

Ortho Report

The screenshot displays the Diagnocat interface for a patient named Karolin Lehmann. At the top, the Diagnocat logo and patient name are on the left, and navigation icons (home, globe, moon) and a user profile (David Johnston) are on the right. Below the patient name, it states '21 years Female ID: 008'. The interface is divided into several sections: 'Treating doctors' (showing David Johnston), 'Shared with' (showing two people icons), 'Clinical case description' (with a document icon), and a large 'CBCT AI' scan image dated 'Jun 18, 2022'. To the right of these sections is a 'Create AI report' panel with a grid of options: CBCT, Pano, IOXRay, 3D model, Implant, Ortho (highlighted with a red border), Photo, and Transcriptor. Below this panel is a 'Dental Photos' section dated 'Oct 13, 2025' with three photo thumbnails. A chat icon is visible in the bottom right corner.

Diagnocat Karolin Lehmann

David Johnston

Karolin Lehmann
21 years Female ID: 008

Treating doctors +
David Johnston

Shared with

Clinical case description

CBCT AI
Jun 18, 2022

Create AI report

- CBCT
- Pano
- IOXRay
- 3D model
- Implant
- Ortho**
- Photo
- Transcriptor

Dental Photos
Oct 13, 2025

Creating an Ortho Report

1. Navigate to Create AI Report.
2. Select Ortho.
3. In the pop-up window:
 - Select the CBCT scan.
 - Upload files via drag-and-drop or manual file selection.
1. Click Order to begin report generation.

Diagnocat Orthodontic Report includes:

