



Windows Vista, 7, 8 Mac 0S10.5-10.9



Superimposition

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

Capture Interface

Thumbnail Input

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



Age Since Gender Haydm Name Female Name Jane Smith_Initial actor Mean S.D. Win1 C.D. Sin-A B3.1 3.8 B0.9 -0.6 -75 Sin-B 78.4 3.7 74.2 -1.2 -79 90 95 .90 Sin-Pa 78.4 3.7 74.2 -1.2 -79 90 95 .90 .95 .90 .95 .90 .95 .90 .95 .90 .95 .90 .95 .90 .95 .90 .90 .95 .90 .90 .95 .90 .90 .95 .90 .90 .95 .90 .90 .95 .90 .90 .95 .90 .90 .95 .90 .90 .95 .90 .90 .90 .92 .90 .90 .90 .90 .90 .90 .90 .90 .90 .90 .90 .90 .90 .90 .90 .90	- Nev	N <	_		Polygon [9]	
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$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	actor	PIB all	5.0.	wwini i	C.D.	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	5-N-A	83.1	3.8	80.9	-0.6	75 80 85 90
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	5-N-B	78.4	3.7	74.2	-1.2	(P
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	A N B	1.7	1.6	6.7	1.3	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	SN-Pog	77.4	з.4	71.4	-1.7	h5 /0 - H0 H5
$ \begin{array}{c} CAng \\ G-Z-N \\$	NA-Pog	12.1	4.2	19.3	1.7	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	G. Ang	132.6	4.8	134.3	0.4	120 125 (130 135) 140
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	G-Z-N	84.9	4.0	88.1	0.8	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	5N-Mp	37.5	4.5	42.4	1.1	25 30 35 45 45
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	SN-FH	3.5	3.9	1.1	-0.6	-5 0 5 10
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	SN-NF	1.2	з.з	4.4	-0.9	-5
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	5N-Occ	23.8	3.6	28.3	1.2	15 20 25 30
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	NF-Occ	16.6	3.9	23.9	1.9	5 10 15 20 25
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	NF-Mp	30.3	4.1	38.1	1.9	20 25 . 30 B
Interincisal 145.4 9.7 125.1 2.1 195 110 145 150 155 LL-Mp B4.9 6.3 91.9 1.1 .75 80 85 90 155 90 155 90 100 145 150 155 90 155 90 100 145 150 155 90 100 100 100 110 100 110 100 110 100 110 100 110 100 110 100 100 100 100 100 100 110 100 100 110 100 110 100 100 110 100 110 100 110 100 100 110 100	Mp-Occ	13.7	3.5	14.2	0.1	5 12 15 20
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Interincisal	145.4	9.7	125.1	-2.1	195 140 145 150 155
UI-SN 92.2 6.3 100.5 1.3 B0 B1 90 95 1100 UI-NF 90.4 6.3 104.8 0.0 95 100 105 ANS-PNS 45.7 2.2 49.9 1.9 .35 .40 10 10 NPog-L0 5.4 2.0 9.1 1.9 .35 .40 .40 .10 10 .10	L1-Mp	84.9	6.3	91.9	1.1	75 80 85 90
U1-NF 00.4 6.3 104.8 0.9 99 95 100 195 ANS-PNS 45.7 2.2 49.9 1.9	U1-SN	92.2	6.3	100.5	1.3	BO B5 90 95 100
ANG-PNG 45.7 2.2 49.9 1.9 .354045 5055 N.Pog-A 5.4 2.0 9.1 1.8 .72 9 5 .10 15 .10 15 19 15 19 15 19 15 19 15 19 15 19 15 19 15 19 15 10 10 15 10 10 15 15 10 15 10	U1-NF	99.4	6.3	104.8	0.9	90 95 100 103
N.Pog-A 5.4 2.0 9.1 1.8 ??	ANS-PNS	45.7	2.2	49.9	1.9	. 35 40 45 50 55
N Pog-U1 6.7 2.3 13.2 2.8 595 105 N Pog-L1 4.9 2.3 9.2 1.9595 SPSN 1.1 0.1 0.9 -3.5 10595 N 10.1 0.1 0.9 -3.5 10595	N.Pog-A	5.4	2.0	9.1	1.8	
N.Pog-L1 4.9 2.3 9.2 1.9505	N.Pog-U1	6.7	2.3	13.2	2.8	-5 0 5 10 15
GP/SN 1.1 0.1 0.9 -3.5 - ¹⁰ ⁻⁵ ⁹	N.Pog-L1	4.9	2.3	9.2	1.9	-59
	GP/SN	1.1	0.1	0.9	-3.5	-10 -5 0 5 10

Polygon

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

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.







Treatment and Surgical SIMULATION

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



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

change at patients by smooth morphing movie.

You can obtain the predictive simulation and the perioperative

Image Morphing

81.4

74.5

Deep

152.5

Non E.

Ш

爾

5

ANALYSIS

ALD

Incisors Ist Molar Extraction Expansion E-space Net change ODI: 88.9

Md Rotation Md 1 to APo Md 1 inclinatio Interincisor a. Occlusal plane Mx at ANS Mx at ANS Mx. 1 NA Mx. 1 NA Mx. 6 Crown Md ost. Md. 1

Md. 1 Md. 6 Genioplasty Vert. ramus ost. Mand. body ost. Dento-alve. ost. Md. 1 NB

0.0

APDI: 72.9

C.F.: 158.

\$0.0 0.0

0.0 0.0

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• FH

月度

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.

0

70.1

88.3

Open

155.8

Ext.

11

Sample_Treatment

Class

Bite

Normal

Ext. Index

Gray

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

111

0.0

2.5

26.0

0.0

0.0

0.0

Md-Rotation

Point A Move

Lower ALC Leeway Sna

Extract

L1 to APO (mm

L1 to APO (DEG)

Interincisal Angle OK

AtoZ supports Visual Treatment Objective of Dr.Ricketts.















5 Superimpose Superimpose

AtoZ database

Quick search

 $\ensuremath{\mathsf{AtoZ}}$ searches your analysis data and loads the analysis result quickly.



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.



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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