

Ocutech VES® II

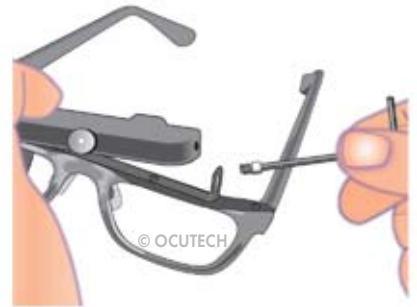
(Vision Enhancing System)

Fitting Guide

Positioning the VES® for the Proper Eye

The VES® is a monocular telescopic system. The choice of which eye to choose for the prescription of the VES® in binocular patients is a function of which has the better visual acuity as well as the patient's preferred sighting eye. The VES® gives you the option to evaluate either eye, as it is completely interchangeable for the right or the left.

If the VES® is not positioned on the frame for the proper eye, remove the "side screws" with the allen wrench and flip the telescope over to position it for the proper side. Then re-insert the "side screws".



Focusing is Quick and Convenient

Adjusting the focus of the VES® is easy. The front focusing knob doubles as a focusing correction for the patient's prescription as well as to focus the telescope for different distances.

Demonstrate the convenient focusing of the VES® cautioning the patient not to block the front window opening of the telescope.

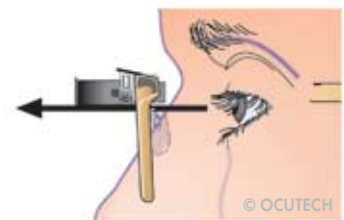


Changing the Positioning of the Telescope From Standard to Low Mounting Position

The VES® can be prescribed in the standard "above the frame" position or in the optional "low mounting" position. The choice of the appropriate positioning is a function of the intended use of the device as well as the anatomical features of the patient. Patients with wide or high bridges may prefer the low mounting position, as do users who intend to use it for intermediate and near rather than distance tasks.

Bottom mounting is accomplished by attaching the telescope beneath the mounting plate rather than above it using the optional bottom mounting bracket as described in the four steps that follow: (The standard mounting bracket will work in many circumstances, however the optional bottom bracket will provide a wider range of adjustment.)

1. Remove the VES® from the bracket by unscrewing the allen screws from each end.
2. Remove the bracket from the mounting plate by removing the two bottom screws.
3. Reattach the bottom mounting bracket beneath the mounting plate with the feet facing toward the back of the frame.
4. Attach the telescope back onto the bracket with the back of the telescope flush to the front of the bridge of the frame and the bottom screws coming down through the top of the plate. Use of a screw-holding screwdriver is recommended. (Available from Ocutech and included in the diagnostic kit.)



Frame should position slightly higher on the bridge.



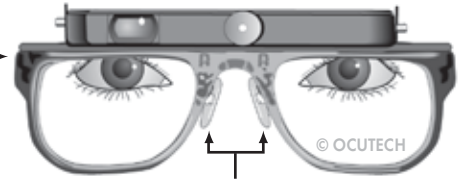
The eyepiece should position slightly above the pupil shown here.

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Fitting the VES® Is As Easy As One, Two, Three.

Step 1 Place the system on the patient and adjust the temples in the normal fashion. Position the frame on the nose by spreading the nose pads until the frame is as low as possible without unacceptable cut-off of the superior field.

Align top of eyewire of frame with top of pupil or bottom of upper lid – whichever is lowest.



Spread the nose pads to allow the frame to fit as low as possible while keeping a short vertex distance.

Step 2 Demonstrate to the patient how the telescope moves right and left on the frame. Explain that once you put it on they will help you move it right and left, fine tuning it like a radio, until it is lined up with their line of sight. When it is aligned, they will see a full circle (not cut-off) and the image will be brightest.



Have the patient move the telescope right and left until the eyepiece is properly centered for the widest field of view and brightest image.



Carefully tighten the “bottom screws” to lock the telescope in place for the patient’s line of sight.

A slightly decentered position may still produce a full field but image brightness will be reduced. When placing the VES® on your patient preadjust the focus, place the telescope close to the proper PD, and tilt the telescope up higher than you would expect. The extra tilting seems to help the patient “get into the telescope” a little easier. Once the PD is set, carefully tighten the bottom screw. By loosening the side screws the telescope can be moved in and out for additional vertex distance control.

Step 3 Have the patient drop their chin and look up through the telescope. With the side screws loosened, have them change the tilt of the telescope until the image is again fullest and brightest. Have them switch between the carrier and the telescope several times to confirm the best positioning. Tighten the side screws and the fitting is complete.

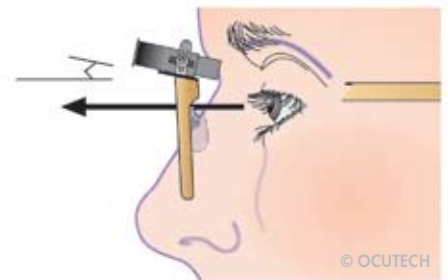


Ask the patient to adjust the angle of the telescope for the widest field of view and brightest image.



Tighten the “side screws” with the allen wrench. Have the patient hold one end to keep the telescope in position.

This angle should be as small as possible.



In primary position, the frame should be low on the bridge but NOT DOWN THE NOSE.

OCUTECH® Vision Enhancing Systems

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