Fitting and Reference Guide

PRIOR TO FITTING
1) Determine the patient's spherical equivalent prescription and correct to the corneal plane.
2) Determine the distance refraction, reading add and dominant eye.

PolyVue

For questions, inquiries, consultation or to order call: (877) 734-2010

Selecting a PolyVue Lens

Astigmatism Diopter	No Add Requirement	Up to +1.00 Add	+1.25 to +2.50 Add
0.00 to -0.50	HD/HD2/Dailies	HD/HD2/Dailies	HDX/HDX2
-0.75 to -1.25	HD/HD2/Dailies/HDT	HD/HD2/Dailies/ HDT	HDX/HDX2/HDXT
-1.50 to -2.25	HDT	HDT	HDXT

This sheet is intended as a guide only. Final lens selection is at practitioner's discretion.

STANDARD MYOPIC AND HYPEROPIC FITTING Use The Aspherics (HD/HD2/Dailies/HDT)

- Select the appropriate Aspheric lens based on patient's needs.
- Determine lens power from the patient's spherical equivalent prescription corrected to the corneal plane.
- Place the appropriate power lens on the patient's eye and allow it to reach a state of equilibrium (10 – 20 minutes).

Make adjustment in power as necessary. ***The use of hand held trial lenses and over-refraction in ambient light is necessary to achieve best possible results.***

- Observe the lens relationship to the eye in the same manner as any soft lens. If it moves appropriately with blinking, completely covers the cornea, provides comfort and visual acuity it is considered a well fitted lens and may be dispensed to patient.

HD/HD2/Dailies/HDT lenses are effective in masking .75 diopter astigmatism, and sometimes up to 1.50 diopter. To fit greater than -0.75 cylinder with HD-T toric lenses please refer to the toric fitting guide below.

TORIC FITTING (Use HDT and HDXT lenses)

Fitting Tip: Standard HD/HD2/Dailies, HDX and HDX2 lenses are effective in masking 0.75 diopter astigmatism, sometimes up to 1.50 diopter - You may not need a Toric lens!

For offices with fitting kits

- Select either the HD2/Dailies or HDX2 lenses based on patient's needs.
- Determine lens power based on the guidelines elsewhere in this guide.
- Fit the HD2/Dailies or HDX2 lens to the patient and use over-refraction to determine cylinder and axis requirements.
- Call PolyVue to order your Toric trials.

For offices without fitting kits

- Select either the HD2/Dailies or HDX2 lenses based on patient's needs.
- Determine lens power based on the guidelines elsewhere in this guide.
- Call PolyVue to order your Toric

Presbyopic fitting guide on opposite side of this page

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PRESBYOPE FITTING OPTIONS

EMERGING PRESBYOPE FITTING Use the Aspherics (HD/HD2/Dailies or HDT)

When the patients required add power is +1.00 diopter or less determine the lens power by adding +0.50 to the patient's corrected spherical equivalent prescription.

BINOCULAR PROGRESSIVE FITTING

For Patients requiring a +1.25 to +2.00 Add
Use The Progressives (HDX, HDXT or HDX2)

Determine the progressive lens power by correcting the patient's spherical equivalent prescription to the corneal plane.

FITTING TIP: The Aspheric design of all PolyVue lenses is so effective at masking mild astigmatism that for patients with less than -0.75 cylinder, you can simply disregard in your calculations.

BUMPED BINOCULAR PROGRESSIVE FITTING

For Patients requiring a +2.25 to +2.50 Add
Use The Progressives (HDX, HDXT or HDX2)

For the **non-dominant eye** determine the progressive lens power by adding +0.25 or +0.50, respectively to the patient's corrected spherical equivalent prescription.

For the **dominant eye** select the progressive lens power closest to the patient's corrected spherical equivalent prescription.

Confirm binocular far and near visual acuity. Make adjustment in power as necessary. ***The use of hand held trial lenses and over-refraction in ambient light is necessary to achieve best possible results.***

- **To improve near vision:** Add in plus in quarter (+0.25) steps to both eyes. If distance vision becomes unacceptable with this change, add plus to the non-dominant eye only.
- **To improve distance vision:** Add minus in quarter (-0.25) steps to both eyes. If near vision becomes unacceptable with this change, add minus to the dominant eye only. If improvement cannot be made, use one of the Aspheric lenses in the dominant eye. (Modified Monovision fitting)

FITTING TIP: The Progressives do very well with binocular correction of presbyopia. Try modified monovision if a binocular fitting has been unsuccessful.

MODIFIED MONOVISION FITTING

For Patients requiring a +1.25 to +2.50 Add
(Use both Aspheric and Progressive lenses)

For the **dominant eye** determine the Aspheric (HD/HD2/Dailies or HDT) lens power by adding +0.50 to the patient's corrected spherical equivalent prescription. For the **non-dominant eye** select the Progressive (HDX, HDX2 or HDXT) lens power closest to the patient's corrected spherical equivalent Make adjustment in power as necessary. ***The use of hand held trial lenses and over-refraction in ambient light is necessary to achieve best possible results.***

CLASSIC MONOVISION FITTING Use The Aspherics (HD/HD2/Dailies, or HDT)

For the **dominant eye** determine the lens power by adding +0.50 to the patient's corrected spherical equivalent prescription.

For the **non-dominant eye** determine the lens power by adding half of the required add power to the patient's corrected spherical equivalent prescription. (Ex: For a +2.50 Add patient increase spherical equivalent by +1.25)

FITTING TIP: With PolyVue High Definition lenses there is less need to "over plus" the non-dominant eye to achieve good results, making them very effective when fitting classic monovision.

Toric fitting guide on opposite side of this page