

# SAM MF® GP

## FITTING GUIDELINES

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The Practitioner provides the following parameters:

- Spectacle refraction including sphere, cyl, axis and add, as appropriate
- Back Vertex Distance (BVD)
- Keratometer readings (preferably with axes)
- Horizontal Visible Iris Diameter (HVID)
- Dominant eye
- Pupil diameter in normal light

Identification of the dominant eye enables a slightly larger area, for the near and near/intermediate powers, to be worked into the lens for the non-dominant eye. This promotes a more 'comfortable' binocular relationship. This information should then be passed to UltraVision Customer Services when placing your order.

## ASSESSING THE FIT

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Due to back surface geometry and dynamics of the lens, the fitting criteria are the same as for most other single vision GP lenses.

A good fit should have the following characteristics:

- Centred well on cornea
- Movement good on blink with slight lid hitch
- Lens should translate well on downward gaze

A flat fit will have the following characteristics:

- Too much movement
- Poor comfort
- Unstable vision
- Requires a positive over-refraction

A steep fit will have all the following characteristics:

- Too little movement
- Will not translate well
- May have poor visual acuity
- Requires a negative over-refraction

Once an optimum lens fit has been achieved then fine tuning to the prescription can be carried out by over-refraction if necessary. This should be done binocularly with spheres for the distance first and then carried out again for near. The results of the over-refraction should be sent to UltraVision who will then calculate the new prescription required.

## ADJUSTMENTS TO LENSES

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In the event that adjustments are required, we request that practitioners do not make their own adjustments, and instead supply symptomatic details of any problems along with any refractive information direct to UltraVision. The Clinical Services Department who have access to the details of the complex structure of the lenses, will then determine the final specification of the lens to be made. This will enable the laboratory to affect the best combination of adjustments whilst retaining all the benefits of the SAM® technology.

## IMPORTANT NOTES ON AFTERCARE VISITS

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- As with all progressive multifocal corrections, there is an adaptation period of at least one week of regular wear.
- Minor with-the-rule astigmatic errors may be ignored if the patient copes without this correction in their spectacle Rx or single-vision soft lenses.
- Should unsatisfactory vision result from a lens, an over-refraction\* should be performed, first for the distance, then, independently for the near.

\* The use of pinholes or similar techniques in over-refraction of the SAM® Multifocal is ineffective as an aid to evaluating visual results.

FOR FURTHER DETAILS  
CALL **0800 585115**  
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