

# Procurve+ Multifocal Contact Lenses

*Fitting Guide*



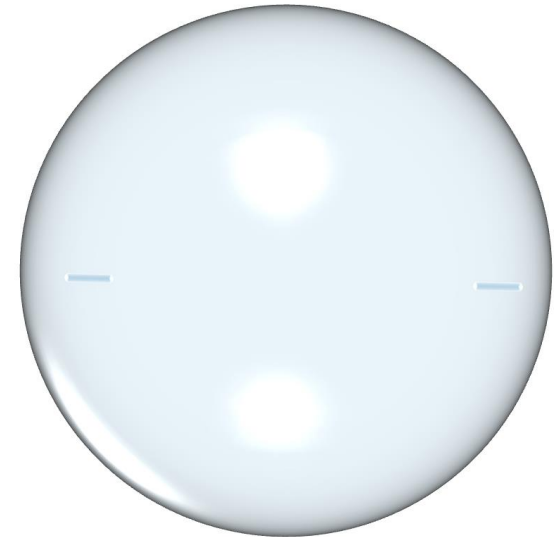


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## 1. WHY PROCURVE PLUS MULTIFOCAL LENSES?

- The Procurve Plus Multifocal can provide optimal vision for presbyopic patients. With a combined back and front surface add, this can provide suitable correction at both VDU and near distances.
- Aspherical fitting ensure an optimum fit on larger diameter lenses. Larger diameters can improve stability and initial adaption for new wearers. Greater patient comfort and visual stability are achieved for patients with larger corneas by fitting diameters over 9.80mm
- Our unique adaptive aspheric back surface design was inspired by a great understanding of peripheral corneal shapes. This design means an optimum peripheral fit is achievable on a greater range of corneas using larger diameters by simply beginning with the flattest K
- Perception wavefront front surface optics for aberration control
- Manufactured on hie freeform Lathe2i, these lenses are produced to a high level of accuracy with excellent surface quality. This is combined with fast delivery times, supporting your clinic time management.
- This is the ideal lens for fits up over 9.80mm with an extensive range of parameters\* including adjustable edge lift. Procurve Plus is also available in a range of materials in order to maximise surface quality and enhance the patient's wearing experience\*



\*See 'parameters' section for more information

## 2. ORDERING EMPIRICALLY

### STEP 1

Measure K's and note these, along with spec rx  
and BVD

### STEP 2

Choose your material\*

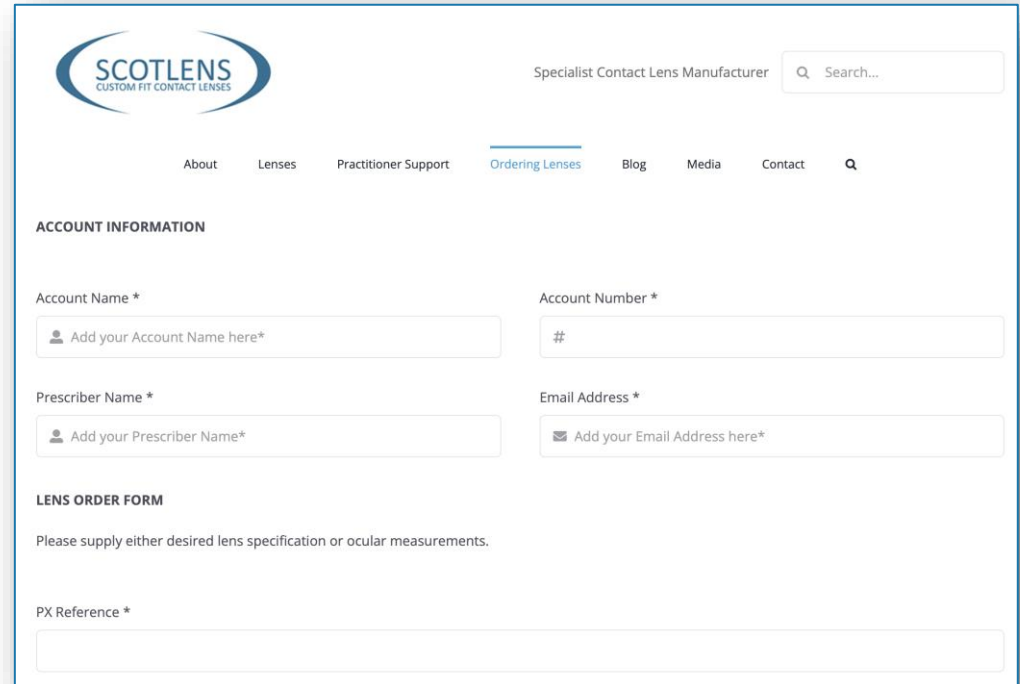
*\*See 'materials' section for more information*

