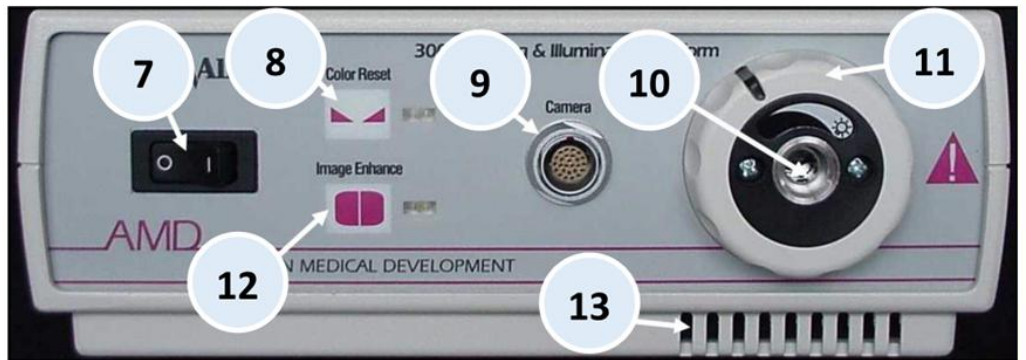


### The Welch Allyn Otoscope

1. Fuse Drawer
2. Composite Video Outputs
3. S-Video Outputs
4. Fan & Grill
5. Power Output
6. Serial Number
7. Power Switch
8. Color Reset Button  
"White Balance"
9. Camera Port
10. Light Port
11. Light Control Knob
12. Image Enhance Button
13. Light Vent



**DO NOT BLOCK THE COOLING FAN**

### Operating the Welch Allyn Otoscope

1. Turn on power. When the power switch is on, the fan will power up and light will be emitted from the end of the Otoscope tip and through the light vent.



2. Ensure that the Light Control Knob is turned all the way to the right for maximum light output.



**ONCE THE LAMP IS TURNED ON IT WILL TAKE AT LEAST 15 SECONDS TO FULLY LIGHT UP  
WHEN YOU TURN ON THE LAMP LEAVE IT ON FOR AT LEAST 60 SECONDS BEFORE TURNING OFF**

3. Perform a White Balance. A white balance (color reset) should be performed once a week, after the lamp is replaced or whenever the image color appears distorted. To obtain good clinical images the natural colors must be represented in the image.

To perform a White Balance:

1. Aim the Otoscope tip 1/2 to 1 inch away from a uniformly white sheet of paper.
2. While looking at the Otoscope light box, press the Color Reset button. A green light will flash in the window to the right of the color reset button.
3. When it is done flashing, the white balance is complete. Release the Color Reset button.



## Welch Allyn Otoscope How to Capture Images

### Using the Otoscope

1. Use an alcohol swab to clean the tip of the Welch Allyn Otoscope, attach the insufflation blub to the earscope, tilt the tip downward and squeeze the insufflation bulb vigorously. Any excess alcohol and/ or debris will be forced from the Otoscope tip.



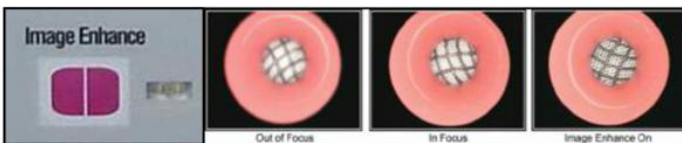
2. Twist a Welch Allyn speculum clockwise onto the tip of the Welch Allyn Otoscope until it is tightly secured; see below.



3. Pre-focus the Otoscope by placing the focus tool on the end of the Otoscope and turning the focusing ring until the image is clearly focused on the AFHCAN Cart monitor.



4. Press the Image Enhance button to sharpen the image after focusing the Otoscope.



### Troubleshooting

1. No light source? Check cords to ensure they are all secure; ensure light control knob is all the way to the right; replace bulb if needed (contact IT for assistance).
2. Focusing issues? Use the Image Enhance feature, clean tip of scope.
3. Color not accurate? Perform white balance, ensure light control knob is set appropriately.

5. Hold the Otoscope as trained when imaging.



6. The white dot on the camera head should always be oriented to the top of the ear; this ensures that the image is correctly oriented on the AFHCAN Cart monitor. Loosen the set screw on the coupler, rotate the camera head, and then re-tighten the set screw.



7. When finished be sure to hang the hand piece in the bracket as pictured here.

