



# OPTICARE

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## **Myonic Digital Fitting Guide**

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Envision the Possibilities

## 1. Patient Criteria

- ▶ Children 5-16 years old.
- ▶ Check Rx every 3 months.
- ▶ If Rx changes by -0.5D or more update to new Rx.
- ▶ Allow 1-2 days for adaptation.

## 2. Clinical Criteria

- ▶ Assessment of all ocular motor tests.
- ▶ Assess hporias.
- ▶ Assess to find the dominant eye.
- ▶ Assess if Prism is needed.
- ▶ Determine Rx.
- ▶ Measure axial length (critical for longitudinal analysis and comparing to normative data).



## Fitting Guide

- ▶ Frame: minimum eye size of 45mm.
- ▶ Frame Alignment to be horizontal and 3-5% pantoscopic tilt if possible.
- ▶ It is a digital lens so it has a dedicated RE / LE and dedicated top/bottom (like progressive lenses).
- ▶ Pupils to be within +/- 4mm of horizontal frame centre.

## Pupil Height and Distance PD

- ▶ Adjust the frame as indicated above.
- ▶ Ask the patient to look in the distance and draw a vertical through the centre of the RE and LE Pupils. Then measure monocular Distance PDs.
- ▶ Then draw a horizontal line through the centre of the pupils to intersect the vertical line. The intersect point will give the pupil centre. From this pupil centre use the Box Measurement System to determine Pupil Height.
- ▶ Take the frame off the patient's face and replace. Repeat the above 3 steps if needed.



Ensure the Pupil horizontal line is aligned with the frame in a horizontal position.

## Power Range

	Sph Range	Cyl Range	Materials
Stock	-1.00 to -6.00	NA	1.56 Blue Guardian + Skye MC
Grind	-0.50 to -20.00	-0.00 to -8.00	1.56, 1.6, 1.67 Blue Guardian + Skye MC

