

Optergo Fitting & Photo Guide

Clear and well-taken photos greatly increase the chances of getting a perfect fit for the customer's loupe glasses. This guide helps ensure the images meet the quality needed for the best possible result.

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Fit and adjust the frame

Fit and adjust the frame on your customers' face before you take any pictures.

- Rule of thumb, the outer edge of the frame should be even with the widest points on the head (usually just above the ears).
- The size of the frame is also contingent upon the prescription.
- It is possible to dramatically reduce the overall thickness of the lenses by using a smaller frame size.
- If unsure about the frame size, please take time to fit the two different sizes and take two sets of pictures.
- A poorly sized/fitted frame can reduce the angle at which we can mount the systems.
- The frame needs to be adjusted to sit straight, aligned with the eyes.
- In the glass of the fitting frame, you will find a horizontal thinner line going through the lenses, this is to help you to fit the frame straight.
 - It's not necessary for the line to go through the center of the pupil.

Fit and adjust the frame

Fit and adjust the frame on your customers' face before you take any pictures.

- The temple tip adjustments should be bent so there is a 2mm gap from the curve of the temple tip to the back of the ear and be sure the other side corresponds.
- Don't make the mistake of tightening the temples against the back of the ear, thus "hooking" the temples of the frame to keep them from slipping down the nose.
- In reality, this serves only to promote customer discomfort and can force the temples to ride up the ear allowing the eyewear to slip forward.
- Leaving a 2mm gap behind the ear allows wearing comfort and gives some leeway for minor misalignment.

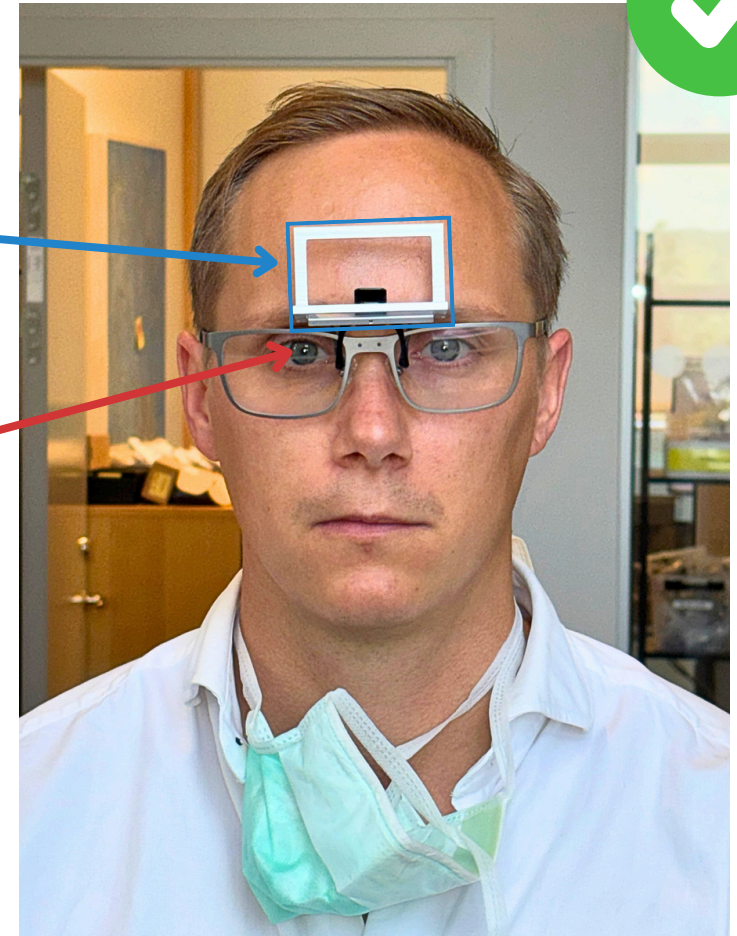
Nose-pads:

Pay particular attention that both sides of the bridge touch the nose at the same time, and rest comfortably on both sides. You may have to open the saddle-arms to lower the height of the frame or decrease the space to raise the frame.

How to take pictures?



1. **Stand about 1,5 - 2 meters away** from the customer.
2. Place the photo-jig as shown in the reference image.
3. Leave a small gap between the jig and the upper part of the frame.
4. Place the jig straight.
5. **Make sure the camera flash is turned on.**
6. Use standard camera mode, don't use portrait-mode or any other special modes.
7. The pupillary center/optical center is the white dot you will see in the pupils. (Where the light converges on the retina)
8. Tap the screen if you want to have better focus on the object. Avoid excessive zooming, leave some background visible around the face.
9. Align the camera straight, be careful not to take the picture with the camera angled up or down. The underside and the top of temples should be exposed to an absolute minimum, the same rule for the sides of the temple-tip.
10. Make sure to send the picture in as high resolution quality as possible.



*If you have multiple camera lenses on your device, ask your customer to look between the cameras. If you only have camera lens, ask them to look directly into it.

How to take profile-pictures?