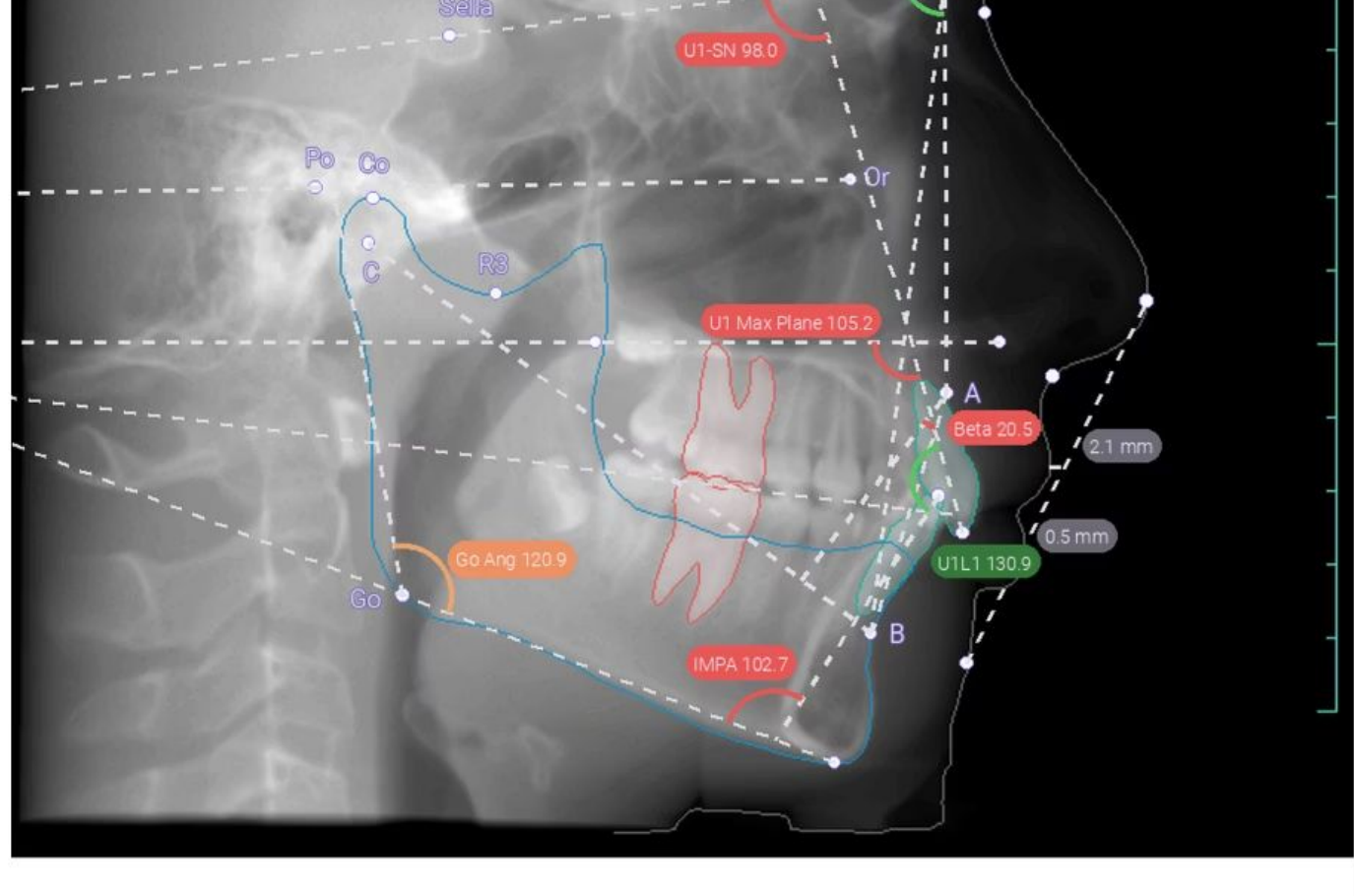
Panoramic Reconstruction

A 2D panoramic reconstruction generated directly from the CBCT scan.



Cephalometry (Right & Left Side)

Fully automated 3D cephalometric analysis with landmark detection, key measurements, and deviation indicators for both sides.



Name	Value R	Norm	Dev R
Vertical Relationship			
SN-MP	28.4	32 ± 2	1.6
FH-OP	8.0	9 ± 4	-
Go Ang	120.9	130 ± 7	2.1
Mid Height	46.8	49 ± 4	-
Low Height	53.2	50 ± 5	-
A-Po Relationship			
Beta	20.5	31 ± 2	8.5
Wits	6.1	0 ± 1	5.1
NSeAr	116.9	124 ± 5	2.1
SNA	83.0	82 ± 2	-
SNB	76.6	80 ± 2	1.6
ANB	6.6	2 ± 2	2.6
MP	63.0	71 ± 2	6.0
S-N	67.9	70 ± 3	-
Soft			
ULip to Eline	-2.1	-4 ± 2	-
LLip to Eline	0.5	-2 ± 2	0.5
Incisor Relationship			
Overjet	3.8	3 ± 1	-
Overbite	5.1	3 ± 1	1.1
U1-SN	98.0	105 ± 2	5.0
U1-PP	105.2	110 ± 2	2.8
U1-TVL (ANS)	-5.1	0 ± 1	4.1
Interincisal	130.9	130 ± 6	-
LI-MP	102.7	90 ± 5	7.7
Shimbashi	13.5	18 ± 1	3.5

Moderate 1-2 deviations Severe >2 deviations

Cephalometry (Comments)

