

# Refractive Surgery Graphics

Upload data

Distributions

S.E. preop vs postop

Astigmatism graphics

Standard graphs for reporting outcomes

Documentation

id	age	sph.pre	cil.pre	axis.pre	K1.pre	K2.pre	axisK2.pre	cdva.pre	sph.post	cil.post	axis.post	K1.post	K2.post	axisK2.post	target	udva.post	cdva.post	Operator	Surgery
1	45	-7	-1.75	95	46.5	45.5	95	08	-1.25	-0.25	90	43.25	47	100	-1.5	0.3	0.8	Dr.A	Lasik

ID and age  
May be left empty

Refraction pre-op  
If left empty or with characters in it, it will be changed to 0

Keratometry pre-op  
May be left empty

Refraction post-op  
If left empty or with characters in it, it will be changed to 0

Keratometry post-op  
May be left empty

Uncorrected and best corrected visual acuity post-op  
May be left empty

Best corrected visual acuity pre-op  
May be left empty

Target spherical equivalent  
Values will be rounded to closest 0.25  
If left empty or with characters in it, it will be changed to 0

Custom variables  
These two column are for any variable you want, may be left empty  
Examples: OD/OS, sex, IOL type, IOL formula, axial length range, addition (for multifocals), location, etc.

Note on refractions  
Refractions will always be shown with negative cilinder If you upload data with positive cilinder, it will be transposed

## Upload data

Note on visual acuities  
The visual acuity can be recorded in different scales, choose before uploading the correct scale here

Press this button to download an excel file with only the headers, the last 2 columns will have the name custom.1 and custom.2, you can change them with the names you want

[Download excel template](#)

**File type**  
Normal

**Choose excel file**  
Browse... No file selected

**Choose the visual acuity format in the excel**

Decimal

Foot (20/x) in cells only the x value

Metre (6/x) in cells only the x value

LogMAR

**EyeData.net**

For an excel file made like shown here choose *Normal*, other file types are for exported data from other organizations or companies.

You can contact us if you want your exported data to be automatically imported in RSG

**Number of missing values per variable:**

Age	0	K1.pre	0
CDVA pre-op	0	K2.pre	0
UDVA post-op	0	axisK2.pre	0
CDVA post-op	0	K1.post	0
OPERATOR	0	K2.post	0
SURGERY	0	axisK2.post	0

Number of missing values per variable  
Here you can see the number of missing data per variable found in the excel file  
Note that refractions and target don't appear here. Because of the validation, missing data for those columns will be change to 0

Subset by  
Here you can subset by a single value in one or both of the last 2 columns

**Number of unique values for the last 2 factors:**

OPERATOR	3
SURGERY	6

**Subset by:**

Operator  
All

Surgery  
All

Unique values for the custom variables  
Here you can see how many different values are for each of the custom variables. If there are too many, some graphics will not be shown. See *Documentation* for details