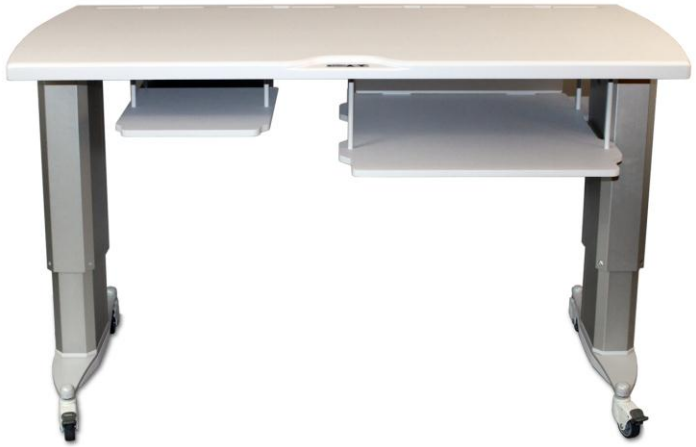
NEW CASIA FUNCTIONS & APPLICATIONS

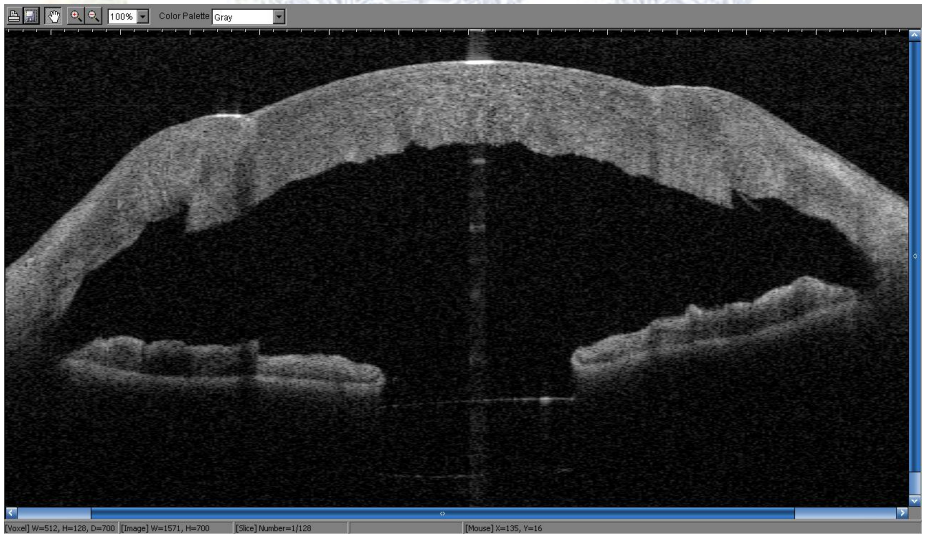
TB-1000 Version 6P

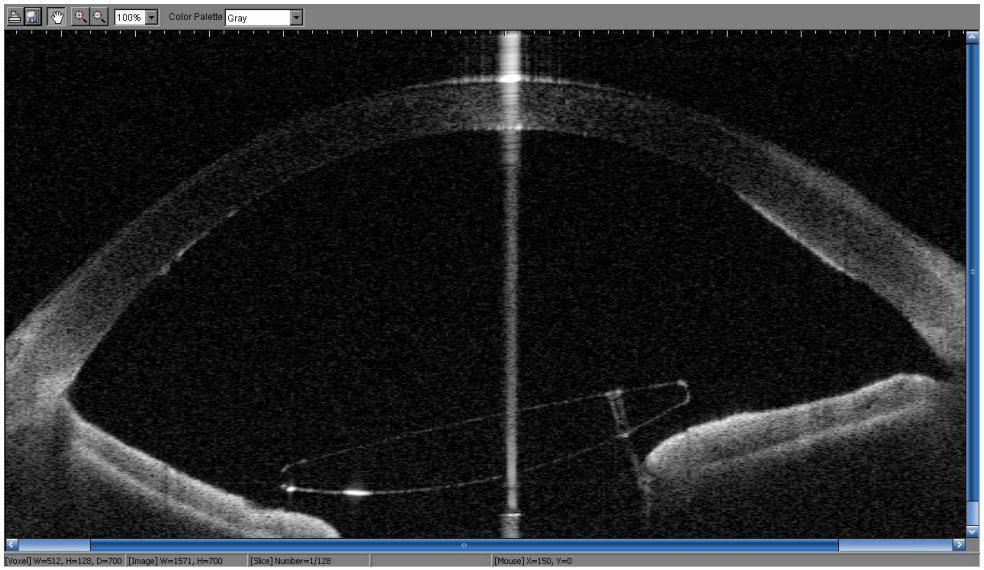
Welcome to the new
wonderful world of CASIA