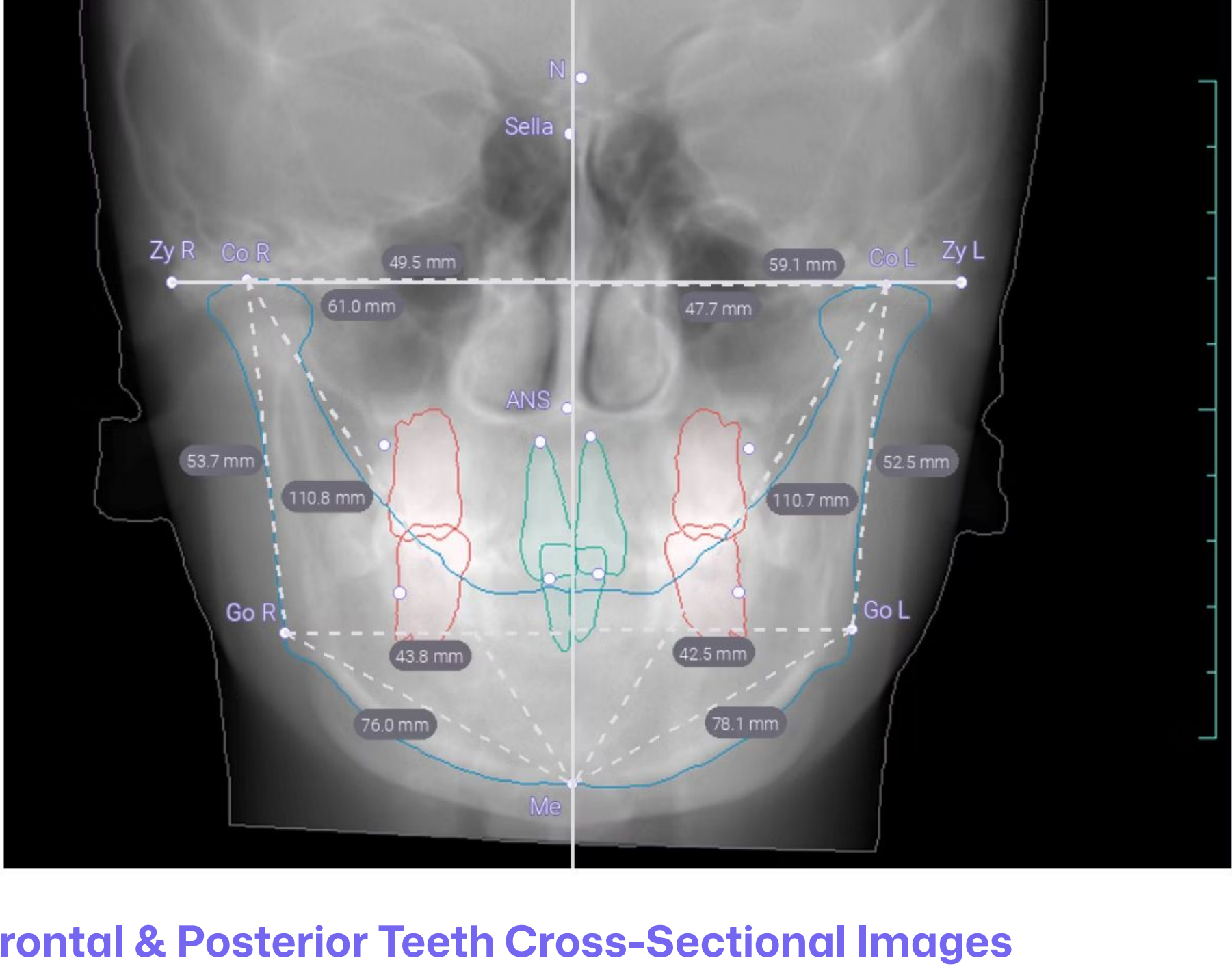
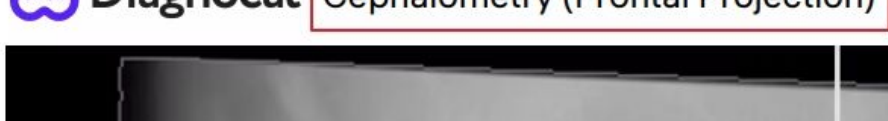
A side-by-side comparison table with clinical interpretation for each measured parameter.



