



See More

See Clarity

DENTRI α

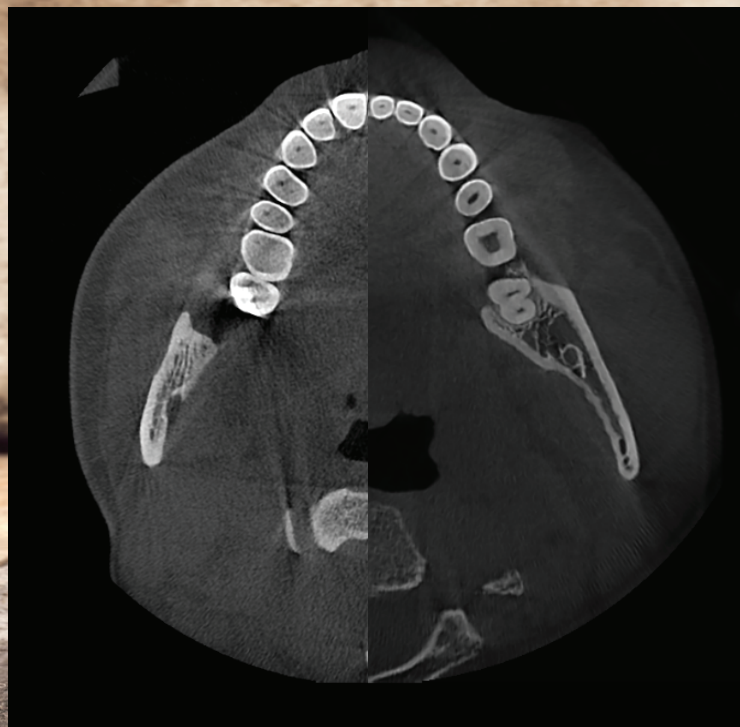
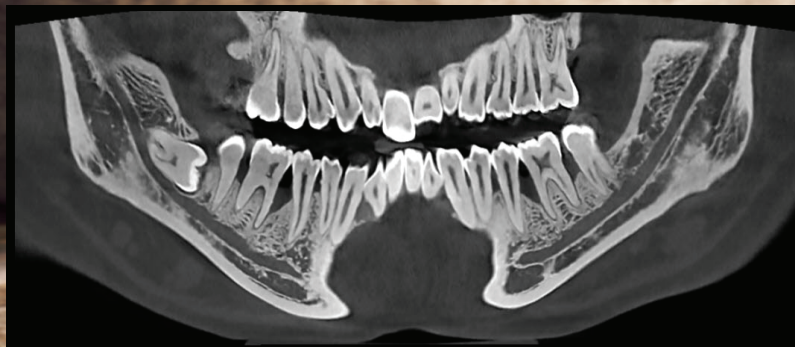
HpxWill

HDX CYOPTIX

Explore the transition with CYOPTIX

Enhanced Recon Algorithm Applied

Our "ONGOING" software technology development creates striking contrast and sharpness of images. We strive to provide you with the latest technology.



Dentri α ™ Classic

Renowned for its Crisp, Ultra-HD imagery Dentri α Classic will become an indispensable part of your expanding practice. Powerful yet flexible, the Dentri α Classic provides a wide **Field of View (FOV) 16x8cm** and crisp panoramic imaging.



Dentri α ™ Extended

The Dentri α Extended CBCT expands the **Field of View (FOV) 16 x 14.5cm**. This feature allows for an expanded view of the facial structures, sinus, TMJ, and dentition with the quality images Dentri α Extended provides.

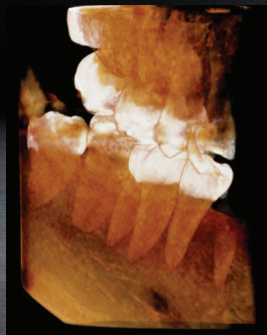


FREE FOV

Capture **ANY SIZE** for diagnosis



Left maxilla view for implant evaluation



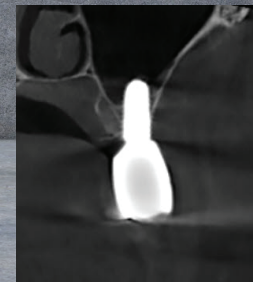
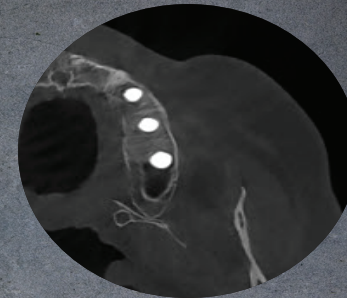
Right Mandible for endodontic diagnosis

