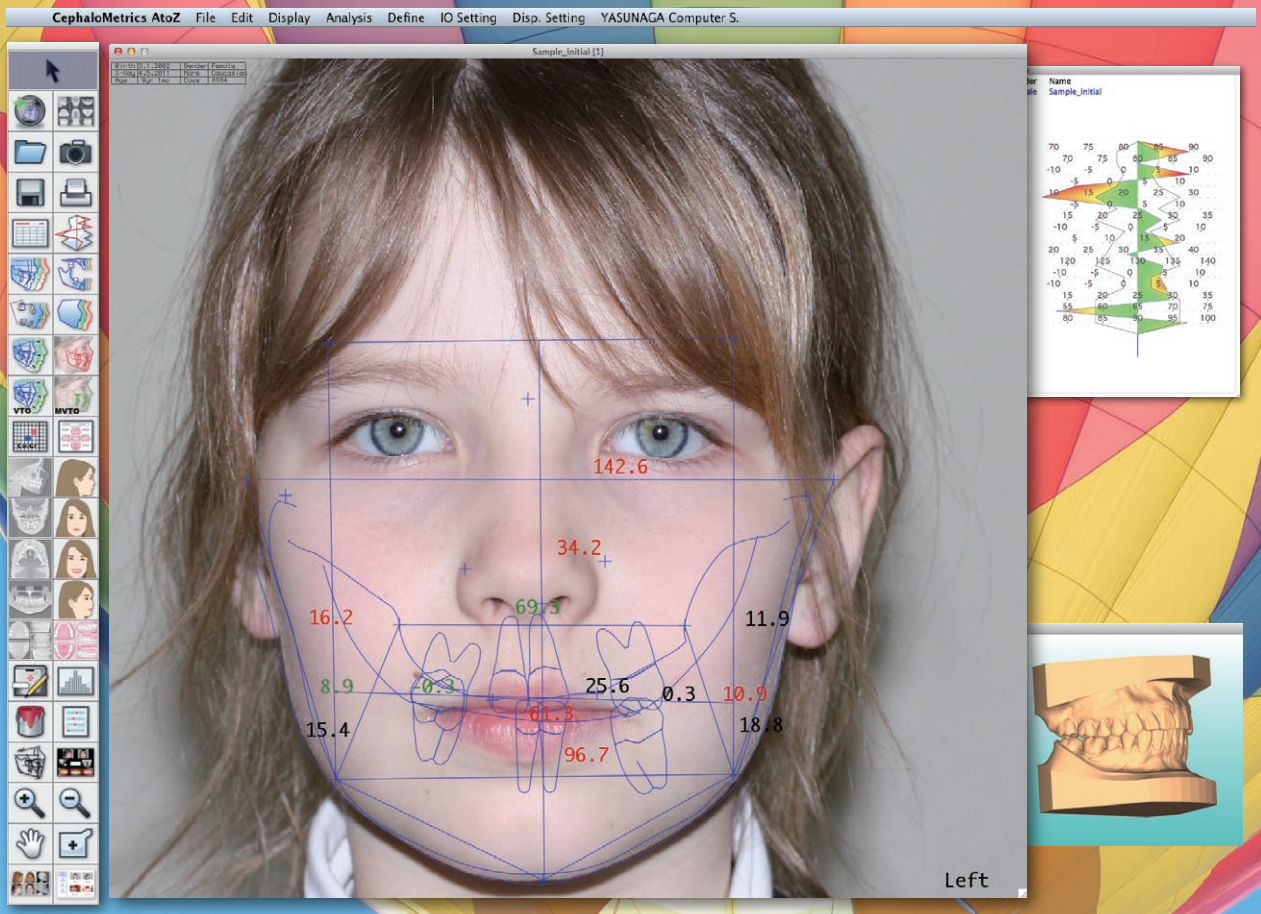
Windows 8

X

Analysis software for Orthodontics

CephaloMetrics AtoZ™

Ver.15

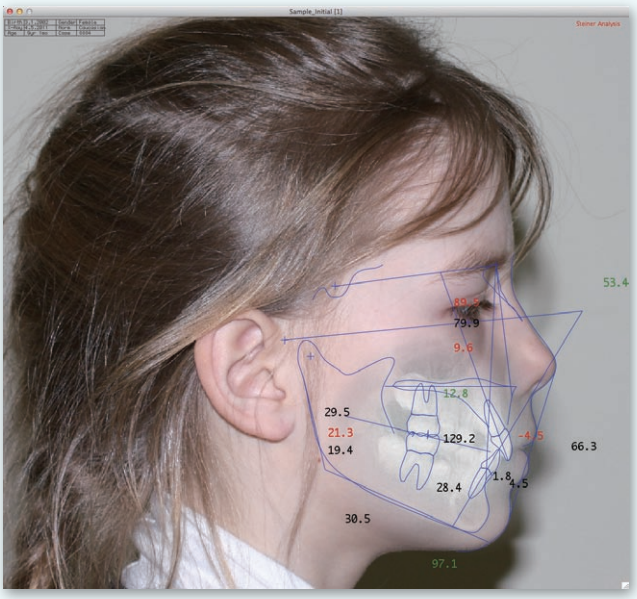


YASUNAGA™ Laboratory

YASUNAGA Computer Systems Co.,Inc. Japan

CephaloMetrics AtoZ™ Ver.15

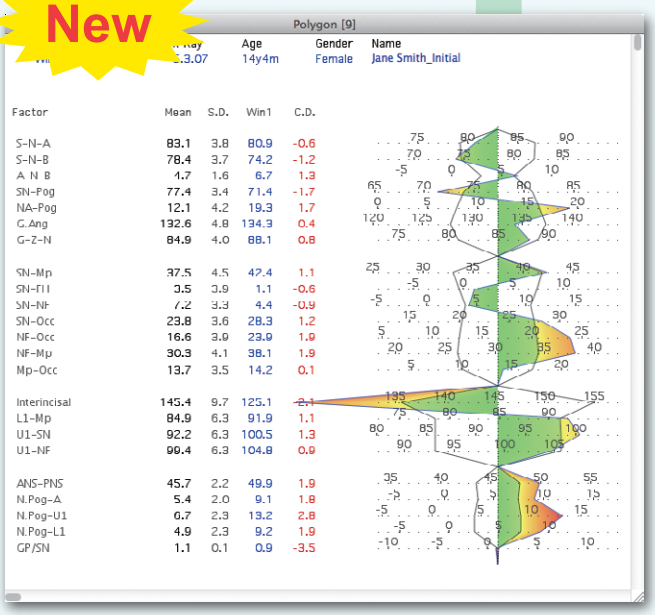
Windows Vista, 7, 8 Mac OS10.5-10.9



Superimposition