Comments L	Deviation L	Value L	Name	Norm	Value R	Deviation R	Comments R
Vertical Relationship							
low angle	1.3	28.7	SN-MP	32 ± 2	28.4	1.6	low angle
normal growth pattern	-	7.9	FH-OP	9 ± 4	8.0	-	normal growth pattern
hypodivergent growth pattern	2.5	120.5	Go Ang	130 ± 7	120.9	2.1	hypodivergent growth pattern
normal mid height	-	46.8	Mid Height	49 ± 4	46.8	-	normal mid height
normal lower height	-	53.2	Low Height	50 ± 5	53.2	-	normal lower height
A-Po Relationship							
skeletal class II	8.8	20.2	Beta	31 ± 2	20.5	8.5	skeletal class II
skeletal class II	4.7	5.7	Wits	0 ± 1	6.1	5.1	skeletal class II
skeletal class I	-	122.1	NSeAr	124 ± 5	116.9	2.1	skeletal class III
normal maxillary position	-	83.0	SNA	82 ± 2	83.0	-	normal maxillary position
mandibular retroposition	1.6	76.4	SNB	80 ± 2	76.4	1.6	mandibular retroposition
skeletal class II	2.6	6.6	ANB	2 ± 2	6.6	2.6	skeletal class II
mandibular micrognathia	2.7	66.3	MP	71 ± 2	63.0	6.0	mandibular micrognathia
skull base length	-	67.9	S-N	70 ± 3	67.9	-	skull base length
Soft							
normal upper lip	-	-2.1	ULip to Eline	-4 ± 2	-2.1	-	normal upper lip
protrusive lower lip	0.5	0.5	LLip to Eline	-2 ± 2	0.5	0.5	protrusive lower lip
Incisor Relationship							
normal overjet	-	3.5	Overjet	3 ± 1	3.8	-	normal overjet
normal overbite	-	3.6	Overbite	3 ± 1	5.1	1.1	excessive overbite
upper incisor retrusion	1.1	101.9	U1-SN	105 ± 2	98.0	5.0	upper incisor retrusion
normal inclination of the upper incisors	-	109.2	U1-PP	110 ± 2	105.2	2.8	upper incisor retrusion
upper incisor retrusion	2.9	-3.9	U1-TVL (ANS)	0 ± 1	-5.1	4.1	upper incisor retrusion
proclined incisors	5.5	118.5	Interincisal	130 ± 6	130.9	-	normal incisors inclination
lower incisor protrusion	15.8	110.8	LI-MP	90 ± 5	102.7	7.7	lower incisor protrusion
	2.1	14.9	Shimbashi	18 ± 1	13.5	3.5	

Cephalometry (Frontal Projection)

Frontal cephalometric analysis with transverse measurements and anatomical landmark mapping.



