# MLPELI PRISM

## Fitting Guide

- ML Peli Prism is used for patients with Hemianopia.
- ML Peli Prism enables the patient to detect movements / obstacles in the blind field.
- Based on Fresnel prism technology, with the advantage of thin lenses.
- Available as Press-On prism segments and as ML Optio lenses with Fresnel prism segments mounted into a lens.

## Fitting Procedure for ML Peli Prism

1. Place the test frame on the patient and mark the pupils position for far distance.
2. Remove the test frame and use the alignment tool (found on the back side of this fitting guide) to find the position where to mount the Press-Ons. Simply put the marks for the pupils on the cross and place the Press-Ons as indicated on the alignment tool. Make sure you place the prisms with base out.
3. Verify fitting positions and remove marks from front of the lens.
4. Test the solution using the test recommendations below.

## Test recommendations

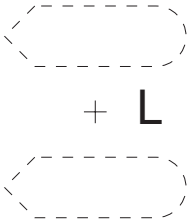
- Demonstrate the prism effect with a Binocular Confrontation Test.
- Show how the patient, after detecting on an object in the segment, should rotate the head and asses the obstacle.
- Inform and show that there will be duplicated images, diplopia, in the peripheral visual field.
- Place an object in the blind field and ask the patient to grab the object when it is detected in the prism - "Reach-and-touch exercise".
- Let the patient walk in an enviroment where there is an obstacle to detect.

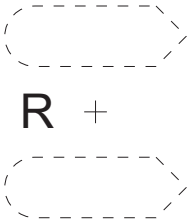
# ML Peli Prism Press-on Placement Instructions

The pointed end indicate the base out direction and should be faced towards temporal side (Refer to picture below). For right Hemianopia, place these on the patient's right lens. For left Hemianopia, place them on the patient's left lens. Peli Prism has 12 mm separation between upper and lower prism segments, 6 mm over and under the pupil. After observing the patient's head posture, adjust the heights for patient's comfort and ease of obstacle defection. Make sure to document final fitting positions, as shown below:

# ML Peli Prism Press-on Alignment Tool

- Place the mark for the pupil position on the cross.
- Place the Fresnel Press-Ons on the back side of the lens where the guides indicate. Ensure that the pointed end is pointing outwards.




# How to order permanent ML Peli Prism with perscription

- Power for Right and Left (Single Vision). Max sf: ± 4,0  Cyl -2,0
- PD and Pupil height (in Box system).
- Indicate prism segment configuration: **i)** Single or double **ii)** Right or Left eye and **iii)** 40 or 57 prism (40 standard).
- Height of segments in relation to the frame. The lower segments will be positioned 6 mm under the pupil and the upper segment 6 mm over.
- It is important to select a frame that is high enough. Minimal recommended height is 38 mm for double segment and 26 mm for single segment. The minimum distance between a segment and the frame needs to be 1 mm.
- The segments will be positioned straight under / over the pupils.