Easily to use method for superimposing an x-ray tracing over a facial photo.

New



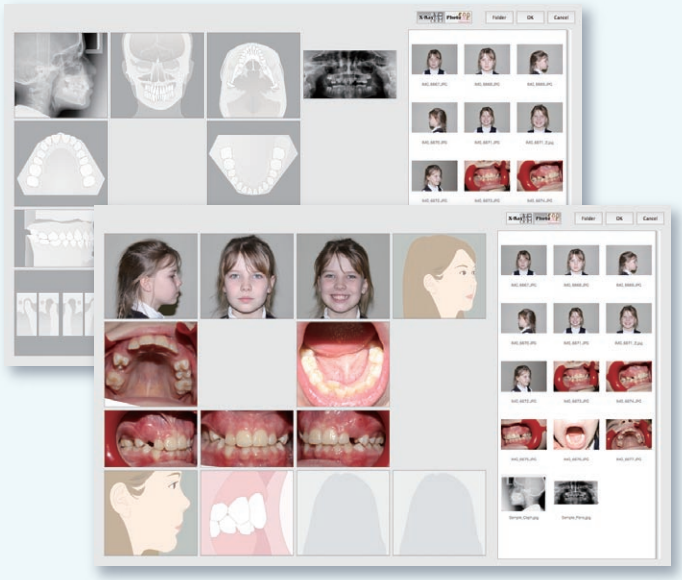
Polygon

Polygon for analysis. Colored polygon is available on the latest version of CephaloMetrics AtoZ.

Capture Interface

Thumbnail Input

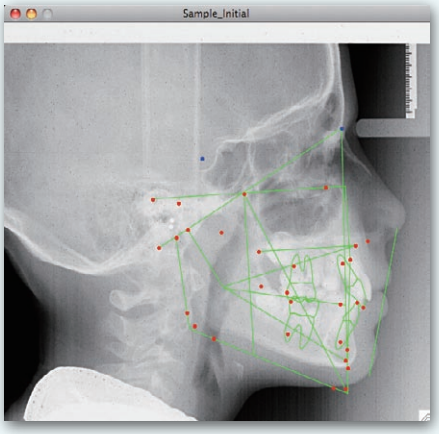
You can drag and drop JPEG images easily from thumbnail list as well as X-ray images.