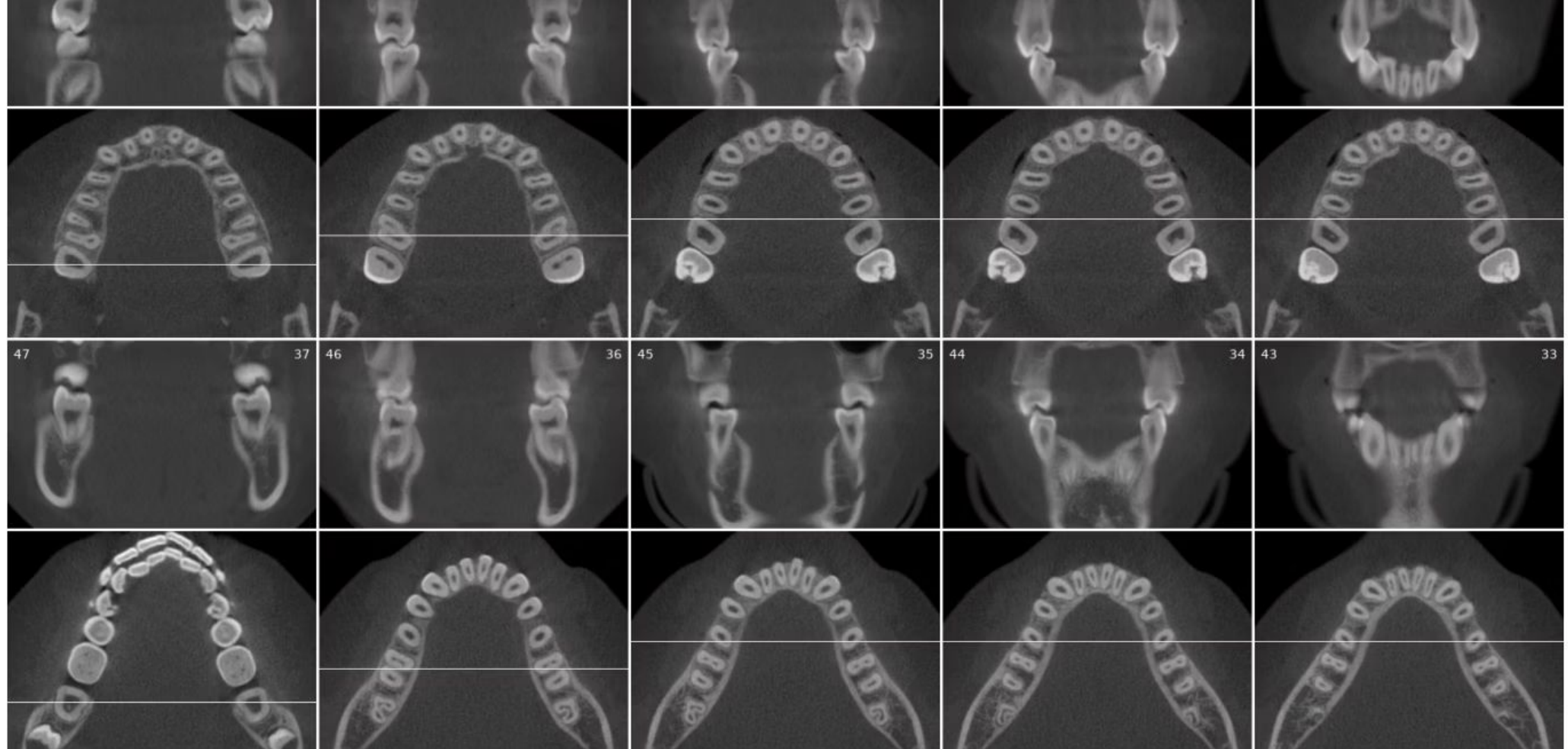
Frontal & Posterior Teeth Cross-Sectional Images

Individual cross-sectional views of each tooth for detailed root and bone assessment.



