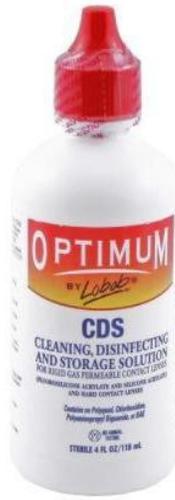


Tissues

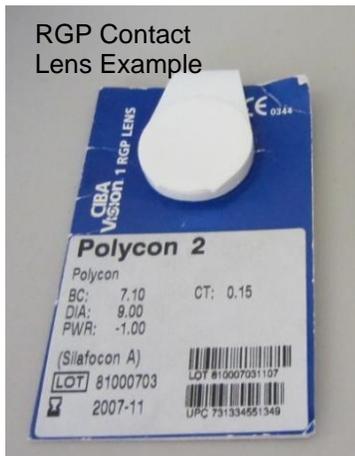


STATION 2 SUPPLIES OVERVIEW

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



Cotton Tipped Applicators



Toric Soft Contact Lens Example



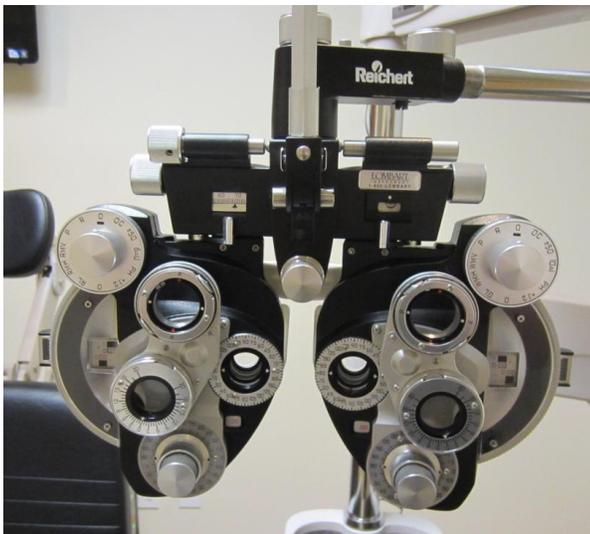
STATION 3 EQUIPMENT & SUPPLIES



Reichert 11636 Minus Cylinder Back Illuminated Ultramatic Rx Master Phoropter Refractor

Cover Paddles/ PD Rulers

Welch Allyn 18245 Elite Streak Retinoscope



Alcohol Wipes



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

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

R/G – Red/Green

- FNC + 400 at the same time provides red/green 20/400 target

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)

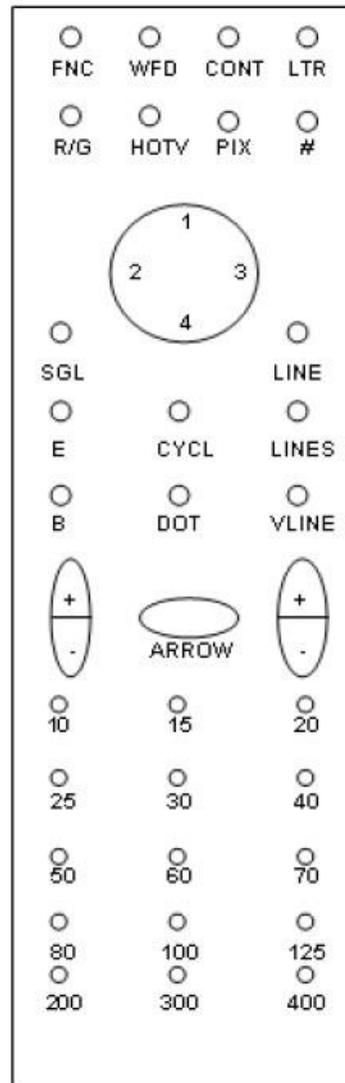
CYC – Single line on screen will randomize at regular timing intervals (press LTR to stop the cycling)

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.
4. Press **LTR** to stop the charts from cycling.