Input

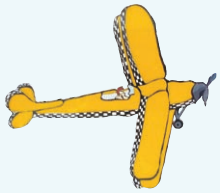
Template Input

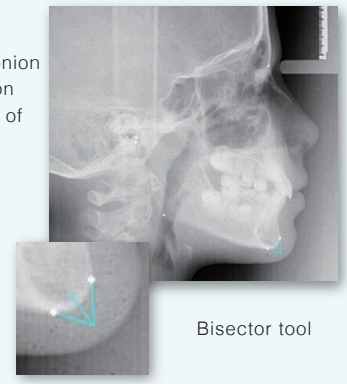
AtoZ provides the feature not only digitizing landmarks in order but also using template input. In template, input all landmarks are displayed to digitize only 3 points or 2 points. After that, you correct the position of landmarks with drag and drop.



A bisectrix

When the position of Gnathion and Gonion is asked, a necessary vertical bisection line can be quoted even in the middle of the point input.

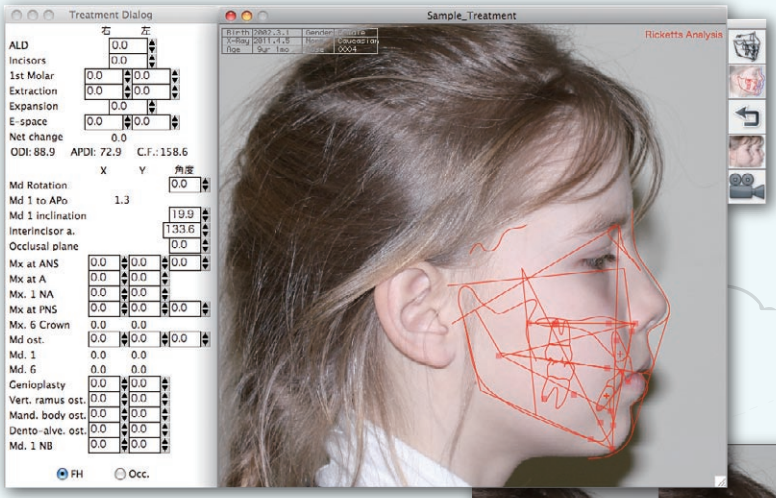




Bisector tool

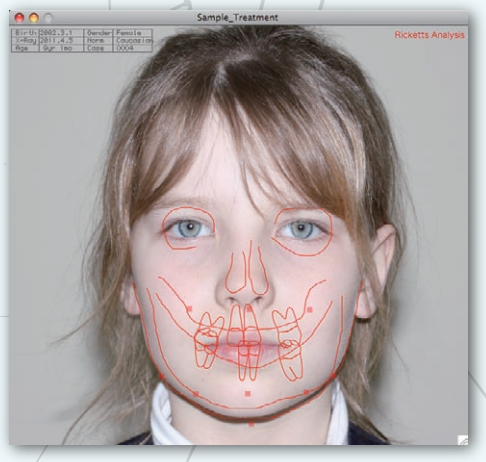
Treatment and Surgical SIMULATION

Orthodontics and surgical simulations can be performed both lateral and frontal. Morphing image and Movie are helpful for your treatment.



You can obtain the predictive simulation and the perioperative change at patients by smooth morphing movie.

Image Morphing

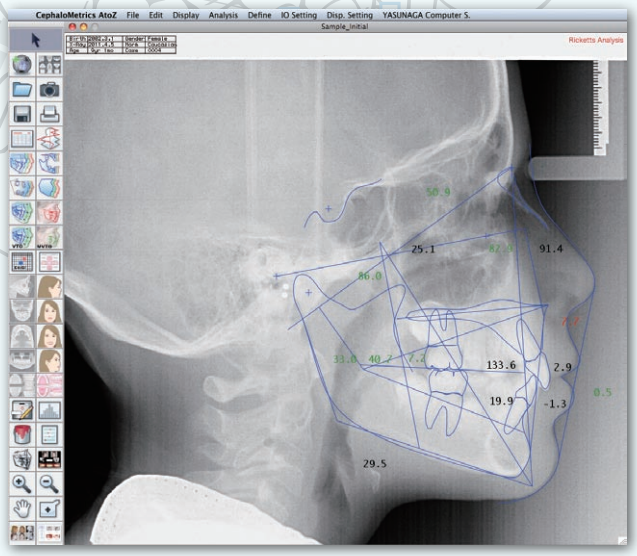


Frontal Surgical simulation

As well as lateral analysis, Ricketts and Symmetry frontal analysis is available.

