

PVS User Guide:

1. Device turns on when plugged into wall; to turn off, unplug from wall
 - a. The unit can also be turned on/off with a remote, so long as accompanying power block is used
2. Dim the lighting in the room/close window shades
3. Turn on alignment lights by pushing button "A" (see picture below) once
 - a. *Make sure lens cap is off!*
4. Adjust your position to the child so that the two red alignment lights are side-by-side on the bridge of the child's nose
 - a. This step will set the correct testing distance
 - b. It is also best to keep the device level and not tilt it upward or downward
5. Once the lights are aligned, press the "A" button a second time to gather the background signal
 - a. For proper measurement, child's eyes **must** be closed while capturing background
 - b. There should be 3 faint "beeps" heard after you push the button
 - c. If child is uncooperative, background can be taken off of a parent's forehead
 - d. Once the Background LED light (see picture) is solid green, have child open eyes and proceed to final step
6. Press button "B" once to turn scanning lights on
 - a. Adjust the alignment lights similar to background signal step
 - b. Ask patient to look at the illuminated smiley-face inside the device
7. Once aligned, and with child looking into device, press "B" button again to administer test
 - a. Faint beeps will again be heard
 - b. Test results will be presented in numerical form on LCD screen
8. To scan a new patient, or rescan a patient, start at step #3

The most effective results tend to be when the user is adept at going through the process fluidly. Gaining the attention of the child during the last step is most important, as they will stare intently at the smiley face if the user is able to express excitement for what is inside, and is also able to not reveal the smiley face too soon. Being able to adjust the alignment lights, revealing the smiley face, and administering the test can all be done in one motion, but requires practice.