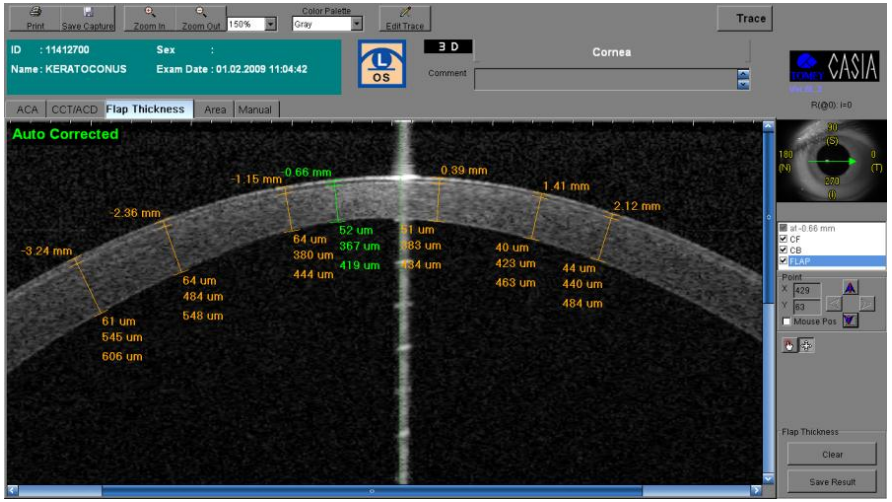


Surely SS-1000 CASIA makes nice images

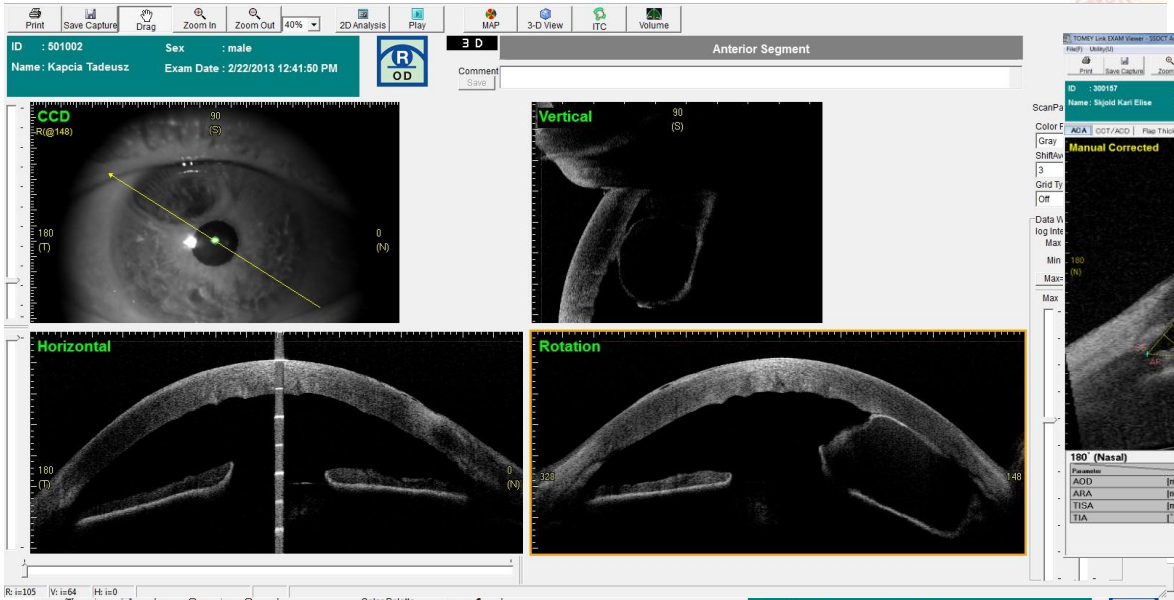
Samples

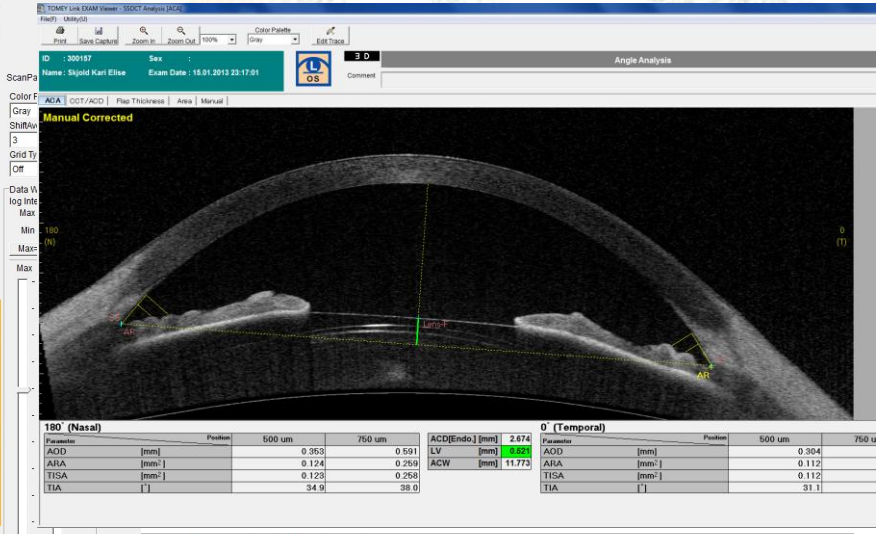


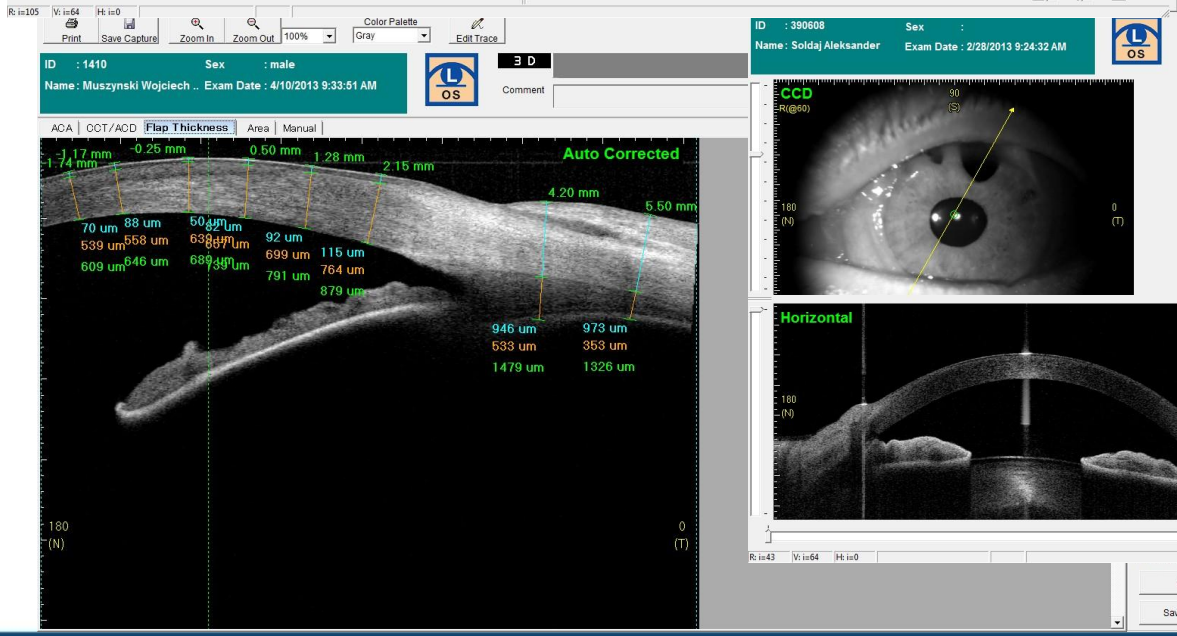


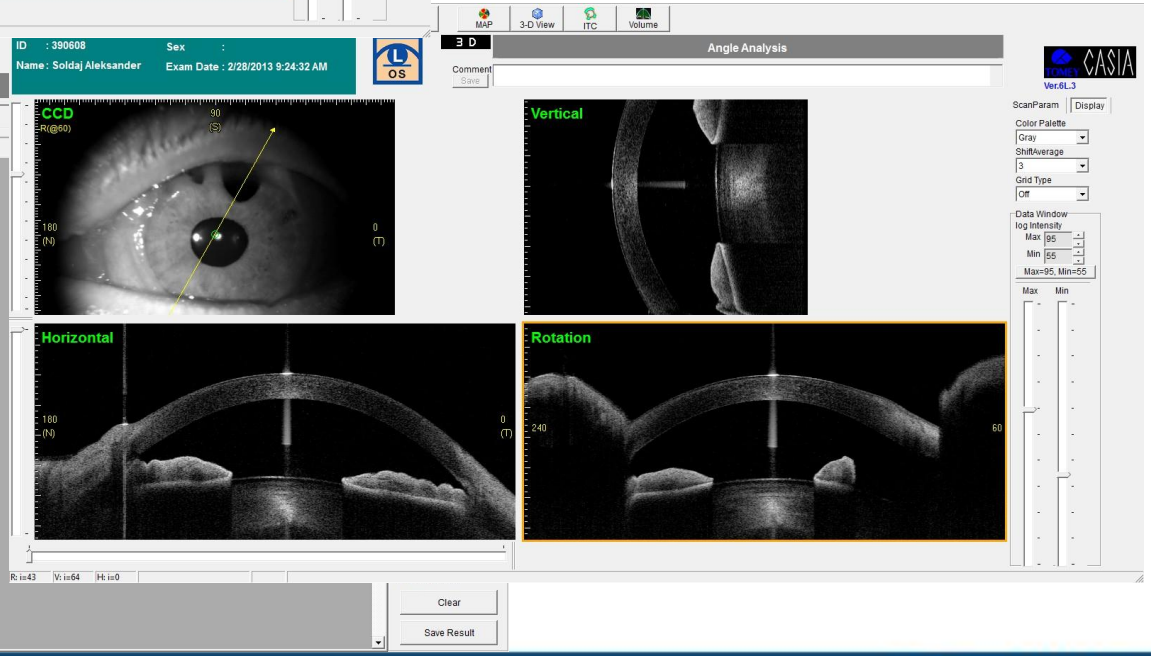


More CASIA images & cases

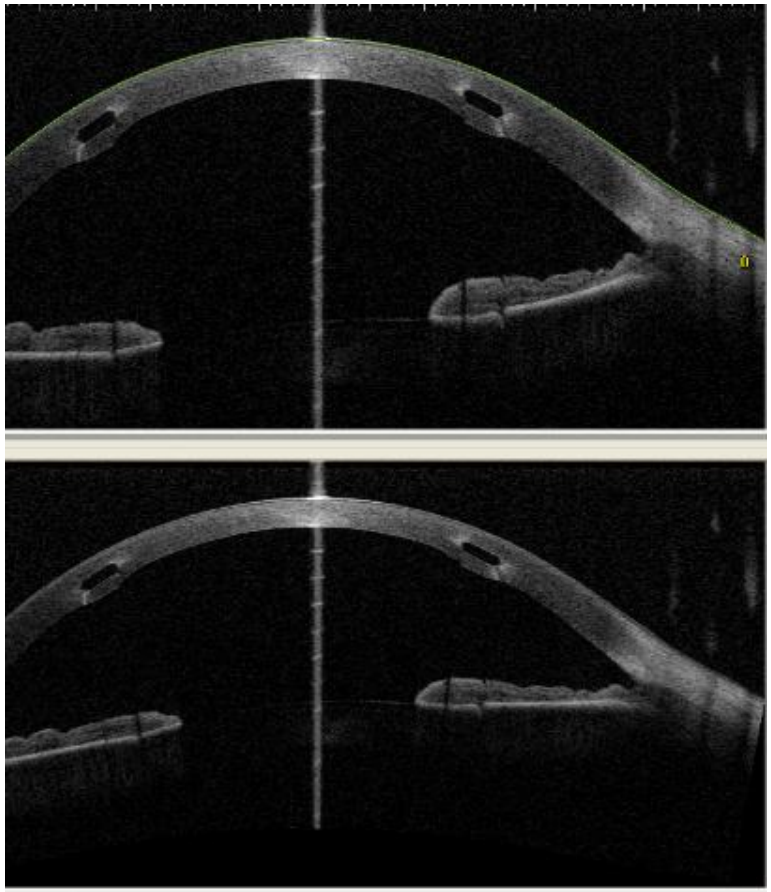


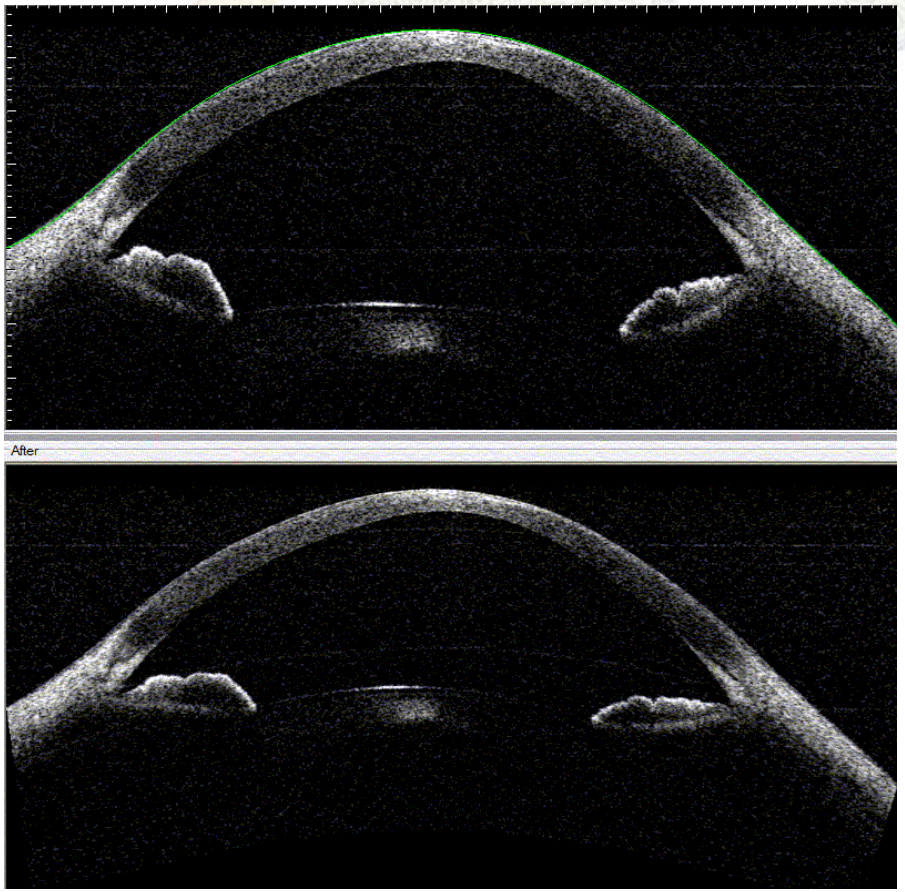






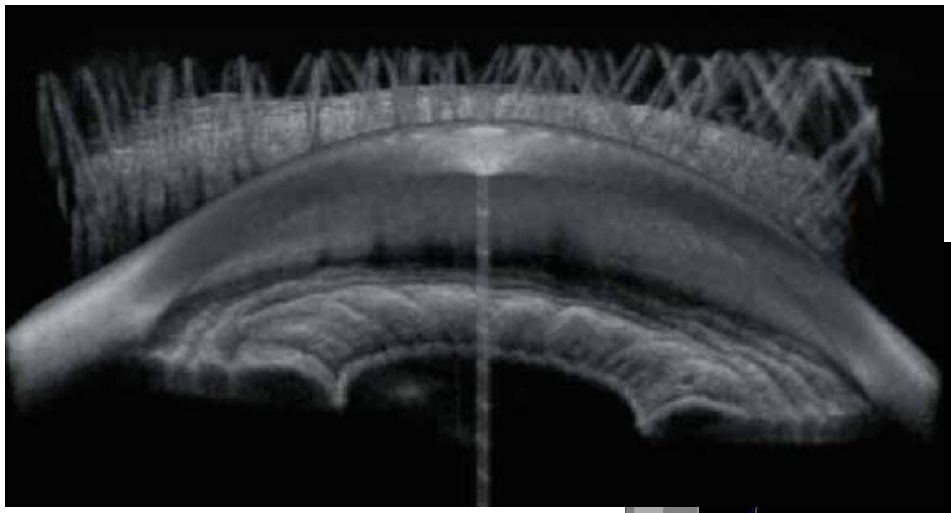
SS-1000 CASIA measurements need a correction