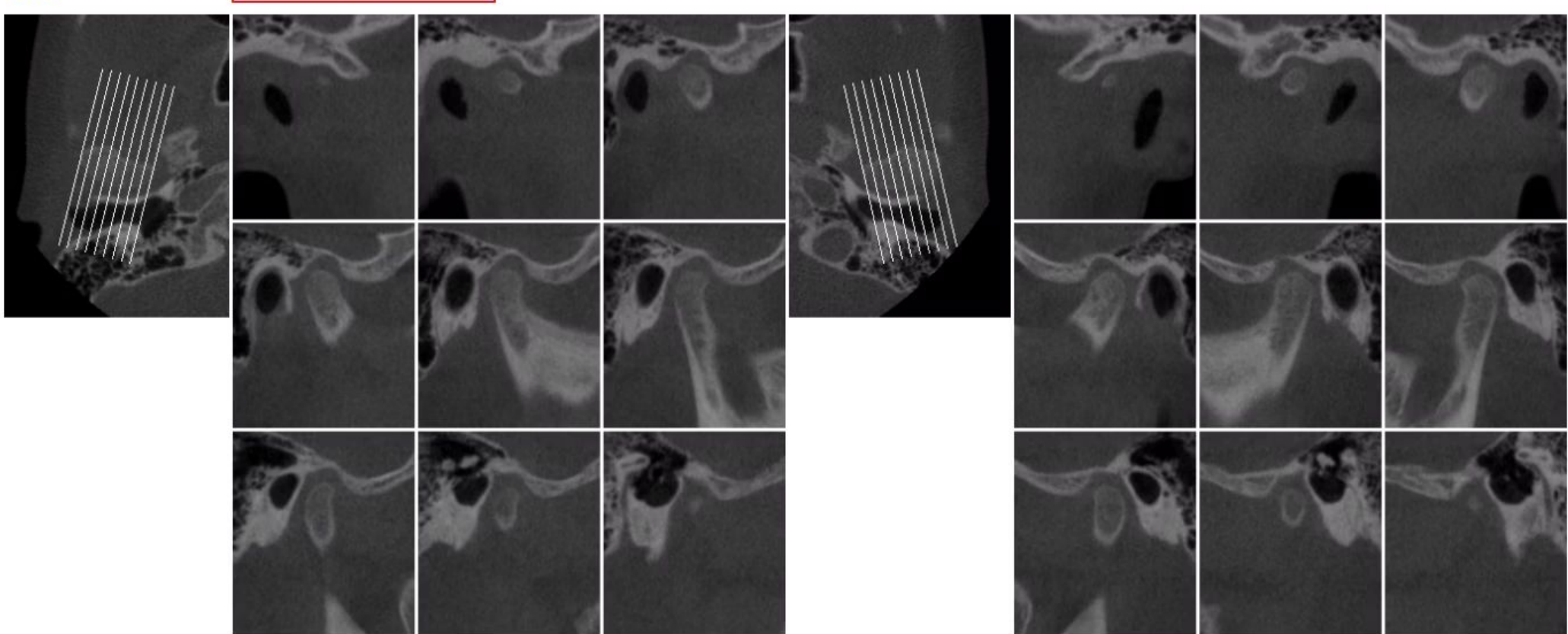
Coronal Images

Coronal slices of the dental arches for evaluating occlusion and tooth positioning.



TMJ Sagittal & Coronal Slices

Detailed multiplanar slices of the temporomandibular joints on both sides.

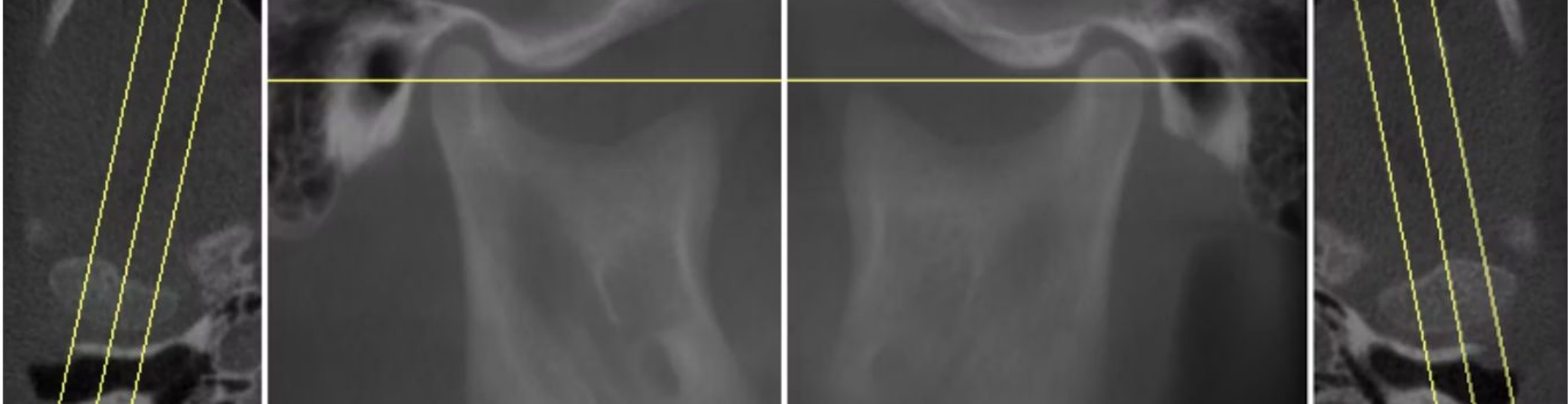


Right Side (Interval 2.03 mm)

Left Side (Interval 2.06 mm)

TMJ Coronal & Sagittal Summation

Composite summary views of the TMJ structures for quick assessment.

