

Raytrace™

Toric On-line Ordering System

For the Rayner T-flex® Toric, M-flex® T Multifocal Toric
and Sulcoflex® Toric IOLs



For Toric calculations and more!

 Rayner

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Raytrace™ - For Toric calculations and more!

Easy to use

- Simple step-by-step approach.
- Fast – calculation performed instantly.
- Selection of lens powers offered.
- Estimated post-operative refraction data provided for each lens offered.

Convenient

- Web based – can be accessed online from any PC, anywhere in the world.
- Automatic confirmation e-mail summarising patient data and selected lens.
- Fast despatch of a wide range of "off-the-shelf" toric lenses.

Accurate and predictable

- Unlike some online systems, performs full power calculations including sphere, cylinder and spherical equivalent.
- Calculations can also take account of surgically induced astigmatism (SIA).

Flexible

- Selection of Rayner IOLs offered that best match your patients' needs.
- Selection can be changed and estimated post-operative refraction updated.
- Personal account – ordering details stored for ease of use.
- Personal database – order history, previously entered data, including patient calculations, stored for further reference.

Cost-effective

- No unnecessary and tedious paperwork.

Step 1

Access the Raytrace™ Toric On-line Ordering System via the Rayner website, www.rayner.com

Enter your user name and password supplied by Rayner.

During your first log-in procedure, you will be prompted to enter a new password.



Step 2

After logging in, you will be offered four options via the menu page:

- **New Patient** – to enter patient data and perform the calculation.
- **Previous Patient** – Previously entered calculations can be reviewed.
- **Manage Orders** – Historical and current data for all orders placed can be reviewed.
- **Log out**



NOTES:

For further information click the **Help** buttons.

Decimal points must be indicated by a full stop (.) and not a comma (,). If any fields are either incomplete, completed erroneously, or omitted, you will be advised by the appearance of a second window on screen.

Step 3

NEW PATIENT

When **New Patient** has been selected, complete the mandatory fields which are indicated by the white boxes on the web page. The grey boxes are optional.

The calculation can take account of the surgically induced astigmatism (SIA) resulting from the incision. SIA (dioptres) may be entered together with the incision location (degrees).

N.B. The dioptre value entered for SIA represents the total change for both axes, so, for example, a value of 0.5D equals a decrease in corneal power of 0.25D along the incision meridian and an increase of 0.25D along the axis orthogonal to the incision.

When all fields are completed, click **Calculate**.

Step 4

Up to six lens options for the patient are then given and an image is also provided to illustrate the orientation of the lens and the location of the incision.

Select the required option by clicking on the relevant row and click **Confirm selection**.

Note that prior to confirming your selection as above, you may recalculate the lens options by entering your desired IOL sphere and cylinder values in the boxes next to the Recalculate Lens Options button.

N.B. **Terms and conditions** must be clicked prior to confirming the selection.

Estimated post-op refraction			T-flex®			IOL Proposals
Sph eq (D)	Sphere (D)	Cylinder (D)	Sph eq (D)	Sphere (D)	Cylinder (D)	model / range
0.2	0.4	-0.4	15	14	2	62ST STD
-0.1	0.1	-0.4	15.5	14.5	2	62ST STD
-0.4	-0.2	-0.4	16	15	2	62ST STD
0.1	0.1	-0.1	15.25	14	2.5	62ST PRIM
-0.2	-0.2	-0.1	15.75	14.5	2.5	62ST PRIM
-0.6	-0.5	-0.1	16.25	15	2.5	62ST PRIM
0.00	0.00	0	15.37	14.05	2.65	Nominal Values

I agree to Reprova's **Terms and Conditions**

Lenses in plus cylinder form e.g. 21.0D +3.5D
 Set values for recalculation
 Sphere Cylinder

Change patient data
Surgeon surgeon DEMO1
 Hospital Anytown Hospital
Patient number 677
 ID 12345
 Date of birth 11.06.1972
 Subject Eye OD(right)
 Target Refraction 0.00
 Pre-Operative Refraction
 Sphere Cylinder Degree
 0.00 0.00 0
Patient data
 Axial length measurement method Optical
 Axial Length (mm) 24.00
 ACD (mm) 4.00
 K1: 7.34 mm, 45.98 D, 120 degrees
 K2: 6.99 mm, 48.28 D, 30 degrees
 SIA (D) 0.50
 Incision location (deg) 200

Step 5

For U.K. customers, a purchase order number is required which must be e-mailed or faxed to Rayner and include details of the online system generated order number.

For overseas customers, the order will be processed by your local distributor – please contact them with your online order number for delivery details.

A confirmation page is then displayed showing lens details.

N.B. Patient details are also repeated at the bottom of this screen.

IMPORTANT
UK customers

For Rayner to process this order we must have a purchase order from the hospital. The purchase order can be faxed or emailed to Rayner and must contain one of the following:
*Reference to the order number
*A copy of the email you will receive shortly from Rayner
Email: customlenses@rayner.com
Fax: +44 (0)1273 324623

Overseas customers
An email with your order details has been sent to your local distributor. Please contact them for delivery information quoting your order number.


Order Number
135
Order Date
14/10/2008

[Printable Version](#)

[Next Patient](#)

[Menu](#)

[Quit](#)



Estimated post-op refraction T-flex® Ordered IOL

Sph (Left) (D)	Sph (R) (D)	Cylinder (D)	Sph Equiv (D)	Sphere (D)	Cylinder (D)	model / range
-0.4	-0.2	-0.4	18	15	2	625T STD

Previous Patient

If **Previous Patient** in the menu is selected, and if patient data has been entered and lens options calculated but no lens ordered, this option allows the data to be retrieved and the order process to be continued.

This option from the menu page allows surgeons to review all the previously entered data and calculated lens options for their patients. By selecting a patient (by clicking on the row) and clicking Select, the previously entered data for that patient is redisplayed along with the lens options.

If a lens was ordered for this patient, then only the patient data and the details of the ordered lens will be displayed, these patients will have an Order ID (right hand column of the table) that matches the order ID on the order confirmation page and confirmation email.

Patients with entered data but no lens order will have an Order ID *-1*.

Note that this table of data can be sorted and filtered via the column headings.

Drag a column header here to group by that column

Patient DataID	PatientID	Date	HospitalID	Hospital	PatientID	PatientDOB	Subject Eye	OrderID
677	14/10/2008		7	Arytown General	12345	11.06.1972	OD	135
671	13/10/2008		6	Other General	1	1	OD	-1
670	13/10/2008		6	Other General	1	1/1/1	OD	134
666	09/10/2008		7	Arytown General	via test		OD	-1
663	09/10/2008		7	Arytown General	6666		OD	-1
661	09/10/2008		6	Other County	123	21.07.74	OD	130
660	09/10/2008		7	Arytown General	Patient ID1		OD	-1

Manage Orders

If **Manage Orders** in the menu is selected, it allows previously selected and confirmed lenses to be reviewed. The patient and lens details for this order are shown.

This will enable orders to be tracked.

Rayner will update the database to show order status.

New User

Access the Raytrace™ Toric On-line Ordering System via the Rayner website, www.rayner.com

Select **New user.**

You will be prompted to enter your details to enable Rayner to create a new account for you.

User Name

Password

[Terms of Use](#) [Privacy Policy](#)

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DESIGNS
FOR VISION
an australian company

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