Voxel Size



Precise Diagnosis **min**
0.1mm voxel size

MAR

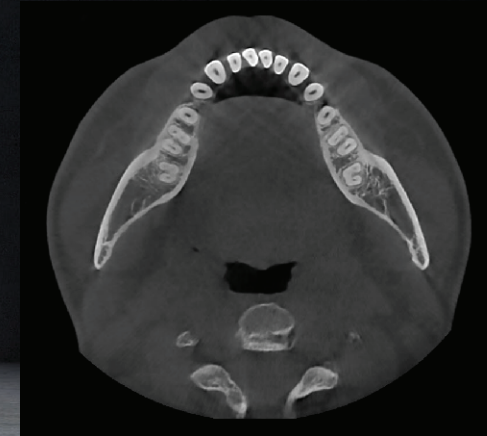


Metal Artifact Reduction-
Reduces artifacts for
diagnosis

Ultra Fast Scan



Normal Scan

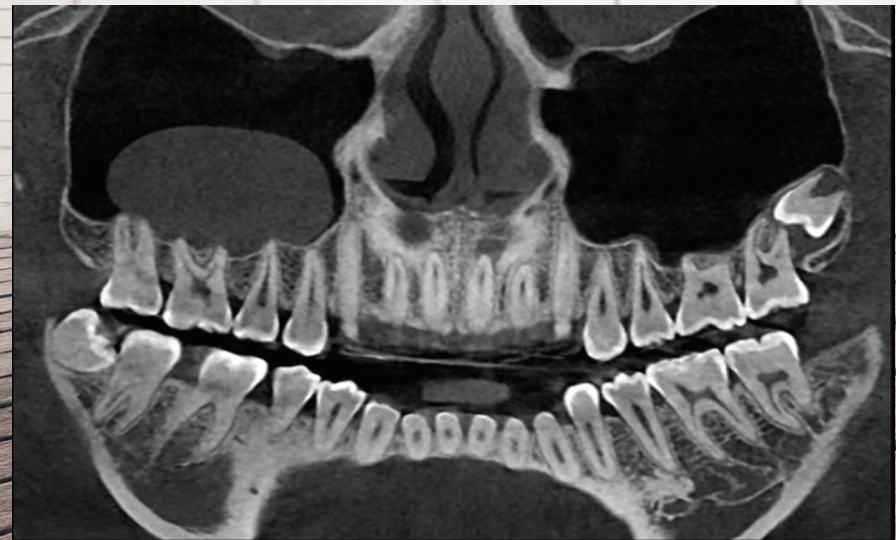
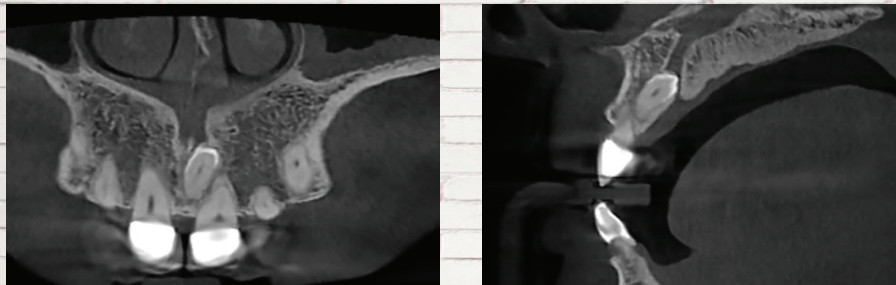