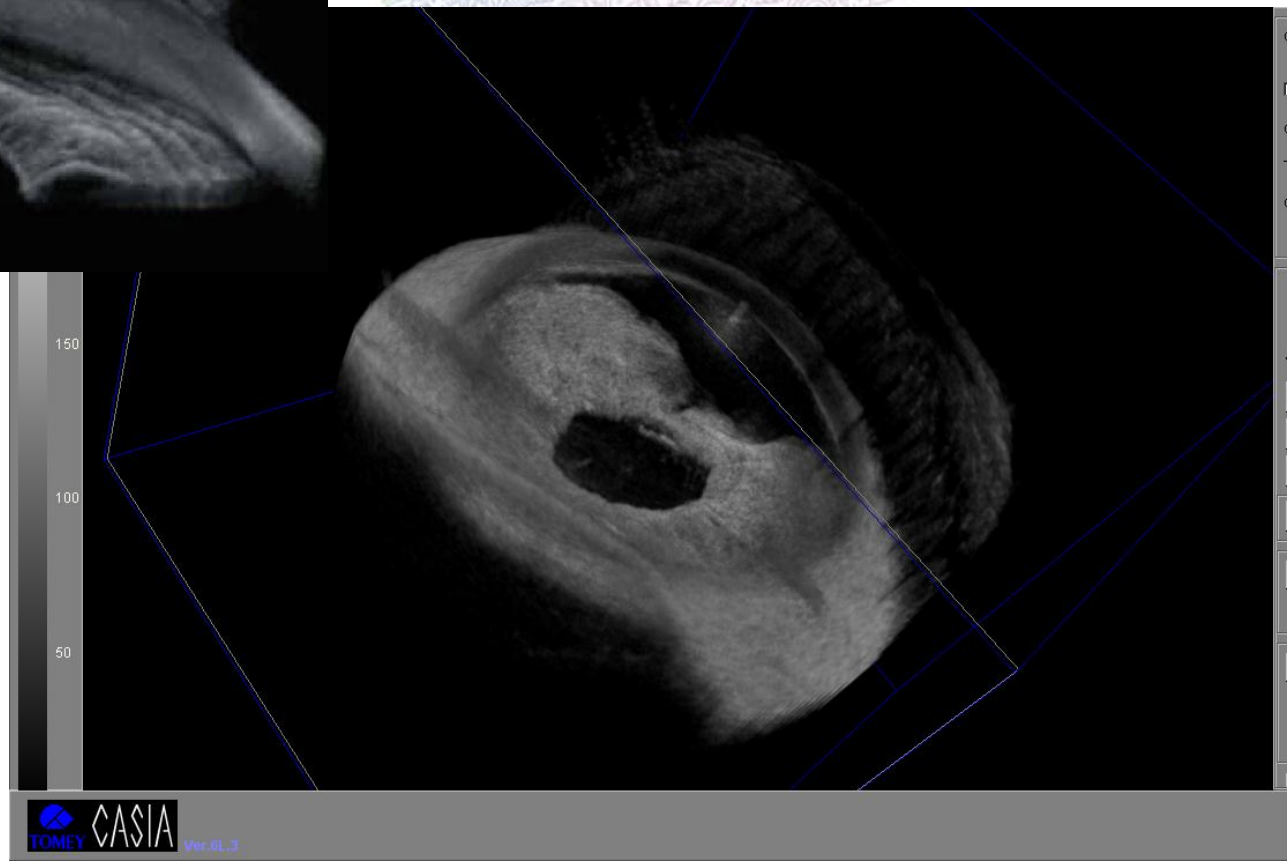




Two samples show, why an individual correction of the cornea is so important.....
CASIA is the only machine with an individual correction, done automatically