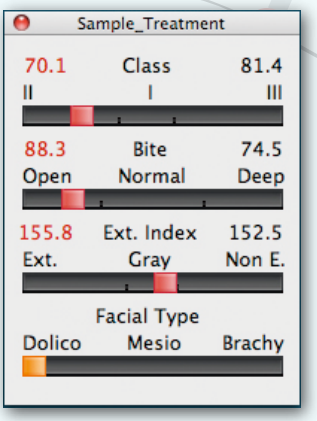
ANALYSIS

There are up to 16 lateral analysis that can be applied. Additionally, there are frontal analysis, submental analysis and model analysis. You can create your own annalysis.



Computer Diagnosis

Diagnosis of skeletal type and the tendency for the bite as well as decision on extraction are performed by AtoZ automatically.

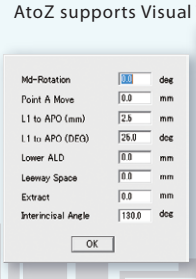


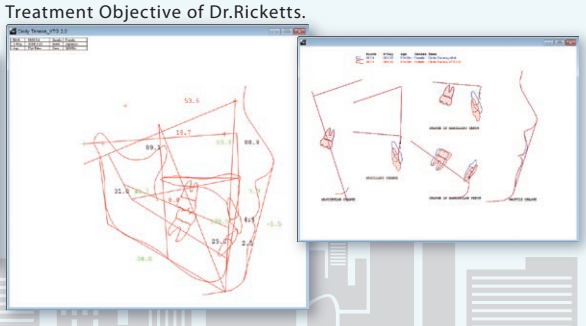
Model Analysis

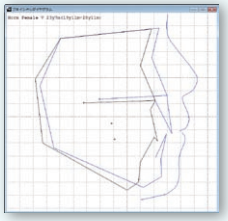
Calculate the tooth size discrepancy. It is convenient to explain the extraction to patients.

VTO and M-VTO

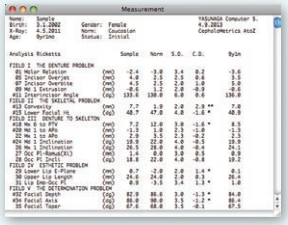
AtoZ supports Visual Treatment Objective of Dr.Ricketts.



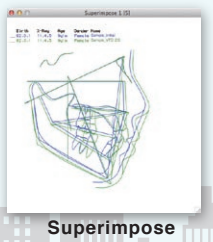




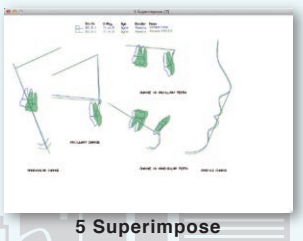
Facial Diagram



Measurement



Superimpose

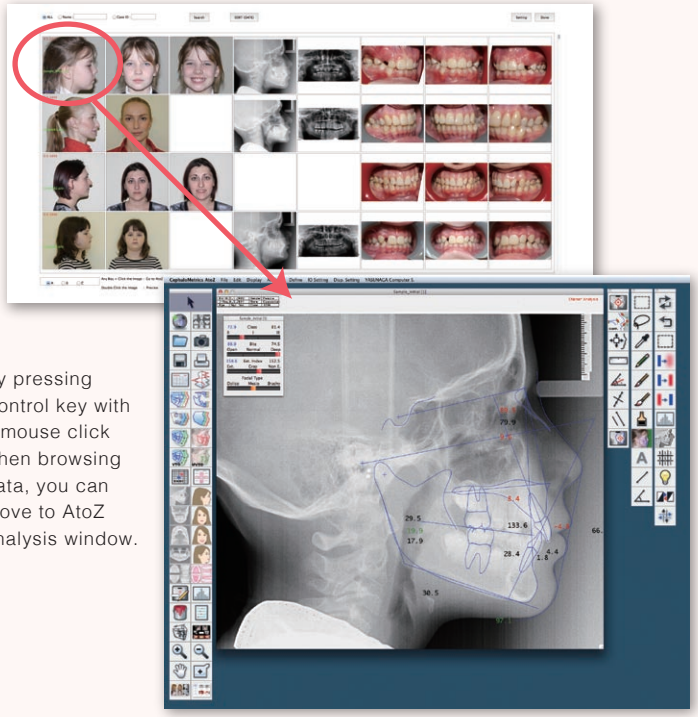


5 Superimpose

AtoZ database

Quick search

AtoZ searches your analysis data and loads the analysis result quickly.