Ultra **Fast** Scan

Ultra Fast Scan- Reduces motion
artifacts and **lowers radiation dose**

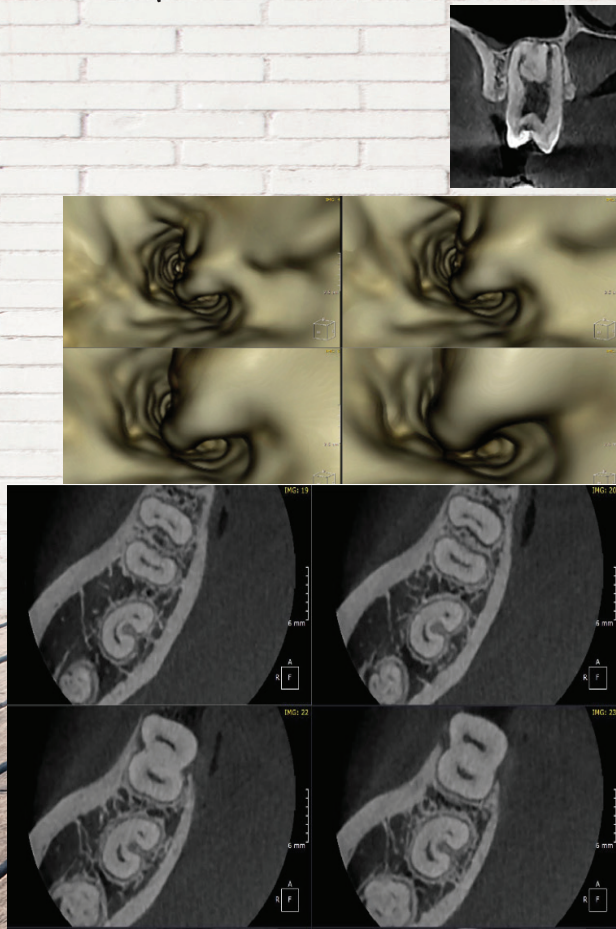
Oral Surgery

Wide views to evaluate severe impactions



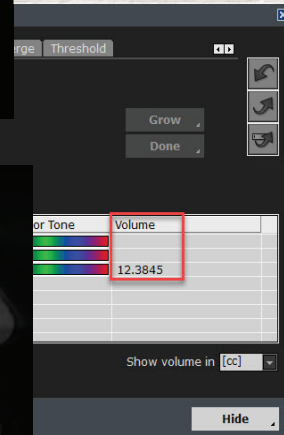
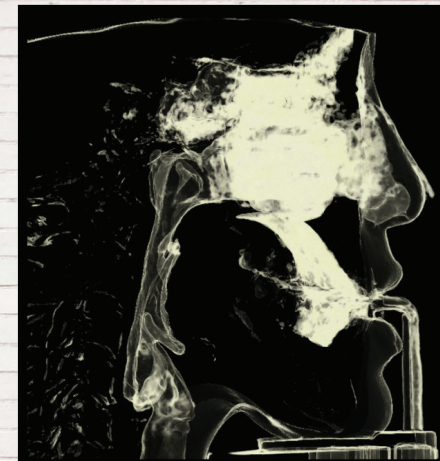
Endodontics