SS-1000 CASIA 3D imaging system

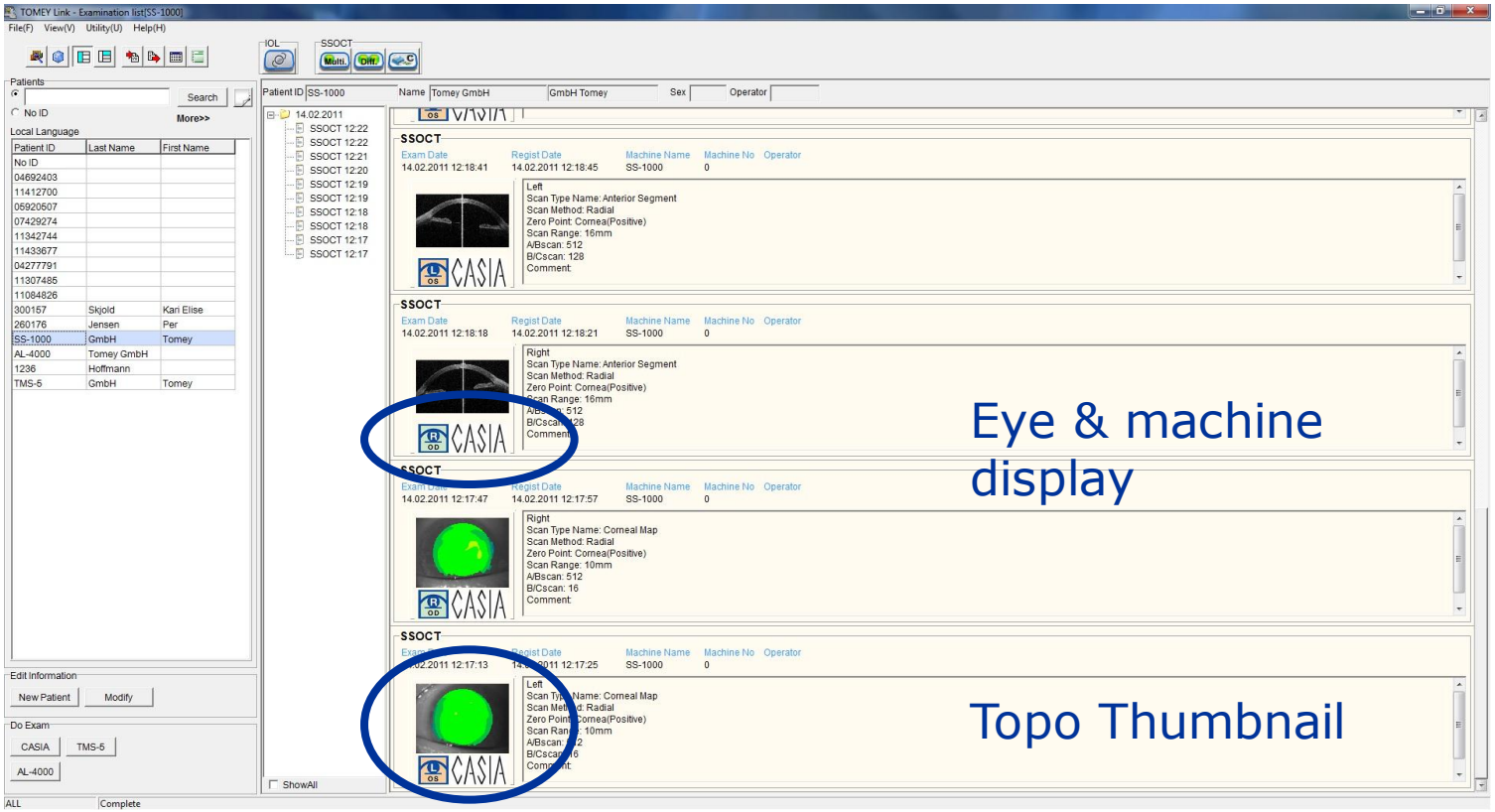




Real measured 3D images of the complete anterior chamber

New Software & New Layout

- Patient Database Overview

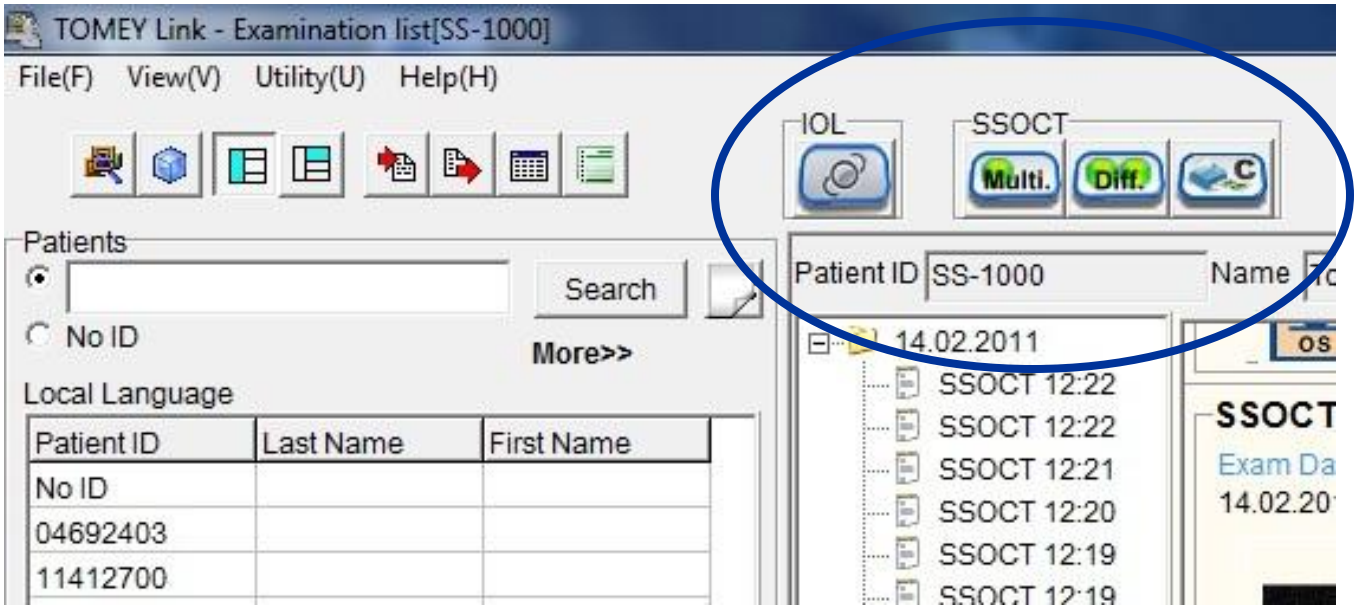


Eye & machine display

Topo Thumbnail

New Layout

- IOL calculation
- Multiple Map
- Differential Map
- Custom Print

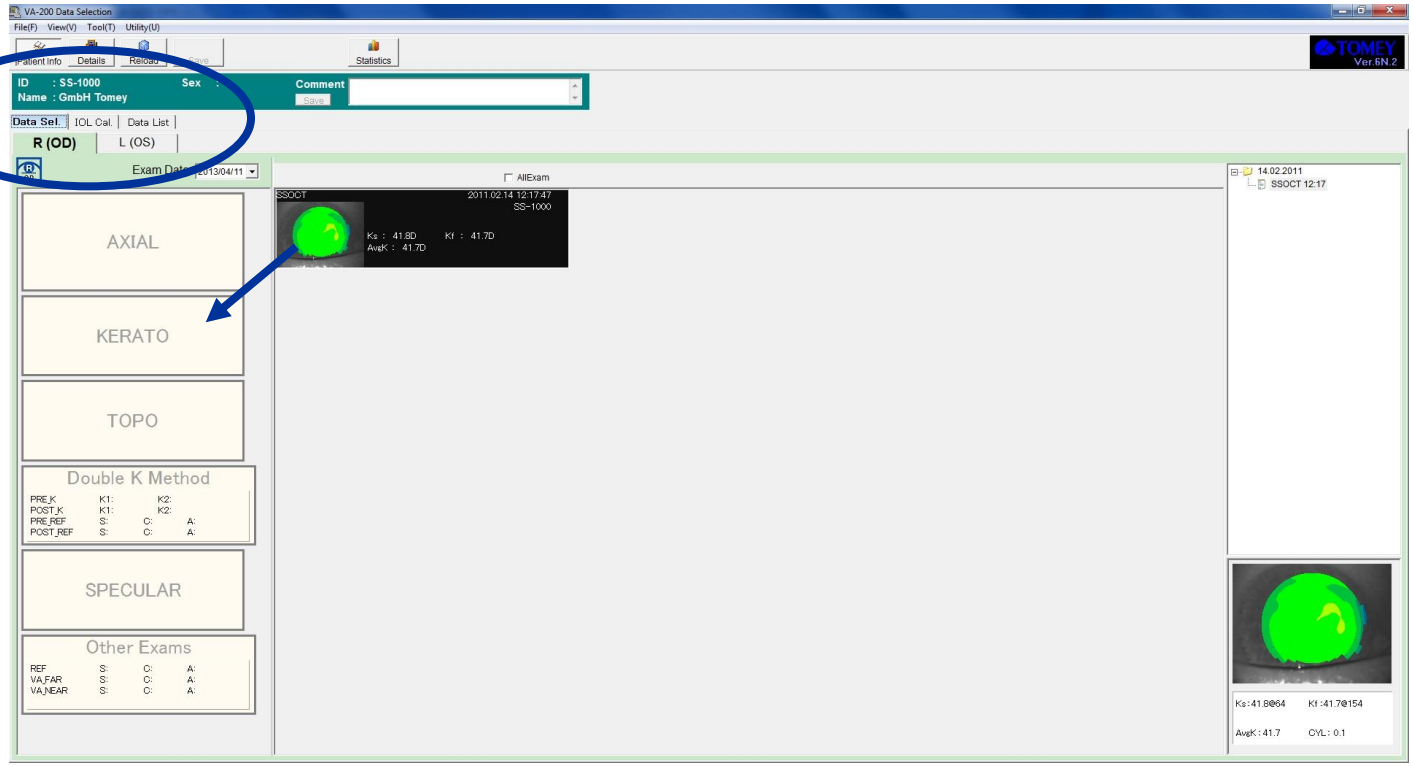


New Layout Functions

- IOL calculation

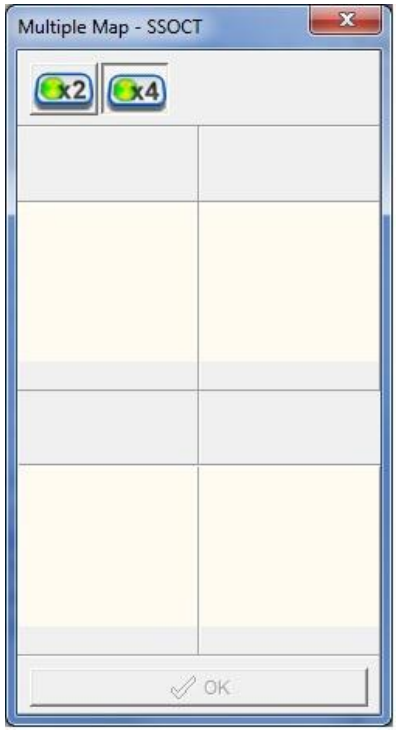
  Casia Topography can now be used for IOL calculation

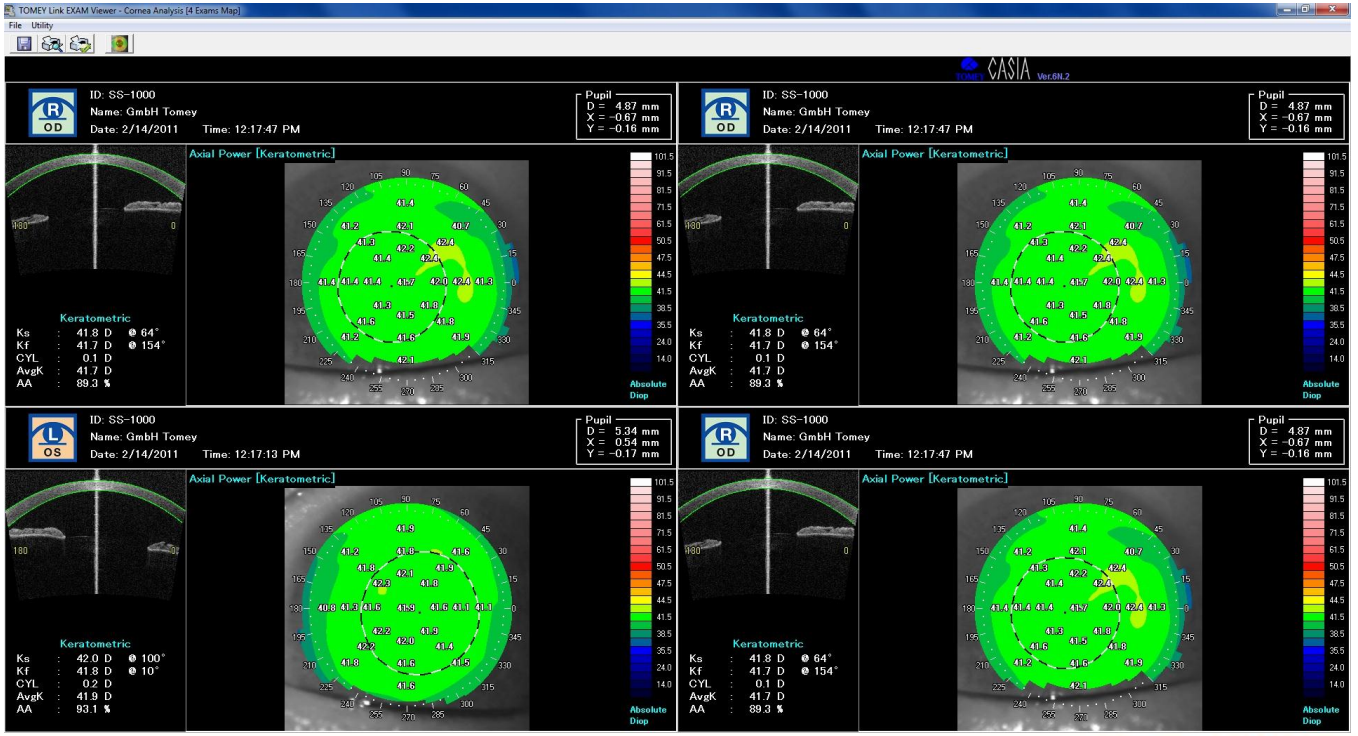
  Layout of IOL calc. new and easier to handle



New Layout Functions

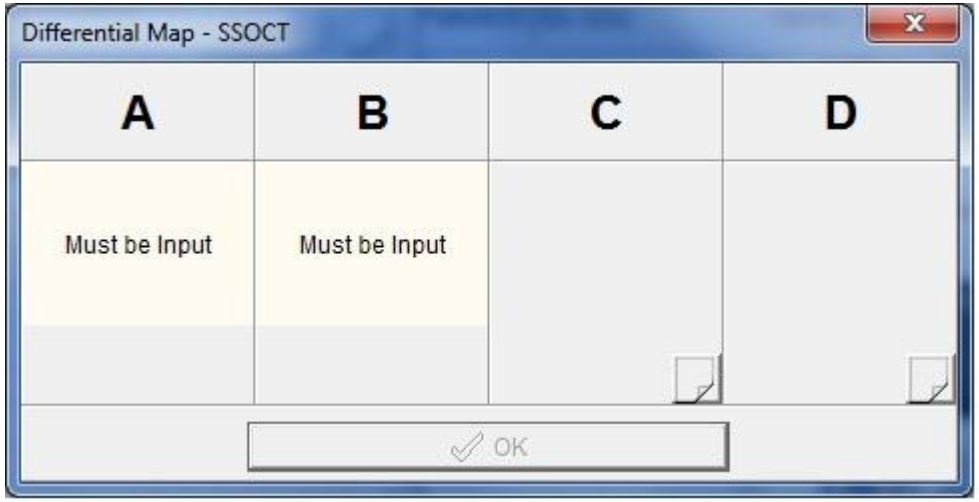
- Multiple Map
  - Compare up to four different images with each other
  - R and L eye possible together
  - Individual Settings