### STEP 3

Visit us to place your order

<https://www.scotlens.com/new-lens-order/>

Or email us [lab@scotlens.com](mailto:lab@scotlens.com)



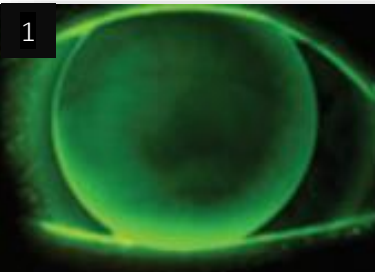
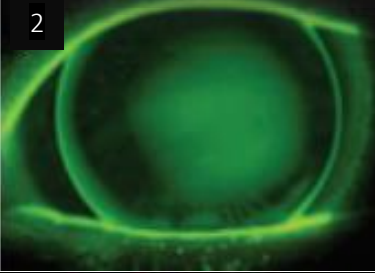
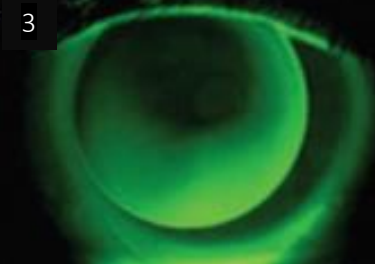
The screenshot shows the Scotlens website interface for ordering lenses. At the top left is the Scotlens logo with the tagline 'CUSTOM FIT CONTACT LENSES'. To the right of the logo is the text 'Specialist Contact Lens Manufacturer' and a search bar. Below the logo is a navigation menu with links for 'About', 'Lenses', 'Practitioner Support', 'Ordering Lenses' (which is highlighted), 'Blog', 'Media', and 'Contact'. The main content area is titled 'ACCOUNT INFORMATION' and contains four input fields: 'Account Name \*' with a placeholder 'Add your Account Name here\*', 'Account Number \*' with a placeholder '#', 'Prescriber Name \*' with a placeholder 'Add your Prescriber Name\*', and 'Email Address \*' with a placeholder 'Add your Email Address here\*'. Below this is the 'LENS ORDER FORM' section, which includes the instruction 'Please supply either desired lens specification or ocular measurements.' and a 'PX Reference \*' input field.



### **3. TOP TIPS FOR FITTING**

- For new wearers, instil anaesthetic to optimise initial patient experience
- Assess lens fit with fluorescein and yellow filter at the slit lamp
- With toric lenses, note any rotation using flat axis marks (- -)

## 4. FIT ASSESSMENT

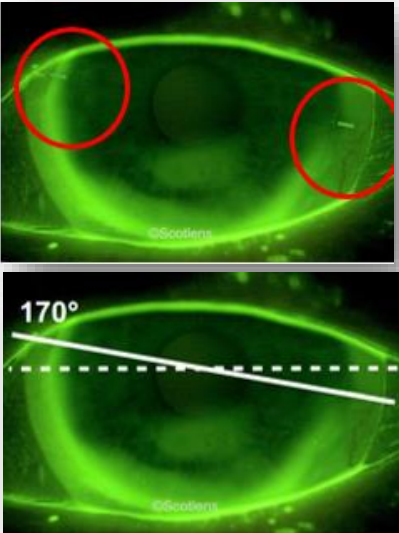
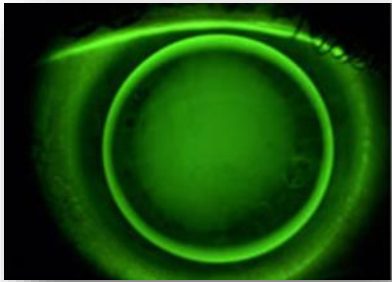
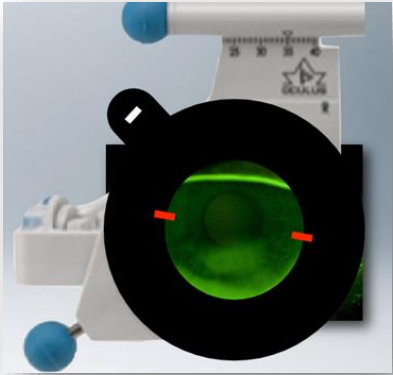
Fluorescein pattern	Description	Action
	<p><b>Optimal fit</b></p> <p>Aligns with corneal curvature Stable movement post blink vertically 1-2mm</p>	<p>None required</p>
	<p><b>Steep fit</b></p> <p>Central pooling</p>	<p>Flatten BOZR 0.1mm and adjust power by 0.50</p>
	<p><b>Flat fit</b></p> <p>No central pooling Excessive movement and edge lift</p>	<p>Steepen BOZR 0.1mm and adjust power by 0.50</p>