Multilayer view analysis of canals



Otolaryngology

Airway morphology and volume analysis



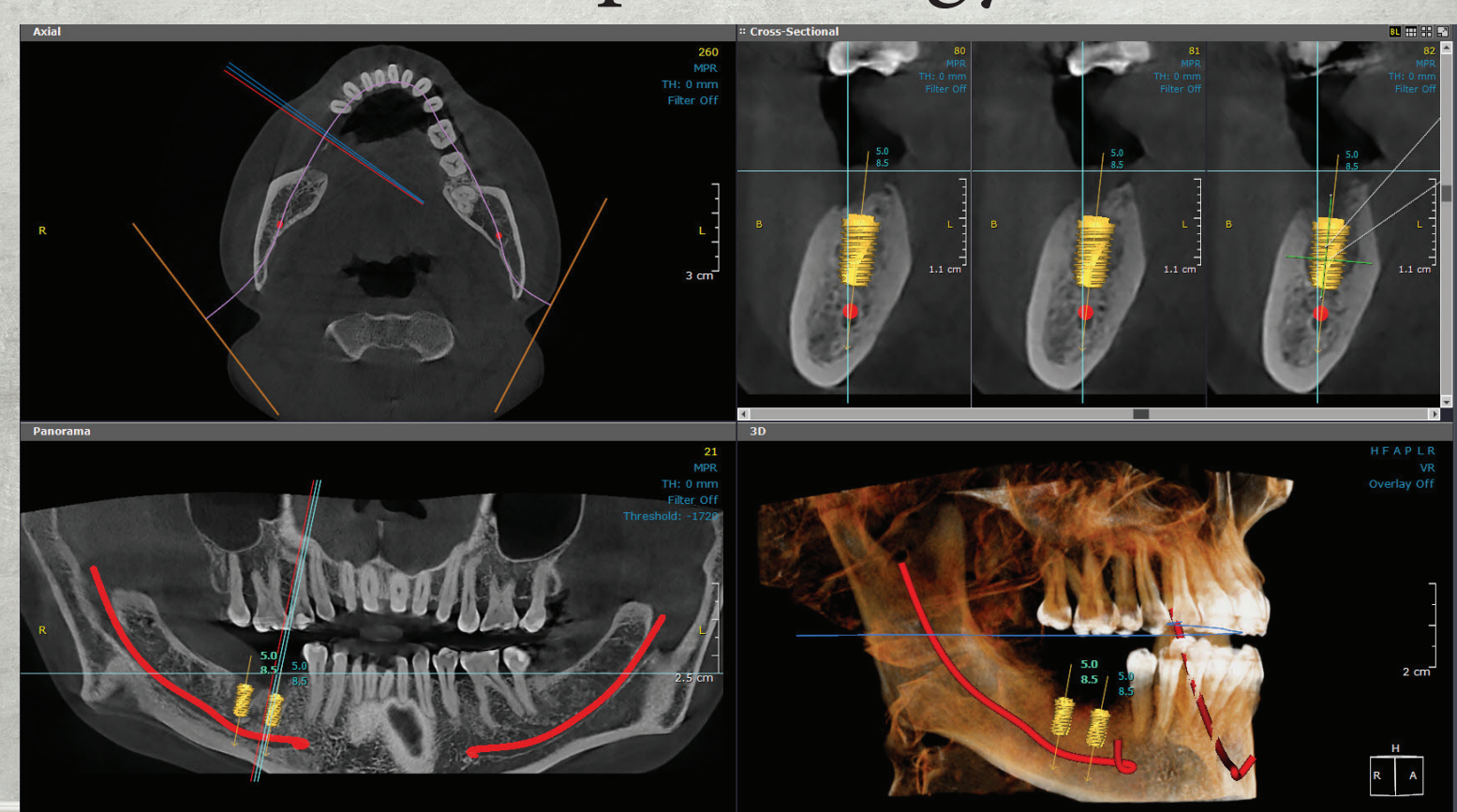
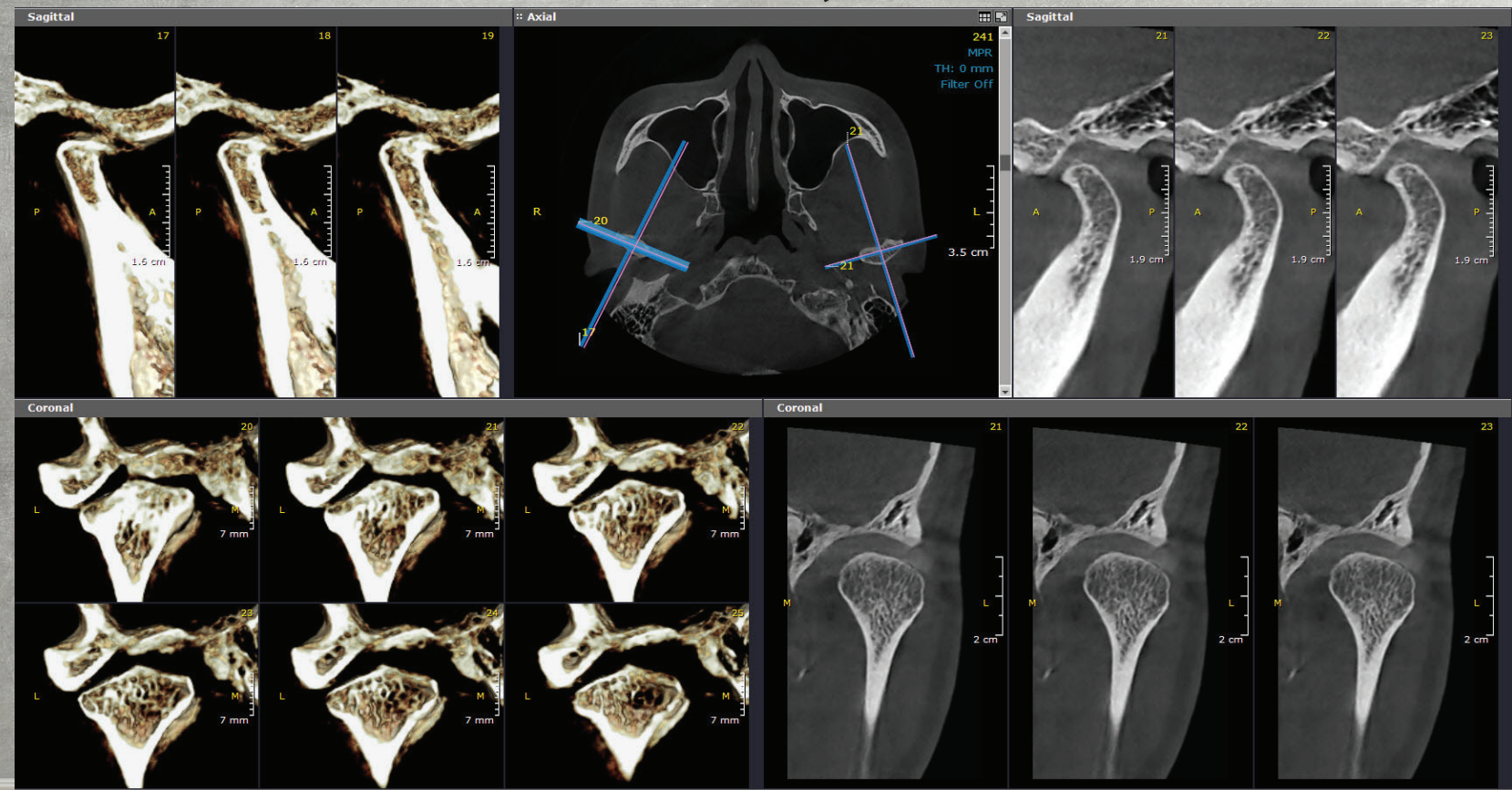
Orthodontics

