Clinical Skills Exam (CSE®)

SITE INFORMATION & EQUIPMENT LIST

EXAM DATES:
August 2020 – July 2021
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 Digital Clear Field Lens
  - Volk VDGL1 Digital High Mag Imaging Lens
  - Volk Digital Wide Field Lens
  - Volk 78D & 90D Lenses
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
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 off/on 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

- Fixation Targets
- Rulers
- Cover Paddles
- Pen Lights
- Tape Measure
- Silver/Gold Wands
- Alcohol Wipes
- Tissues

**Fixation Target** Third Line from the Top is the 20/40 line

Reverse Side is the PD Ruler
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.

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

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

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

Stand light, on/off

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**

- **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
STATION 3 EQUIPMENT & SUPPLIES

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
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

Stand light, on/off
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

Illumination will be set by the SP

Slide to adjust PD between 48-76

Turn to adjust ocular distance to eyes

Vertical fit

Turn to tighten or loosen fit
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

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

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

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

- Alcohol Wipes
- Kim Wipes
- Tissues
- Elbow Rest