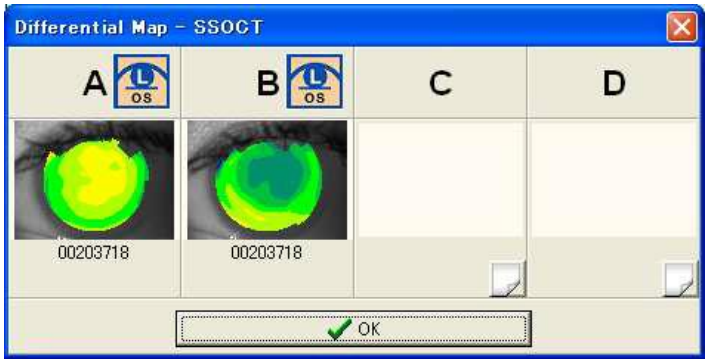




New Layout Functions

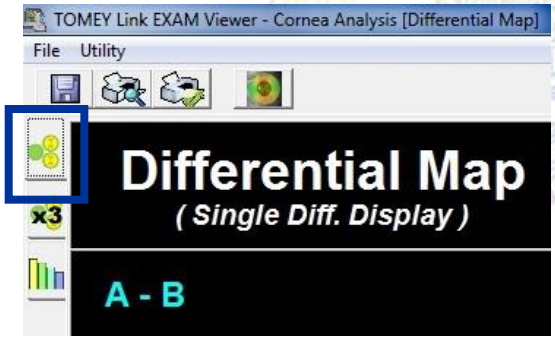
- Differential Map
  - Substract up to four different images
  - R and L eye also possible
  - Very individual settings
  - Three different displays and functions
  - Regression analysis similar to perimeter

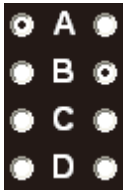




New Layout Functions

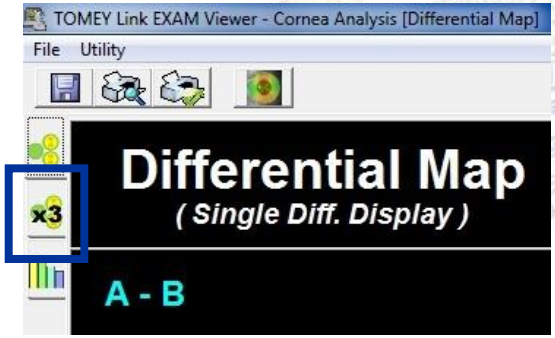
- Differential Map with three different displays

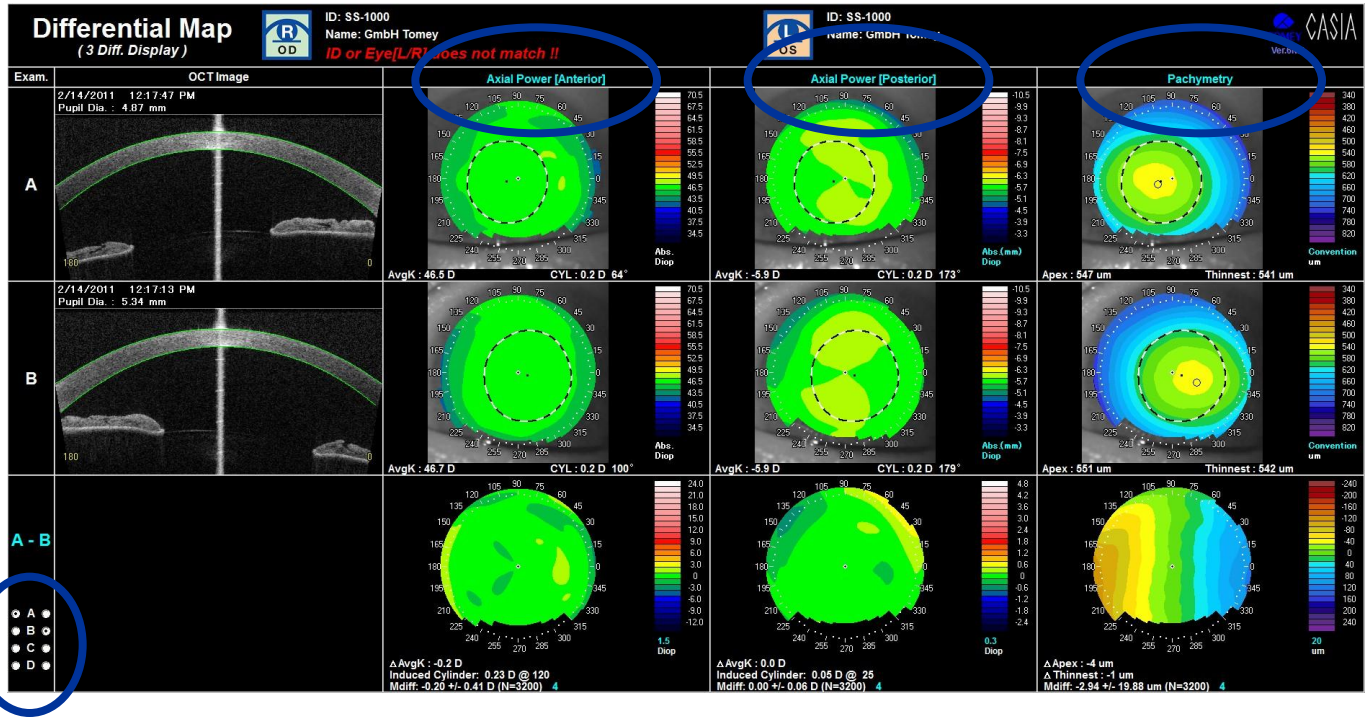




New Layout Functions

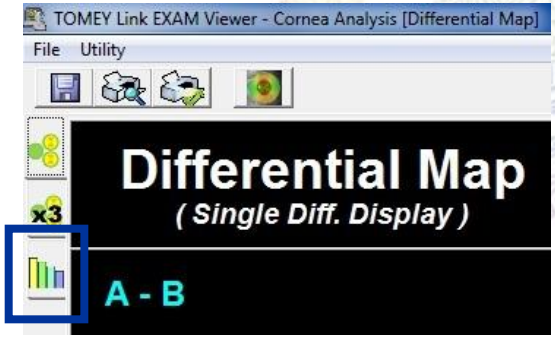
- Differential Map
  - Individual changes in map displays

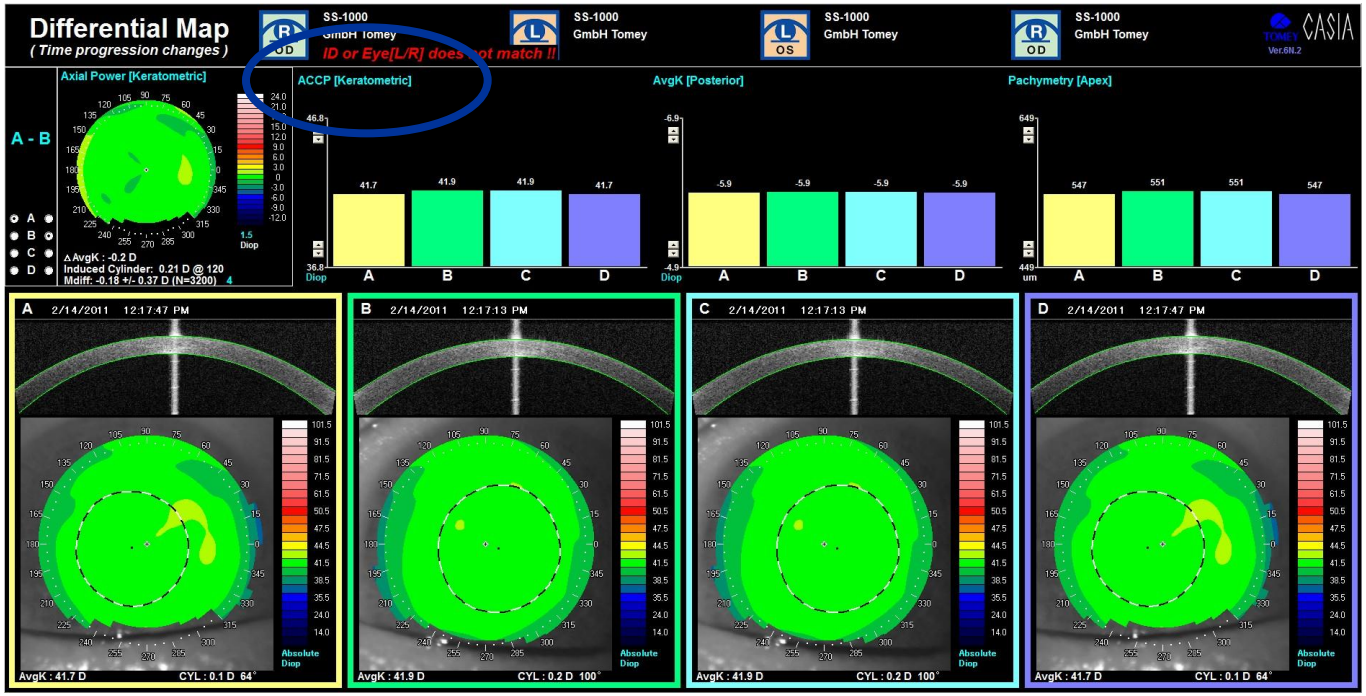




New Layout Functions

- Differential Map
  - Regression Analysis in many different settings possible (ACCP, CYL, AA…)