3D view without distortion for skeletal & asymmetric analysis

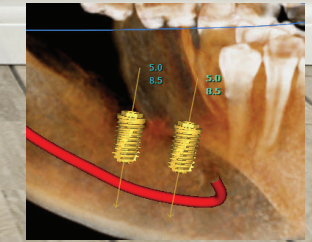


TMJ

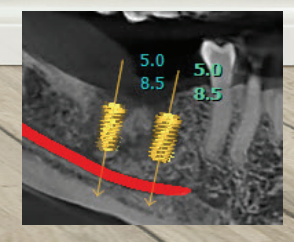
Implantology



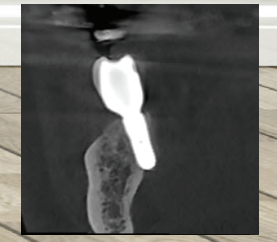
Location and angle diagnosis of bilateral mandibular condyle erosion. Multilayer view of diagnosis of TMJ ankylosis & mandibular fossa



Simulate implant using a virtual library



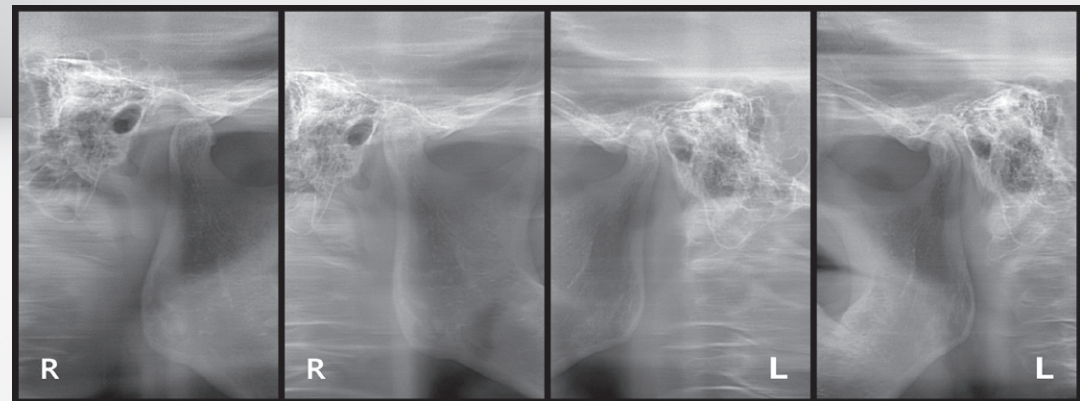
Verify final placement



Example of mispositioned implant. Avoid Mispositioning implant with CBCT data.

Dedicated 2D Panorama

Impeccable *wide* image view for diagnosis

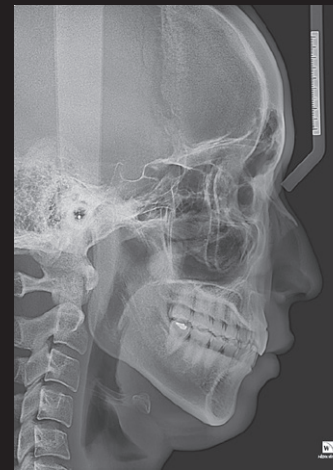


Four cut series of TMJ open/closed mouth

Cephalometric X-Ray

Dentri C α TM one shot type attachment reduces movement artifacts and provides superior image quality.

