

The Total Exam 3 (TE3) is a handheld, multipurpose USB exam camera. The TE3 can be used for both still images and live video streaming. TE3 requires a Windows based computer with USB 3.0 connection.

**Device Overview**

1. Freeze Frame
2. LED Light Control: Press the button to cycle through four intensity levels, reaching the highest level after the fourth press. Deactivate the LED light by pressing it a fifth time. Otoscope lens only allows for two levels of intensity.
3. White Balance (WB)
4. Non-removable USB attached cable
5. Lock/unlock interchangeable lenses
6. Top of camera for interchangeable lenses
7. 3-Position Pivoting Head



To attach a lens, match up the attachment to the holes on the top of the camera and turn to the right to lock into place

**TE3 Lens and Attachment Options:**



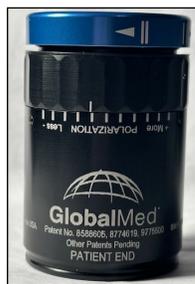
**Otoscope Head**

- Use 12mm-14mm from the eardrum.
- Fixed focus



**Auto Focus Head**

- "AF" button adjusts focus at different distances.



**Variable Polarizing Hood (VPH)**

Eliminates unwanted glare from surfaces that are being examined.



**Derm Hood**

Used for close up exam of skins surface.



**Tongue Depressor Adaptor**

Holds a standard tongue depressor blade for exams.

**Cleaning & Disinfecting the TE 3:**

- **Outer surfaces of the equipment and cord:** clean with a disinfecting wipe.
- **Camera part of body** use a lens cloth or soft cotton swab with a CDC approved lens cleaning solution.
- **Auto Focus Head:** clean with a lens cloth or soft cotton swab.
- **Otoscope Head:** gently clean with a 90% (or higher) Isopropyl alcohol wipe.



**Using the TE3 Lenses and Attachments:**

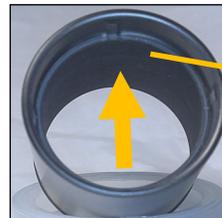
**Tongue Depressor Adaptor**

- Clips to the underside of the narrow neck of the TE3.
- Used with the Auto Focus Head.
- Insert tongue depressor as shown



**Derm Hood**

The Derm Hood fits over the camera lens head, attaching with the ridged side closest to the camera head as shown.



**Variable Polarizing Hood**

- Removes unwanted glare from the surfaces being examined.
- Manually adjust the polarization by turning the dial near the camera lens (excluding the blue piece).
- Use with disposable touch collar.



← Patient End

**Otoscope Head**

- Use 12mm-14mm from the tympanic membrane.
- Fixed focus.
- LED light is limited to two settings.
- Compatible with disposable Welch Allyn Adult Specula.



**White Balance:**

The **WB button** allows the user to adjust the way light affects an image and adjusts for poor contrast and color.

There are two white balances for this camera. One for a distance (> one meter) and one for close up (< one meter)

**Distance WB (greater than one meter)**

1. Hold white sheet of white paper in front of the subject and aim camera at the paper
2. Press the WB button once the field of view is filled with the paper

**Close up WB (less than 1 meter)**

1. Hold a white sheet of paper about 100mm or 4 inches away from camera
2. Select the desired LED light setting (press once for low and continue pressing to increase level to highest 4 presses. Press once more to deactivate the LED light)
3. Press the WB button making sure the field of view is covered with the paper