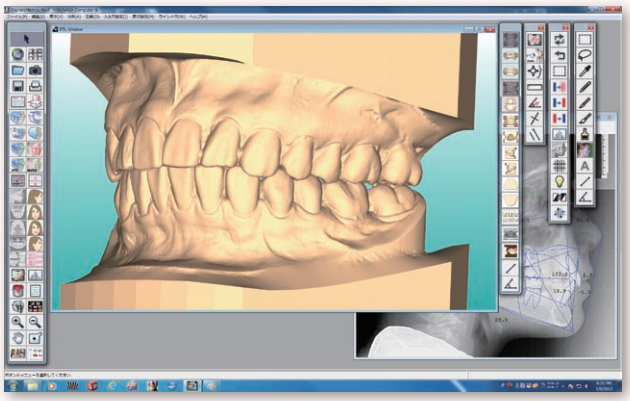


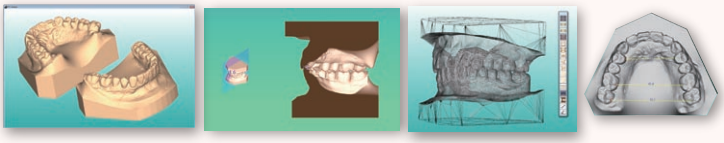
By pressing Control key with a mouse click when browsing data, you can move to AtoZ analysis window.

3D model

STL data supported

AtoZ provides the display of 3D dental model. It can import STL data imported with “Maestro 3D Scanner”. You can measure the distance and angle and display overjet/overbite.
As well as the image on AtoZ, you can browse the 3D model on each chair side.



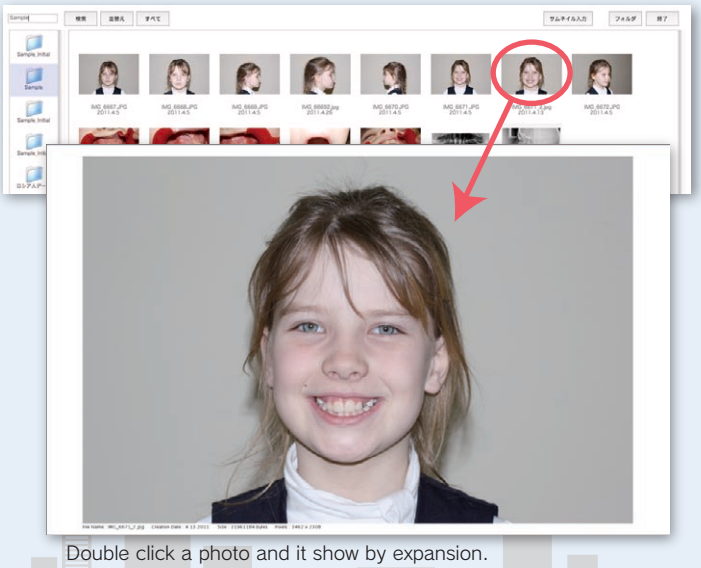


JPEG Database

You can manage all JPEG images on AtoZ.

JPEG Browser

You can move and start directly from JPEG Browser to Thumbnail Input. After you check patient image, move on Thumbnail Input.

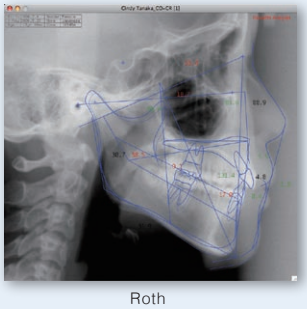


Double click a photo and it show by expansion.

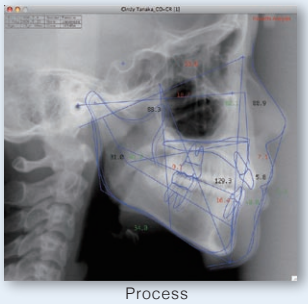
Co-Cr Conversion

Entering CPI or MPI readings, the patient’s condyle is automatically repositioned from Centric Occlusions to Centric Relations.

Now, you can see the trace before Co-Cr Conversion. So you can understand how much trace is changed.

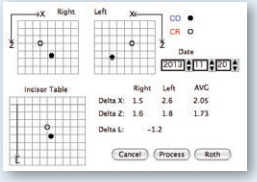


Roth



Process

Deference between Roth and Process
“Process” means stop rotation on maxillary baseline.
“Roth” means original overbite rotation.



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