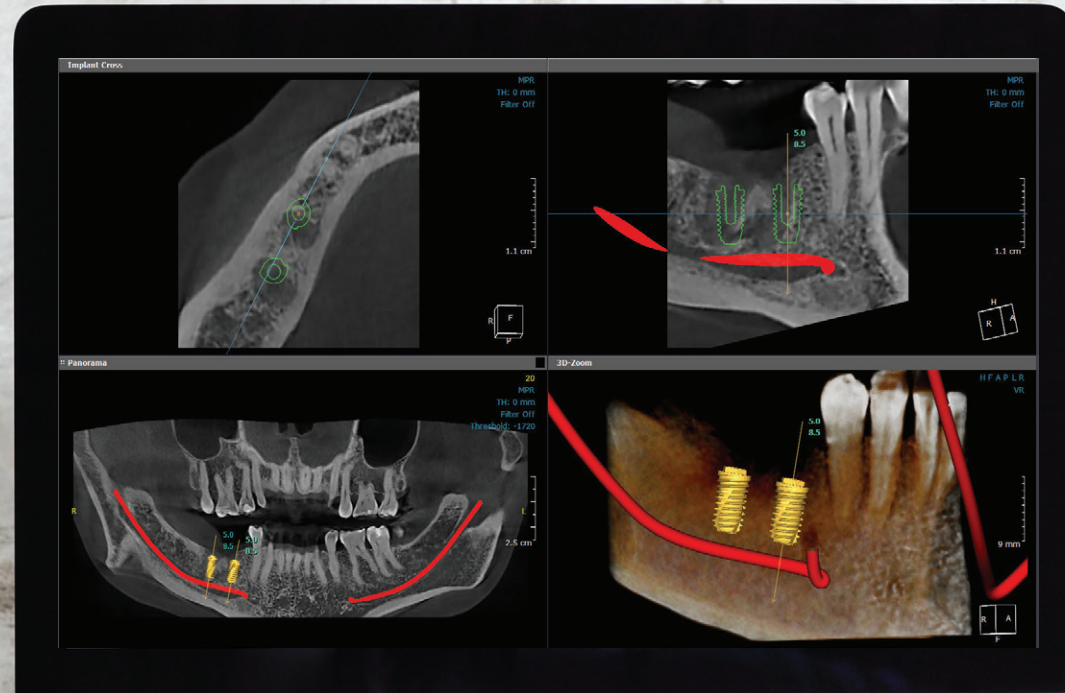
Dentri C α TM



Dentri S α TM

Dentri S α TM scanning type attachment provides affordable and reliable option.

With your Dentri α ™ intuitive software package includes Ondemand3D™

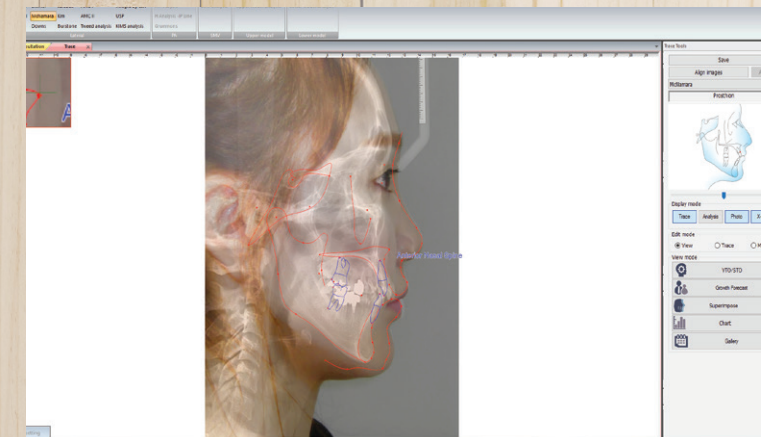
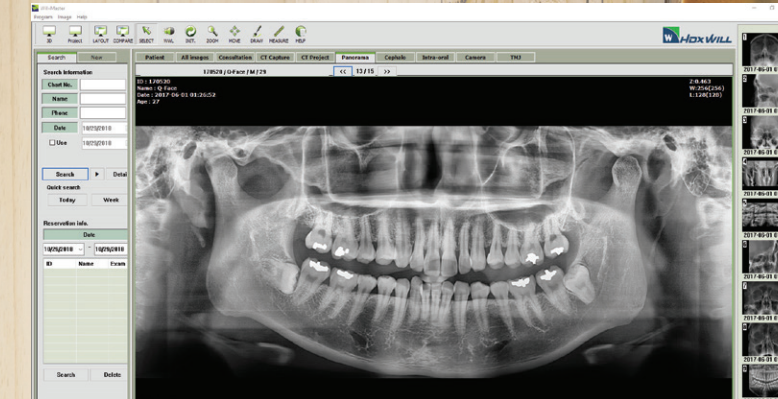


Powerful 3D user friendly navigation software for digital treatment planning

Available Software

Will-Master

Patient image management software and 2D Viewer. Allows you to import and export images in your own practice. Compatible with 3D viewer navigation software.