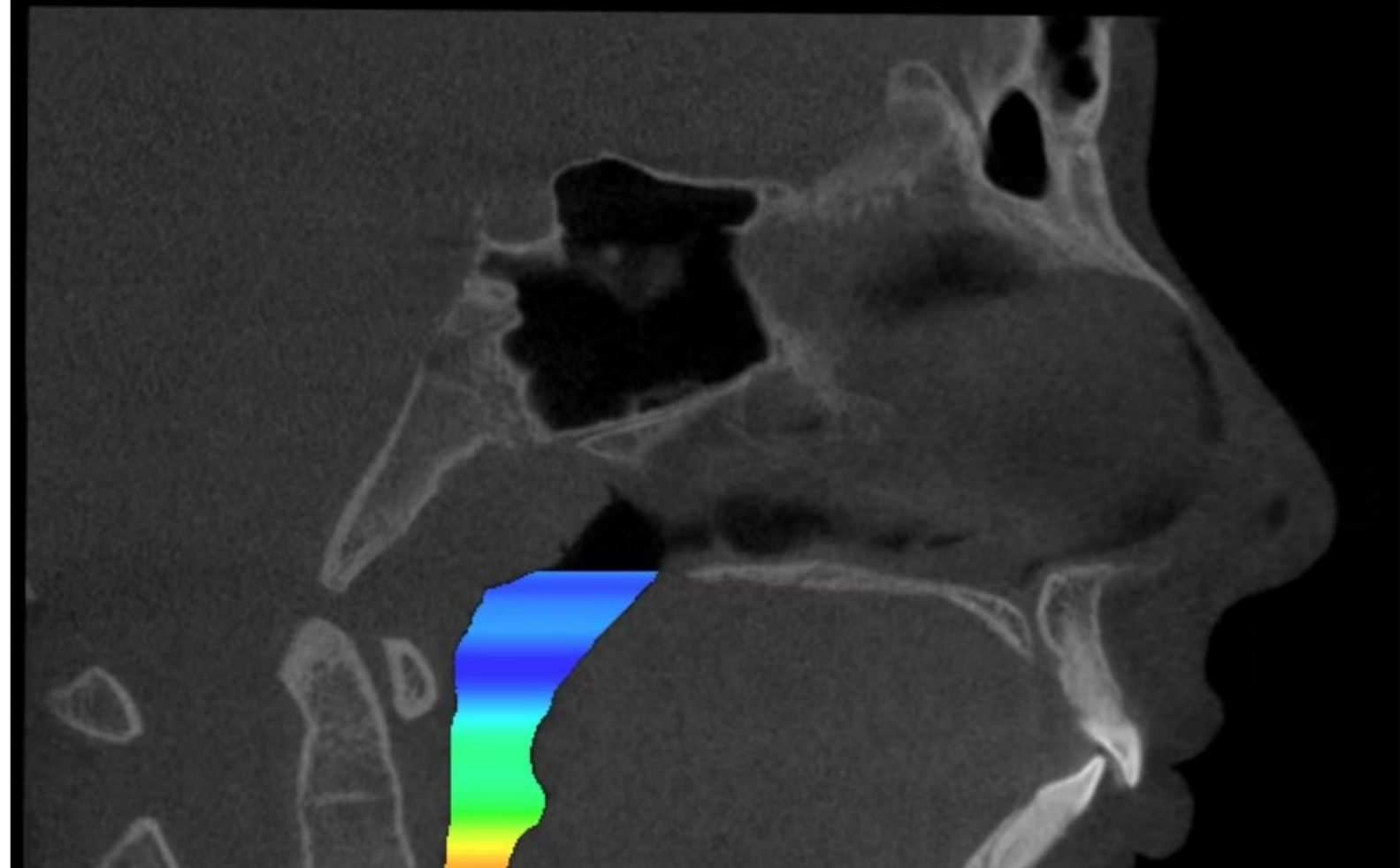


Right Side

Left Side

Airways

Analysis of airway volume and minimum cross-sectional area.



Together, these capabilities help orthodontic teams streamline analysis, gain clearer clinical insights, and make more informed treatment decisions.