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 BIO HEADSET OVERVIEW

"Modified" Keeler BIO Vantage Plus Slimline Wireless Plus Indirect System



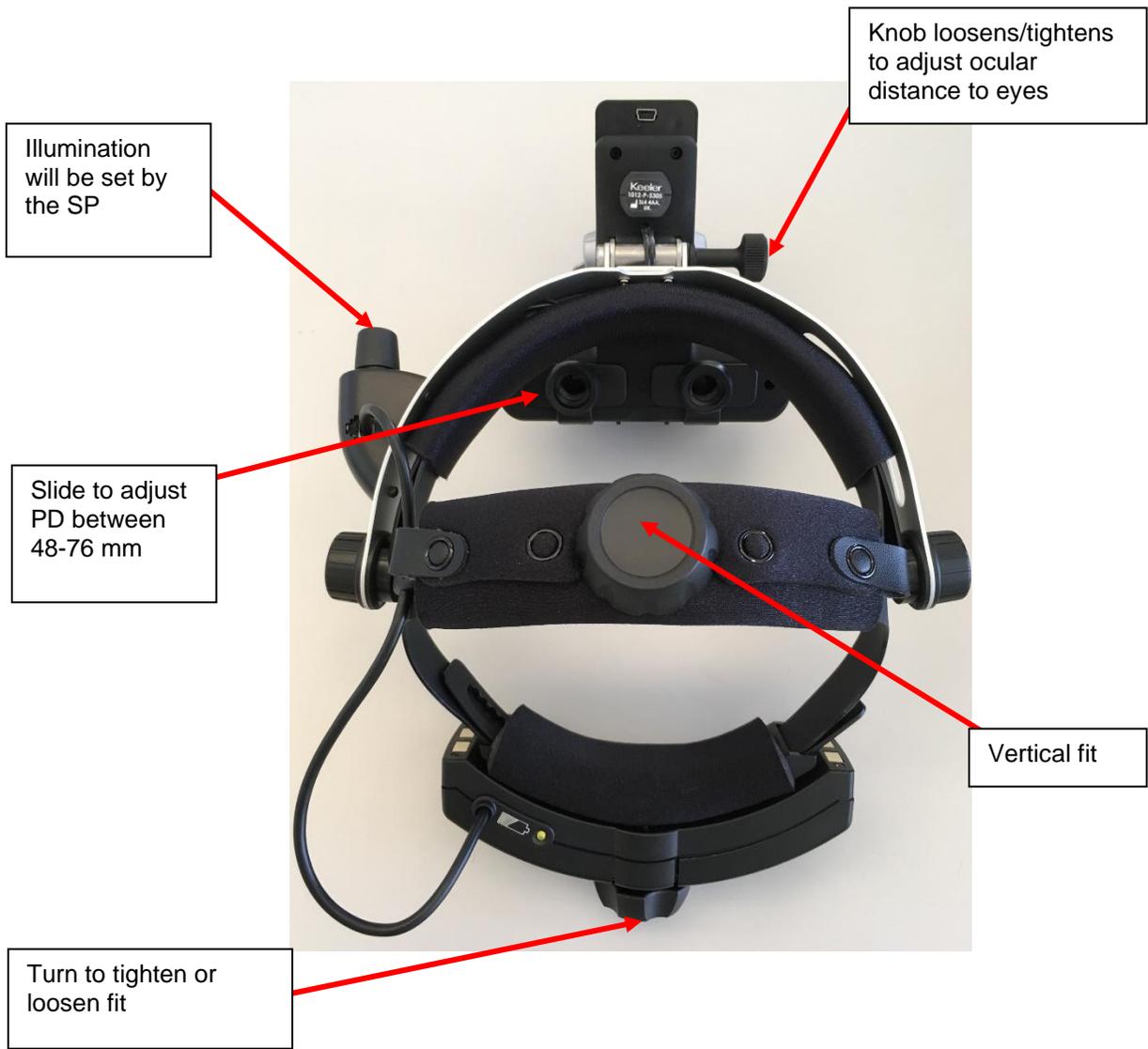
- The BIO headset will be hanging on the stand
- Without an appropriate target and working distance (18-25 inches) the target will appear decentered

FIXED

- aperture
- filter
- brightness
- circle beam height
- +2.00 oculars

ADJUSTABLE

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



STATION 4 EQUIPMENT & SUPPLIES

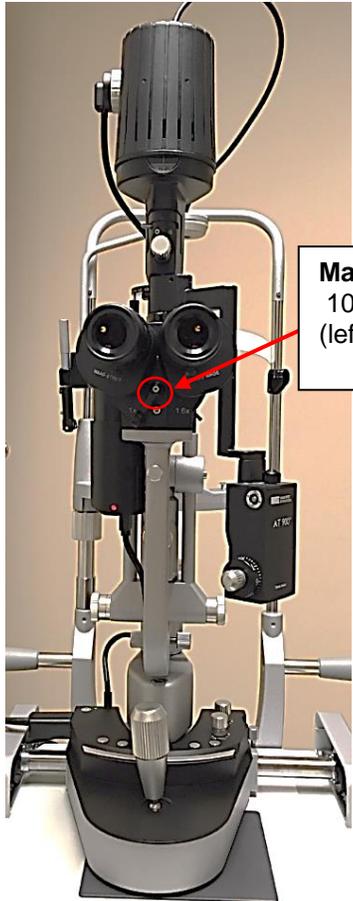
Slit Lamp

Haag-Streit 900 BI Slit
Lamp Video System

CAMERA IS ON THE LEFT OCULAR

For optimal views,
candidates **must** use
focus rod to focus the
oculars

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

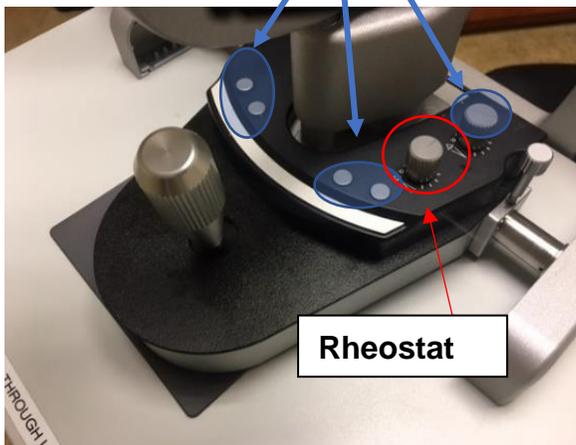


Magnification:
10X or 16X
(left) (right)



Power:
blinking green = **standby**
solid green = **on**

Non-functioning buttons



Rheostat



Lens Overview

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

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



Miscellaneous Supplies

Alcohol Wipes



Kim Wipes



Tissues



Elbow Rest