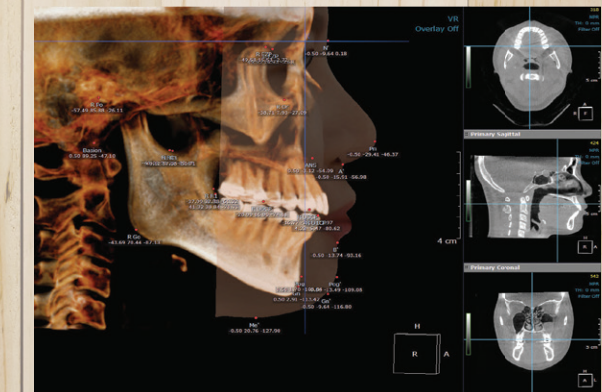


3D Cephalometric Analysis Module

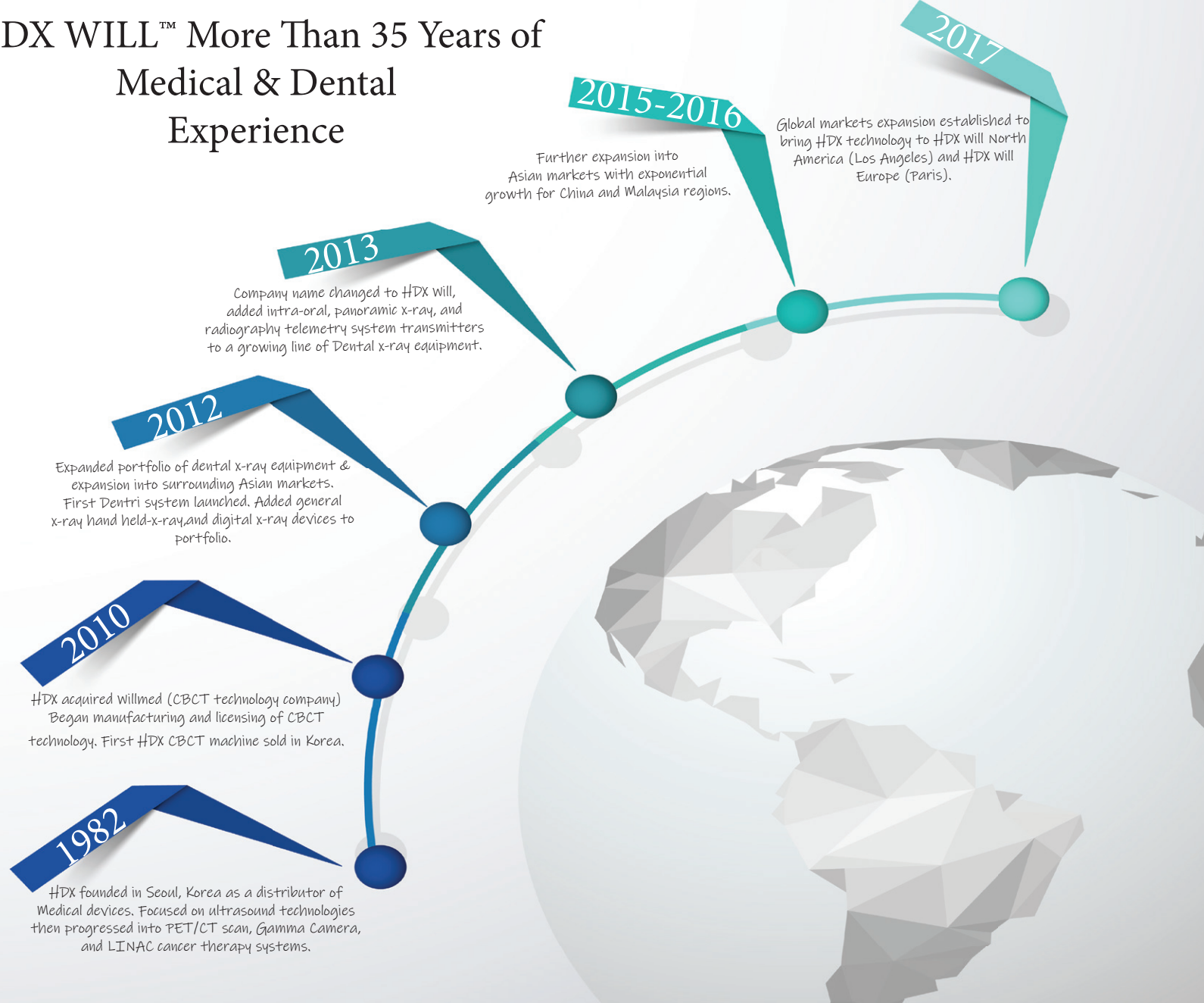
The next generation cephalometric analysis with large FOV to evaluate cephalometric landmarks. (Optional)

Will-Ceph

2D Cephalometric analysis software (Optional)

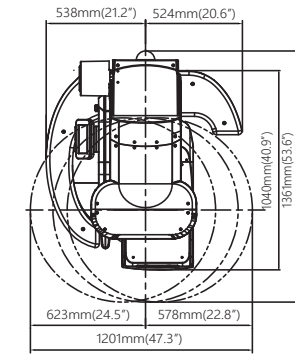
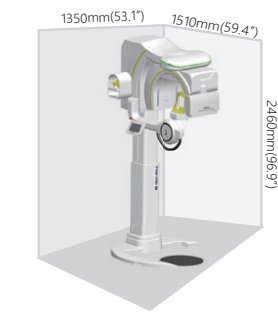