## **5. TOP TIPS FOR VISUAL ASSESSMENT**

- Assess the acuity with a distance chart and maximise plus in each eye in +0.25 steps before assessing near vision
- Use a realistic target for near such as N8
- If the patient has particularly high near vision requirements it may be beneficial to give additional plus in the non-dominant eye, whilst ensuring that the distance vision remains acceptable
- With toric lenses, align cross-cyl with the flat axis markings\*
- Make any necessary adjustments before dispensing the lenses

[\\*https://youtu.be/DldFSnTSLfY](https://youtu.be/DldFSnTSLfY)

## 6. TORIC OVER REFRACTION

Locate	Adjust	Over Refract	Combine
<p>Locate the flat meridian axis marks on a fully settled toric lens. These should be aligned to within 20 degrees of the flattest K reading and be stable</p> 	<p>If there is rotation of the markings, address any issues with the fit by adjusting the BOZR before attempting a toric over refraction</p> 	<p>Carry out your over refraction with the minus cyl axis aligned with the lens markings as shown</p> 	<p>The sphere power is combined with both meridians, and the minus cyl power is combined with the steep meridian, as the cyl power is at 90 degrees to the axis</p> <p>This information can then be recorded on the online form on the website <a href="http://www.scotlens.com">www.scotlens.com</a></p>



## 7. FITTING USING A TRIAL SET

K's	BOZR	Rx Adjustment
0.00 to 1.75 D Cyl Ks differ up to 0.35	Select back optic zone radius 0.1mm steeper than flat K	Add -0.50 to the spec Rx sphere*
Over 2.00 D Cyl Ks differ 0.40 or more, fit CC toric	K FLAT BOZR -0.05mm K STEEP BOZR +0.05mm	Power Flat meridian add -0.25 to the spec rx* Power Steep meridian add +0.25 to the spec rx*

\*Spectacle Rx should be minus cyl form. Correct for BVD is spec Rx is over  $\pm 4.50$

## 8. MATERIALS

	<b>Dk</b>	<b>MATERIAL</b>	<b>RECOMMENDED APPLICATION</b>
<b>LOW</b>	11	F2 Low	Daily wear for lenses below 9.00mm
	17	Scotlens GP1 (No exchange)	
	18	Boston ES	
	26	Contamac Optimum Classic	
<b>MID</b>	58	Boston EO	Daily wear for lenses below 10.00mm
	65	Contamac Optimum Comfort	
	40	Paragon HDS	
<b>HIGH</b>	100	Boston XO	Night lenses, daily wear, extended wear, scleral and corneoscleral
	100	Acuity 100	
	100	Contamac Optimum extra	
	100	Paragon HDS 100	
<b>HYPER</b>	125	Contamac Optimum Extreme	All day wear, extended wear, corneal pathology present, 6 monthly frequent replacement, sclerals
	141	Boston XO2	
	160	Optimum Infinite	
	200	Acuity 200	

## 9. TROUBLESHOOTING

Observation	Modification
Fluorescein pattern shows an alignment fit but lens is riding low	Increase the total diameter by 0.5mm
Fluorescein pattern shows an alignment fit but lens is riding high	Steepen the lens if slightly flat or increase the total diameter by 0.5mm
Fluorescein fit shows alignment but there is excessive movement	Increase the total diameter by 0.5mm
Lens is dropping in an arcuate pattern	This can indicate a flat fitting so double check the fluorescein pattern, by gently centring the lens manually if necessary
Poor wetting	Consider changing the material, for example Boston EO
3 & 9 o'clock staining	This can be caused by poor centration, a lens that is fitting too flat or can be linked to tear film issues. Manage the underlying cause first and if the staining persists, try adjusting the diameter or back surface design or send us images for advice



## **10. PARAMETERS**

BOZR	4.00-12.00mm
Diameter	9.80mm or custom
Power	Spherical+/-25.00D Toric <7.50 dioptres between meridians
Add range	0.75-3.00D
Back Surface	Spherical Toric (>1.50mm between meridians)
Front surface	Spherical Toric
Axial edge lift	140µm or custom

## **11. WARRANTY**

### RETURNS, EXCHANGES & CREDITS

- Lenses come with standard exchange.
- Order the adjusted power lens(es), patient can continue to wear initial pair.
- New lenses will arrive with a warranty card. Issue the new lenses and return initial with warranty card.
- Standard exchange is one free exchange, thereafter 50%, within 3 months of initial order. There is a £4 administration charge per lens.
- Any right that you have to reject the goods as not complying with the contract or delivery note/invoice must be exercised within 5 days of delivery.
- See current price list for full current T&C.



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