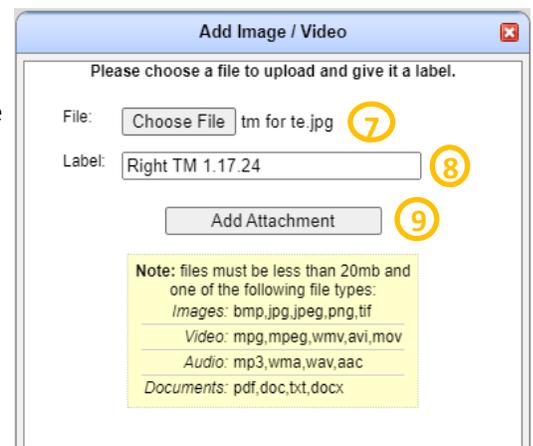
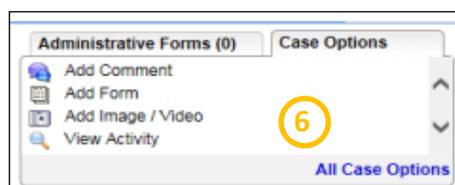
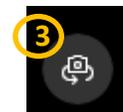
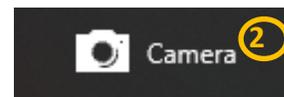
**When using the Otoscope head**

1. Choose LED light setting to level one or two hold white paper 1cm away
2. Press the WB button once the field of view is covered with the paper.



**Adding TE3 Images to AFHCANweb Cases**

1. Confirm TE3 USB connection to computer is secure.
2. From the computer settings menu, select "Camera".
3. Change camera (if needed).
4. Capture desired images. Captured images will go to the computer's camera roll.
5. Create or select desired case in AFHCAN web.
6. Select "Add Image/Video" from the Case Options list
7. Click on "Choose File" button then find and select the image.
8. Label the image .  
**\*Note:** for best practice, include a description of what the image is and the date it was captured in the label.
5. Select "Add Attachment".



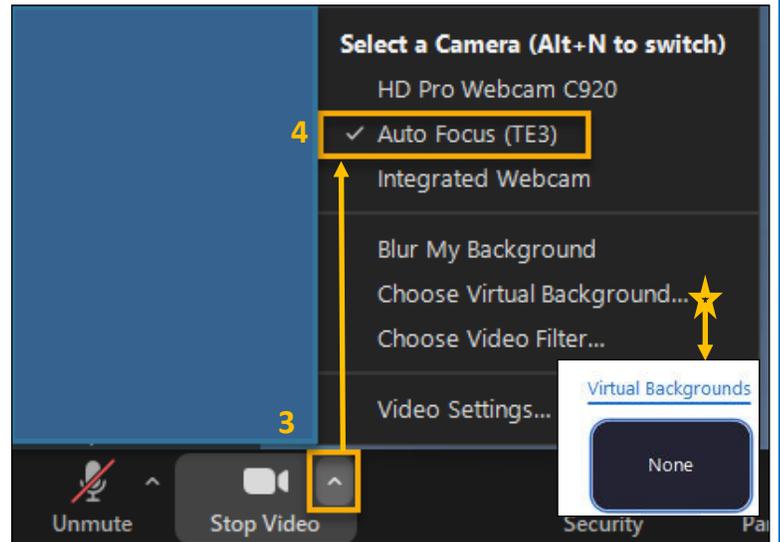


**Live TE3 Video in Zoom:**

1. Confirm Total Exam 3 Camera is plugged in to the USB port securely.
2. Turn on camera in Zoom.
3. To change the camera feed to the TE 3, click on the up arrow next to video camera icon located at the bottom left of the Zoom screen.

**\*Note: TE3 will not work with a virtual background on.** To remove it, click "Choose Virtual Background" and select "None".

4. Choose Auto Focus (TE3) or Otoscope (TE3) (label will depend on the lens in use).



**Using TE3 with AFHCANcart**

1. From the "Add to Case" screen of the cart select the "Otoscope" (button label may vary by location) button.
2. Select the TE3 from the video source menu.
3. Capture options:
  - A. **Freeze then save:** use the Freeze Frame (FF) button on the camera or the "Freeze" button on the cart.
  - B. **Direct Capture:** select the "Take Picture" button to capture.
4. On the left side of the screen, check the "Save" box for any captured images you want to keep. Unchecked images will not be saved.
5. Click each image to label, include a description and date in the label.
6. Choose the "Save" button on the right of the screen to add labeled images to case.