HDX WILL™ More Than 35 Years of Medical & Dental Experience

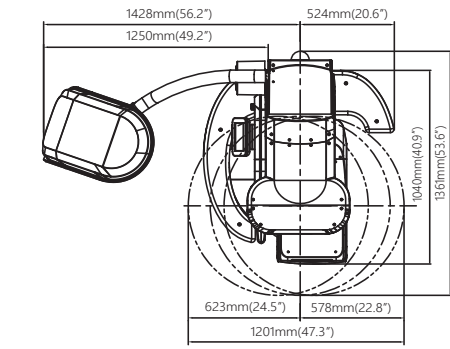
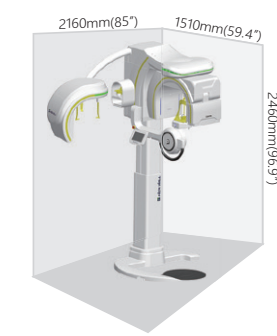


Minimum Space Required & Dimensions

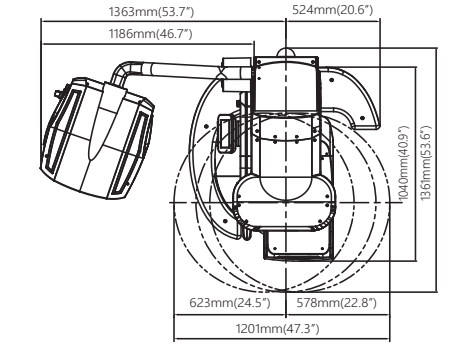
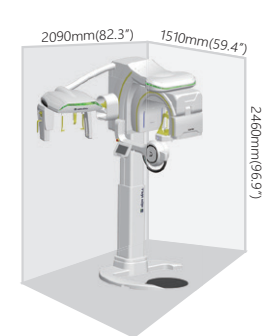
DENTRI α™ : PANO/CBCT



DENTRI C α™ : PANO/CBCT/ONE-SHOT CEPH



DENTRI S α™ : PANO/CBCT/SCAN CEPH



Product Details

Model	Panorama	Cephalo		CT	FOV (cm x cm)		
		One-Shot	Scan		16 x 14.5	Free FOV	16 x 8
DENTRI α	Extended	•		•	•	•	
	Classic	•		•	•	•	
DENTRI-Cα	Extended	•	•	•	•	•	
	Classic	•	•	•	•	•	
DENTRI-Sα	Extended	•	•	•	•	•	
	Classic	•	•	•	•	•	

SPECIFICATIONS

X-ray Beam			Cone Beam	Patient Position		Standing (Wheel chair accessible)
Scan Time	CT (Pulsed)	Dentri Classic (16x8cm)	8s(Ultra Fast Scan) 24s(Nomal Scan)	Detector Type	CT & Panorama	CMOS
		Dentri Extended (16x14.5cm)	16s(Ultra Fast Scan) 36s(Normal scan)			One-shot Type Cephalo
	Panorama		14s and less		Scan Type Cephalo	TDI CCD
	One-shot Type Cephalo		0.5s, 1.0s, 1.5s, 2.0s		CT & Panorama	14 bits
	Scan type Cephalo		4s(Fast Scan) 8s(Nomal scan)		One-shot Type Cephalo	14 bits
Field of View (CT)(cm x cm) (Diam. x Height)	Dentri α Classic		Free FOV Max 16x8	Gray Scale	Scan Type Cephalo	16 bits
	Dentri α Extended		Free FOV Max 16x14.5		Dimension (mm x mm x mm) (WxDxH) (Tolerance : ± 5%)	Dentri α : 1201x1361x2455 Dentri C α : 2006x1361x2455 Dentri S α:1941x1361x2455
Voxel Size(CT)(mm)			0.10, 0.15, 0.20, 0.25, 0.30	System Weight (Tolerance : ± 10%)		Dentri α : 243 kg (Dentri Extended) 233 kg (Dentri Classic)
Focal Spot (mm)			0.5	Control Device		Dentri C α : 270 kg (Dentri Extended) 260 kg (Dentri Classic)
Reconstruction Time			Minimum 8s (Standard Recon, MAR off)	Install		Dentri S α : 260 kg (Dentri Extended) 250 kg (Dentri Classic)
Patient Alignment			Vertical Column (optional) : Electric motion Column : Electric motion Temple Support : Motion	Workstation	OS	Windows 7 64bit
Control Device			Alignment : Touch Panel Exposure & Imaging Acquisition : PC		Memory	16Gb
Install			Free Standing			
Tube Voltage			60kVp-110kVp			
Tube Current			5mA-10mA			



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