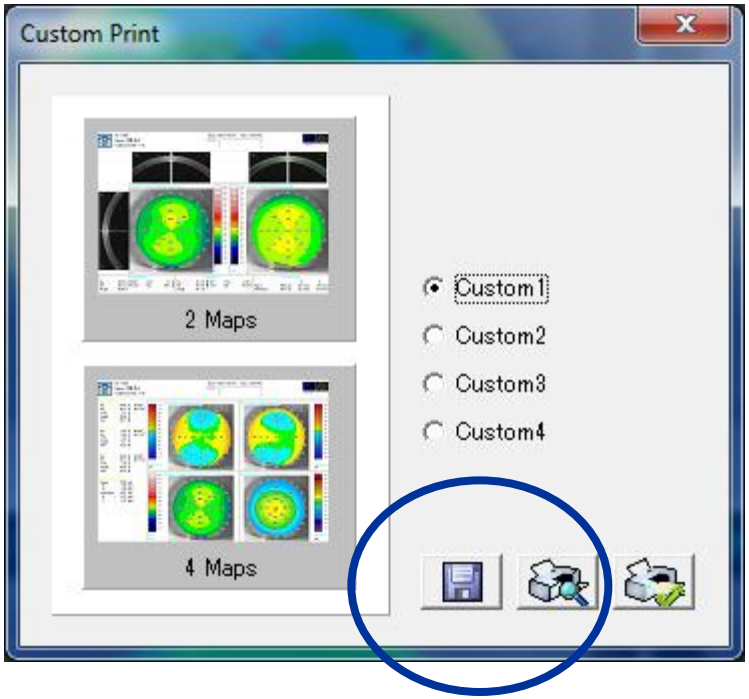




New Layout Functions

- Custom Print

It is possible to store the print out right away as a jpg or bmp file



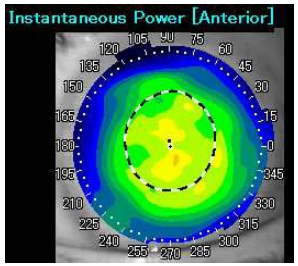
New Topography Functions

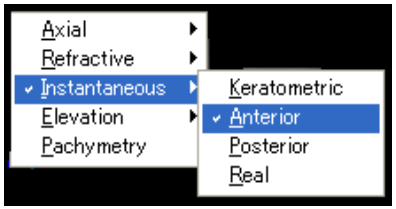
- Anterior Power Map included
- Fourier Map comparison anterior and posterior map
- Ectasia Screening comparison anterior and posterior map
- 2D analysis possible
- Toric IOL positioning sample
- New Setting Functions

New Topography Functions

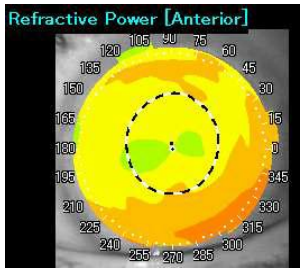
- Anterior Power Map included

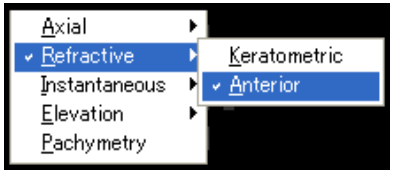
This new function is included in all maps, in the quantitive index as well as in the data table export

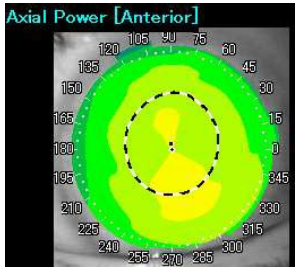


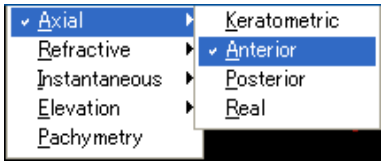


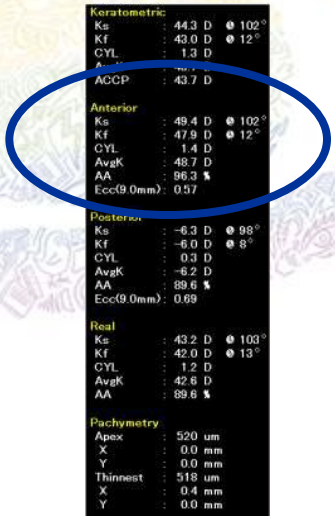
Maps



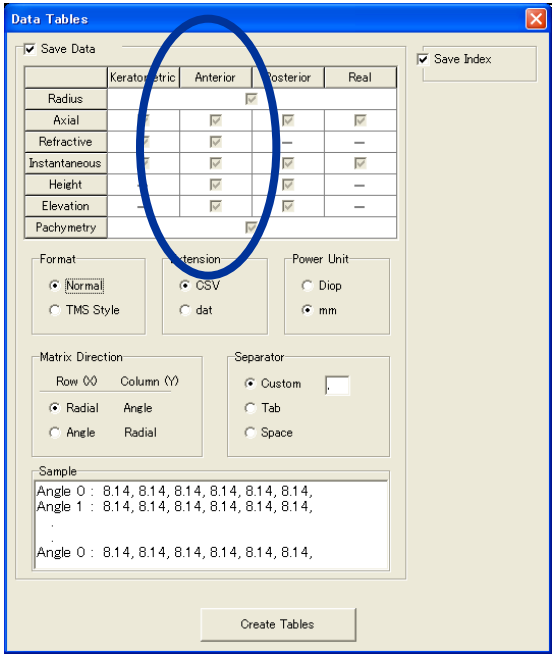








Quantitive Index

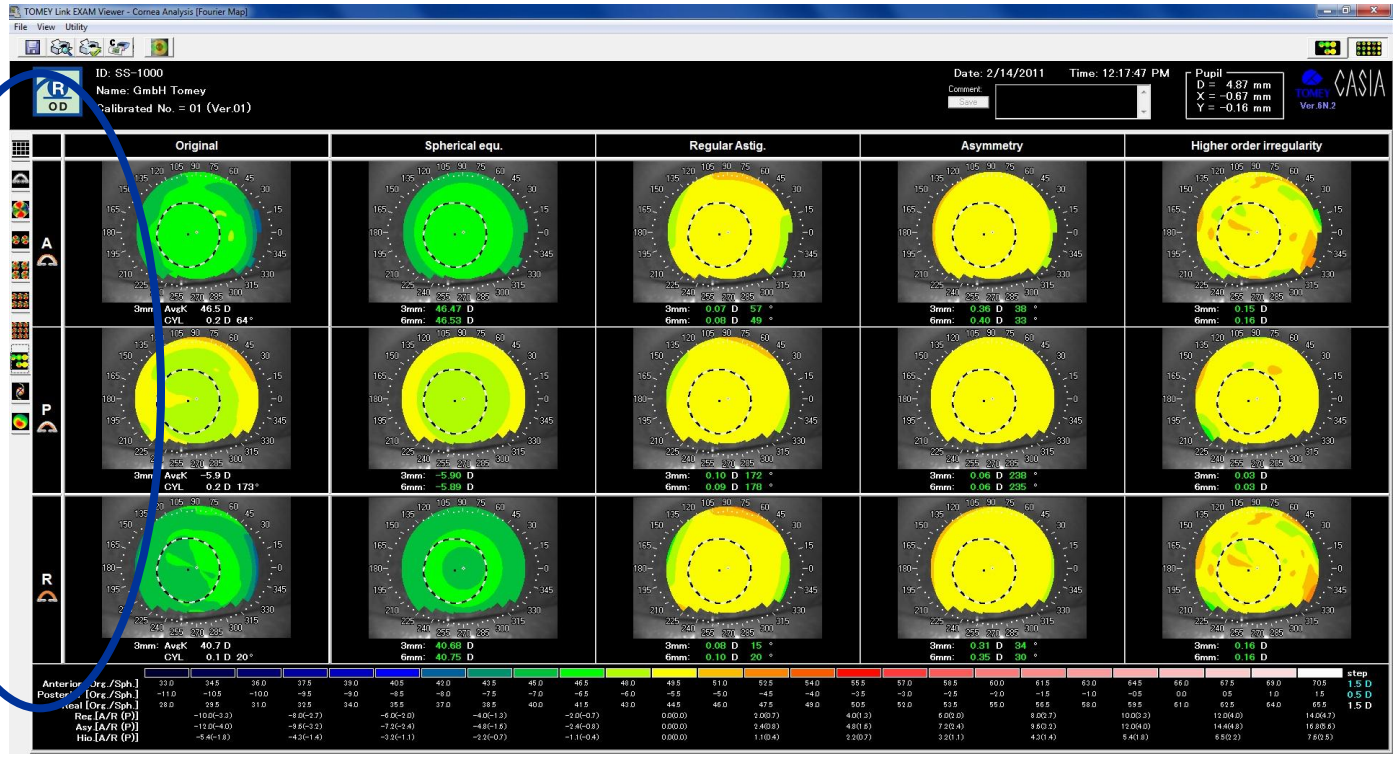


Data Table

New Topography Functions

- Fourier Map comparison anterior and posterior map

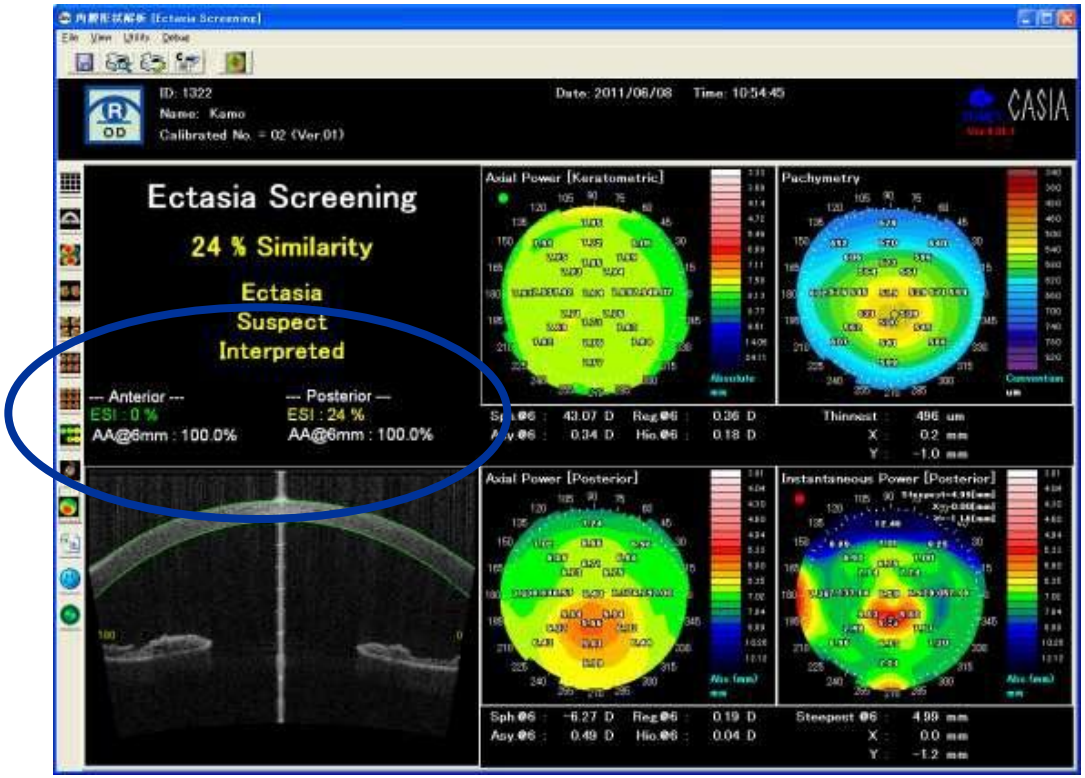
  Two different display possiblities with comparison of anterior and posterior data