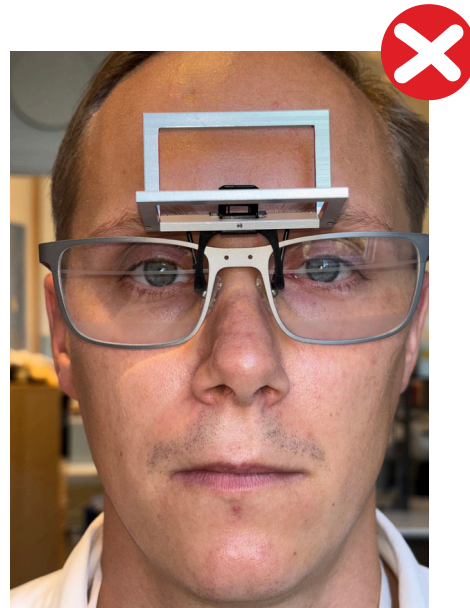
1. Position the customer so that you can hold the camera at the same height as their temple. Make sure the camera is level and not tilted.
2. Ask the customer to hold the ball at the height of the lower part of their sternum. The ball should be held at a forearm's distance from their body.
3. Instruct the customer to look straight ahead. Then ask them to rotate their eyes downward towards the wide blurred/matte area at the bottom of the lens.
4. While the customer focuses on the middle of the ball (the blue line): Ask them to slowly lower their chin until the dark blue line is just visible above the blurred/matte area.
5. Use the photo-jig to confirm correct alignment. No red areas should be visible on the jig - this indicates that the camera is properly aligned.



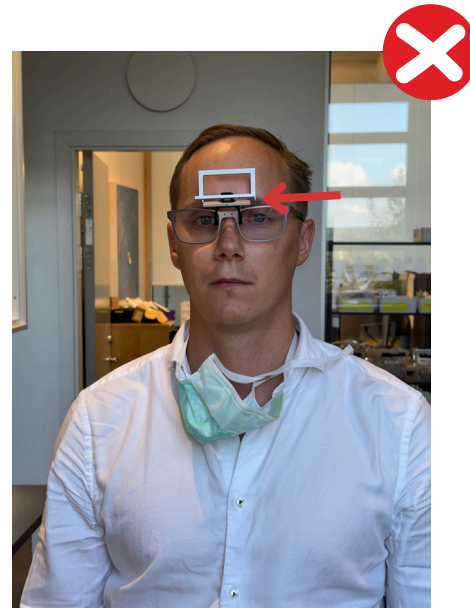
Examples of incorrectly taken pictures



Wrong position.



Too close and zoomed in.



The picture is taken from a side angle. Temple should not be visible.

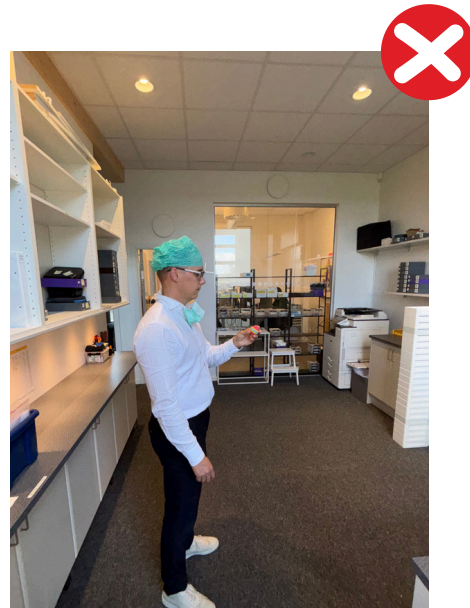


The blue line on the ball isn't at the correct angle.

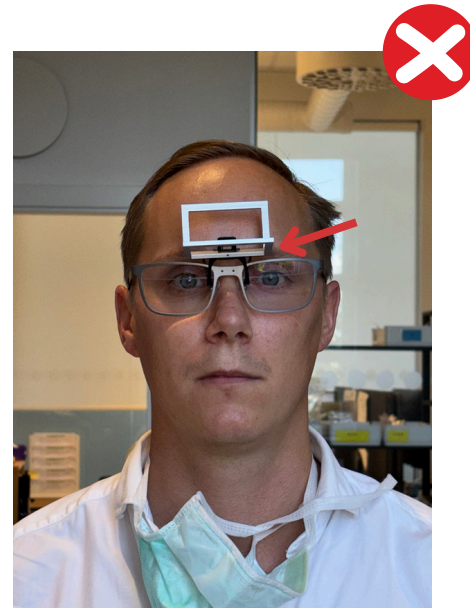
Examples of incorrectly taken pictures



The temple tip isn't visible on the ear due to the cap.



Bad resolution and the picture is taken too far away.

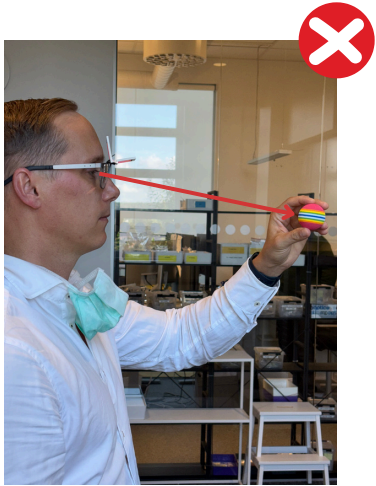


The picture is taken from below.



The image is shot from a slightly behind perspective.

Examples of incorrectly taken pictures



The customer is looking in the wrong place. They need to look through the blurred/matte area at the bottom of the lens, not at the line.



Instruct the customer to take off the face mask.



Instruct the customer to take off the cap.



The picture is taken from a too high angle.



The temple tip isn't resting on the ear.