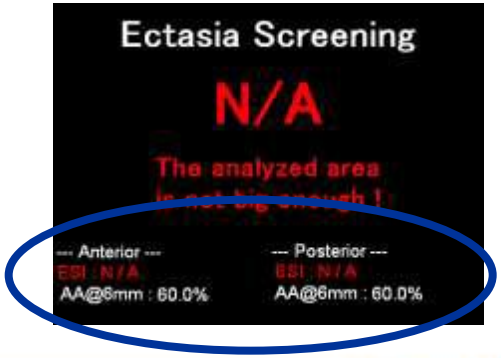
New Topography Functions

- Ectasia Screening comparison anterior and posterior map

ESI: ESI (Ectasia Screening Index) indicates the screening result obtained from the anterior & posterior data.



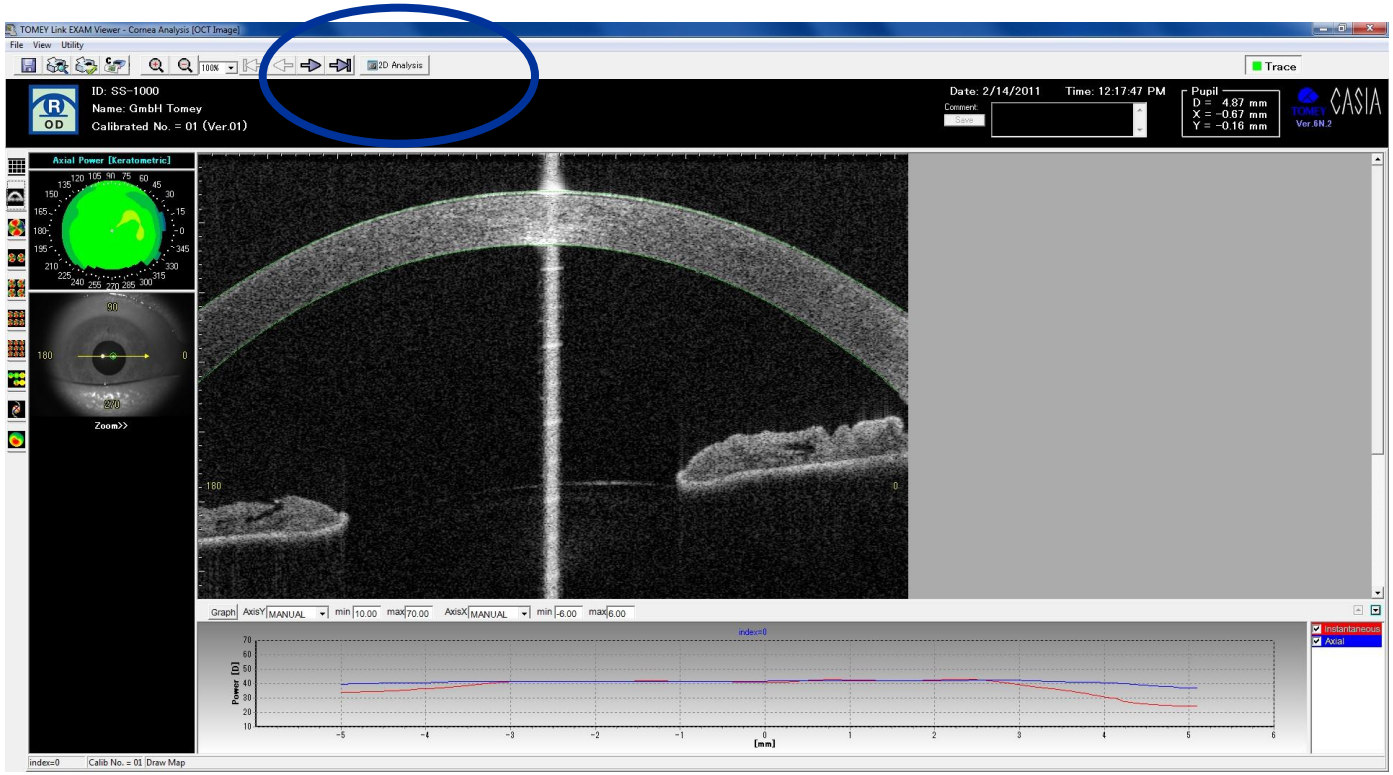
AA@6mm: Percentage of the area (range) that could be analyzed within φ6 mm on the anterior and posterior. If the value of AA@6mm is small and the reliability of the anterior data is low, "N/A" is shown for ESI in red.



New Topography Functions

- 2D analysis possible

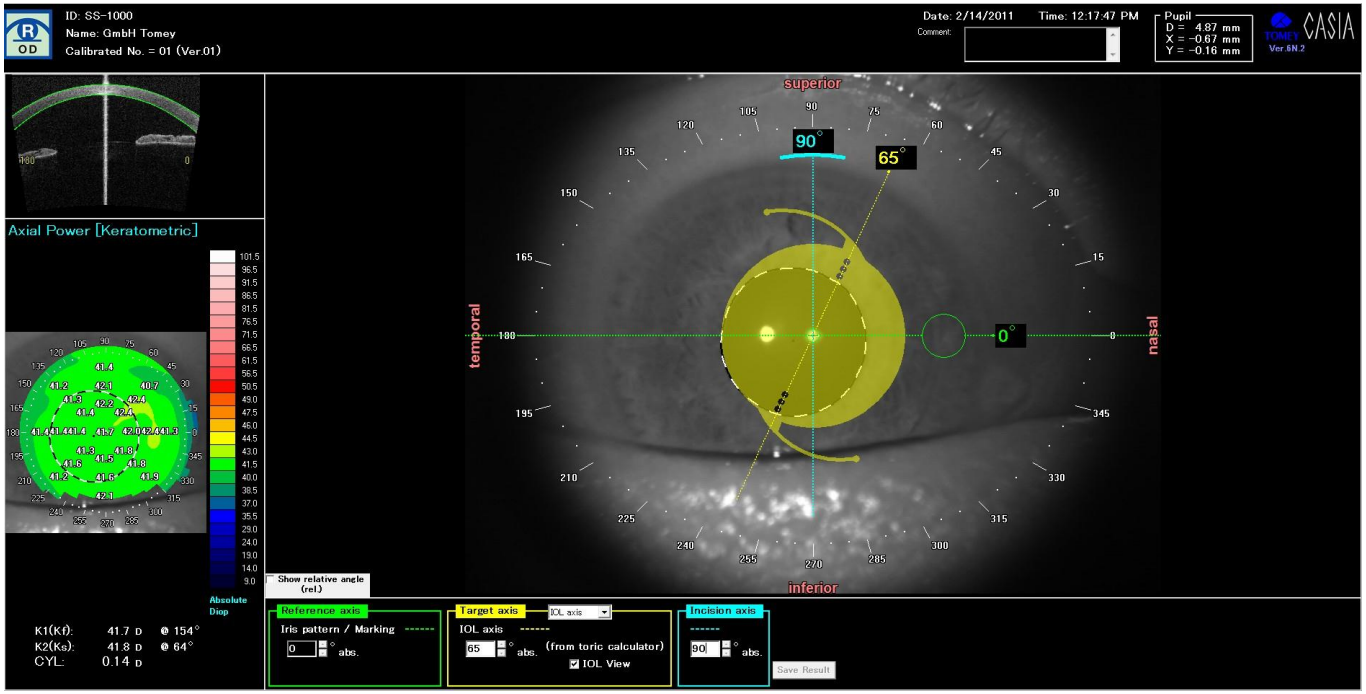
Detailed analysis can be done via 2D analysis function (except angle measurement)



New Topography Functions

- Toric IOL positioning sample

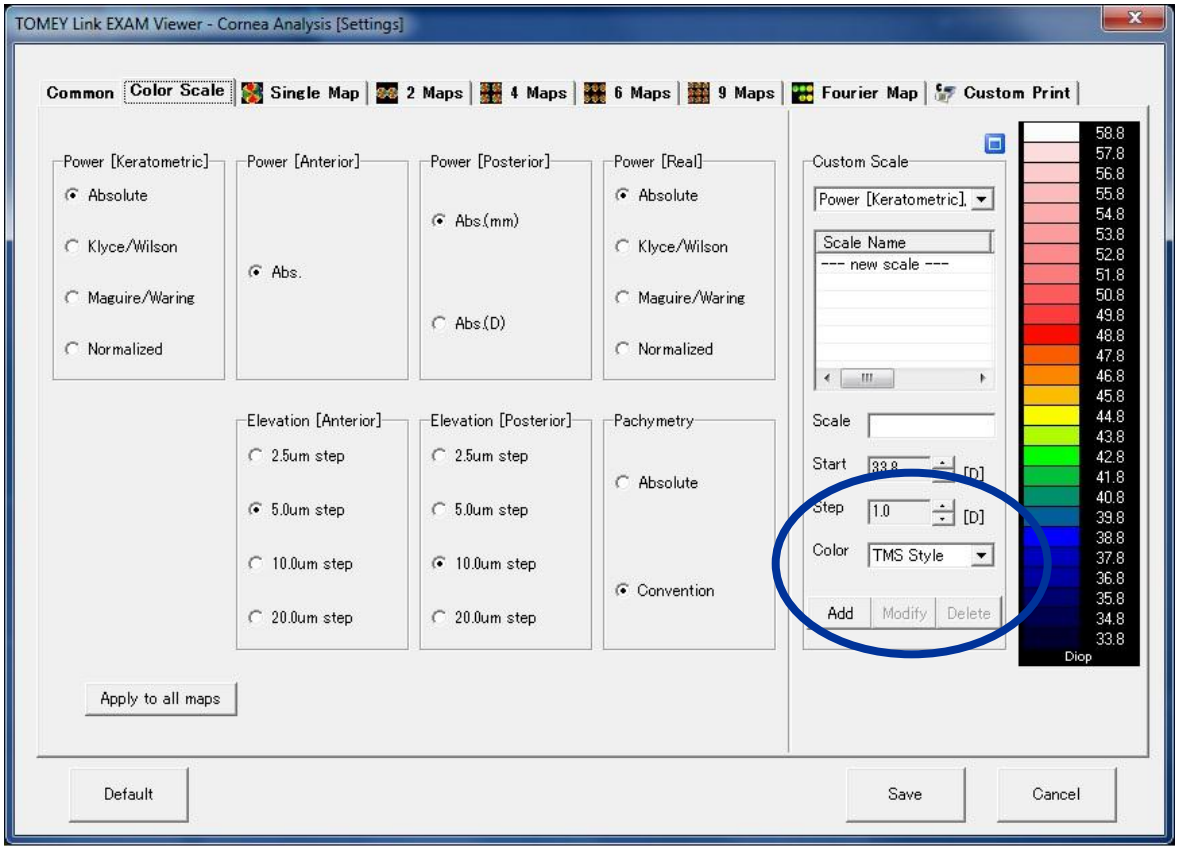
This is a small simulation of a toric IOL, which doctors can use for control

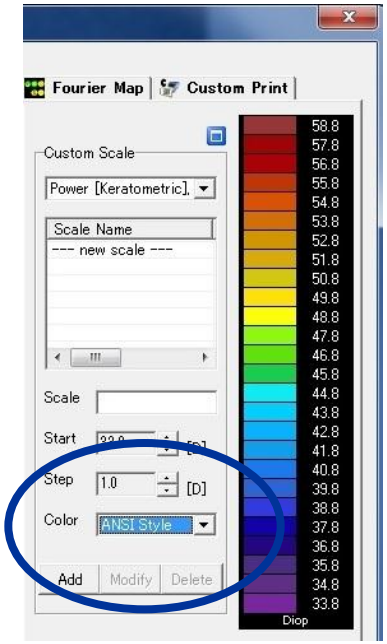


New Topography Functions

- New Settings

Variety of individual settings which are adjusted to the new software version





New Measurement Functions

- New ACA layout and functions
- New CCT/ACD layout and functions
- New System Settings
- Volume Calculation

New Measurement Functions

- New ACA layout and functions

New design including new measurement functions (LV → lens vaulting; ACW → White to White, display of the auxiliary line)

New Measurement Functions

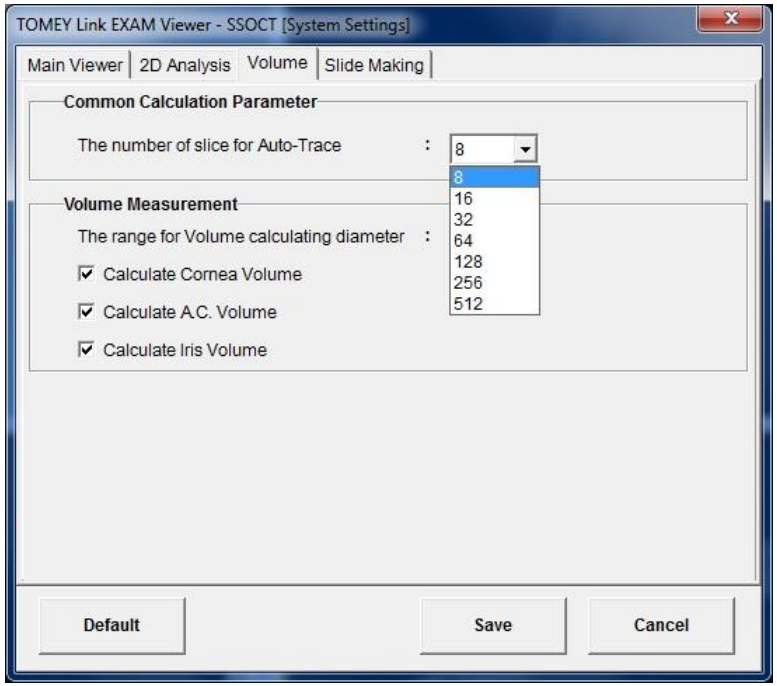
- New CCT/ACD layout and functions

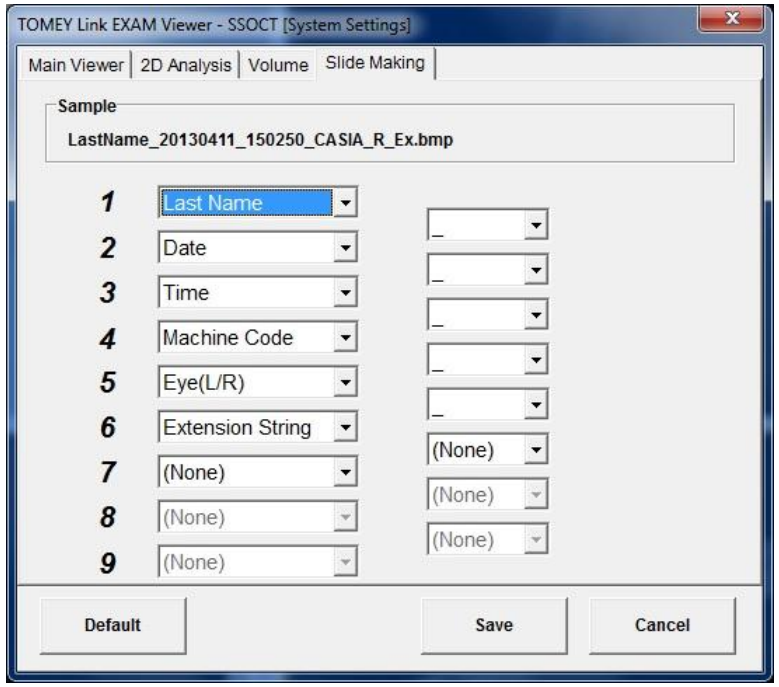
  New function for anterior chamber lenses

New Measurement Functions

- New System Settings

Individual Settings for Main Viewer, 2D Analysis, Volume Calculation and Slide Making

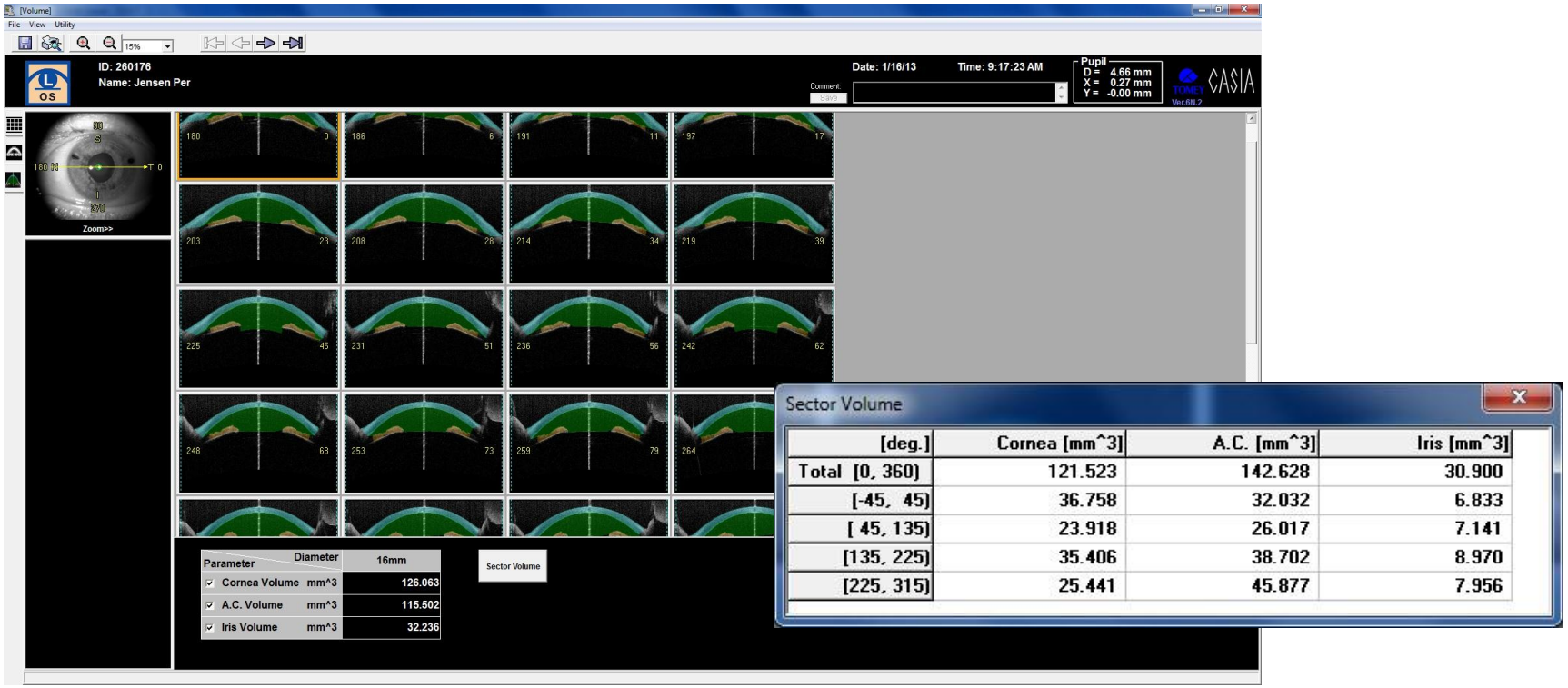




New Measurement Functions

- Volume Calculation

Volume Calc. also possible with more than 8 slides to get a more reliable information → especially made for research & glaucom studies



TB-1000 Version 6P

We hope to satisfy you with all changes, news and updates!

With this update we worked hard on requests from our end-users and their kind support and help with our CASIA machine!

We are convinced, that this is definitely the best anterior OCT on the market and do hope, that you are also convinced now after all these positive information.

Thank you so much for your attention!

Go for the CASIA ☺