Low Dose *Excellent Image Quality* *Rapid Reconstruction*

DENTRI α

HDXWILL

Efficient 3 in 1

CBCT

> Precise 3D Anatomical structures
- Accurate diagnosis for doctors
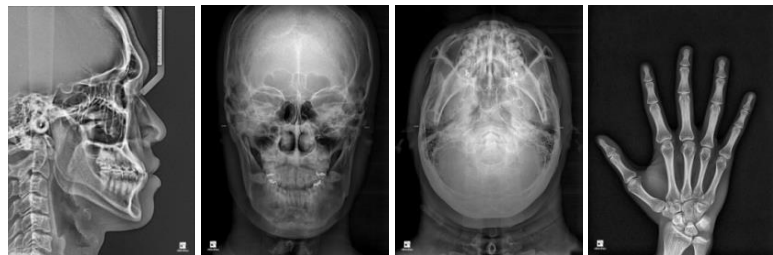- Safe implant for patients

> Significant reduction in X-ray dose

160x145 mm

160x80 mm

Cephalometric image

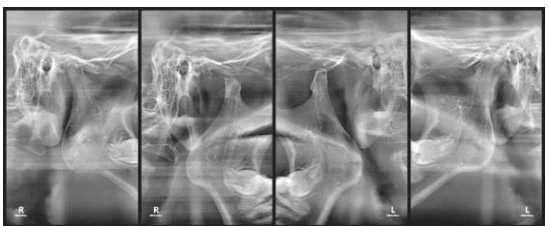**Lateral** | **Frontal** | **SMV** | **Carpus**

Lateral | **Frontal** | **Carpus**

## Panoramic image

Panorama

TMJ

Features

Artificial Intelligence

HDX WILL algorithms combine the technique of **mathematical computed tomography** with that of **deep learning.**

As a result of that, an exceptional CBCT image quality can be generated even at a **low dose x-ray** and the presence of **high-density materials**, which are known to reduce the quality of CBCT image.

The algorithms answer these previously concerned matters without losing valuable details and ultimately **go beyond the limit** of previous CBCT.
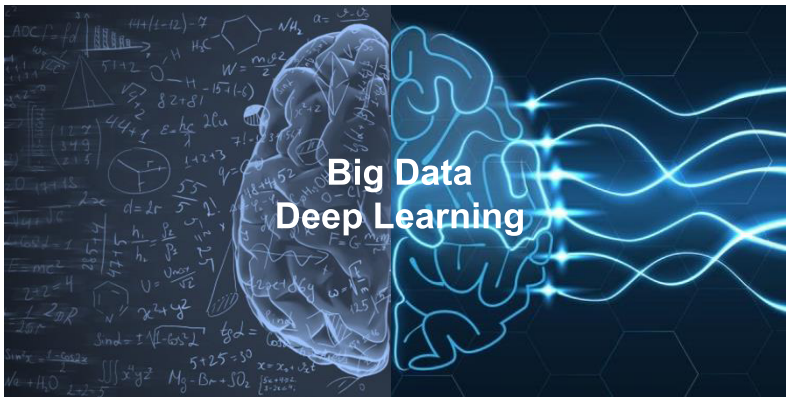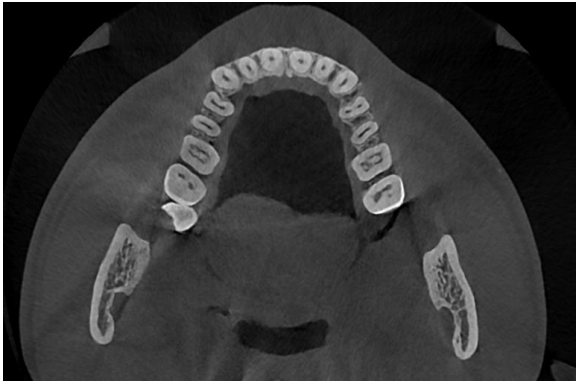

Ultra Fast Scan (UFS)
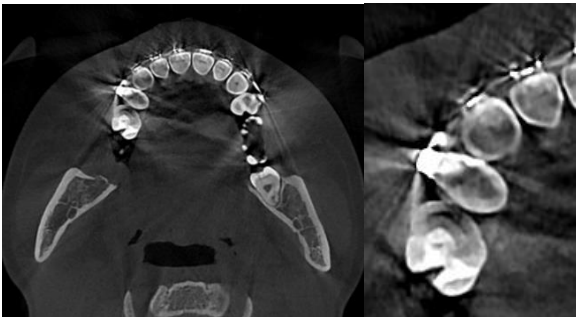

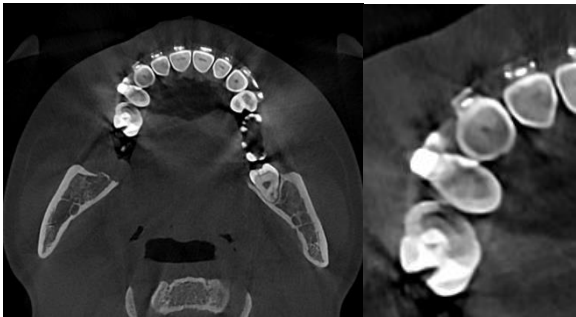**Ultra Fast Scan**

Normal Scan

Metal Artifact Reduction (MAR)

Without MAR

With MAR

Dental Programs

Patient Management Software
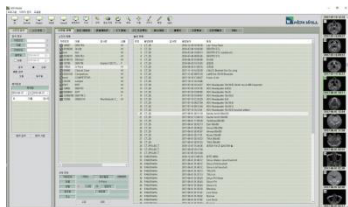
Willmaster

Counseling Video

Ceph Tracing
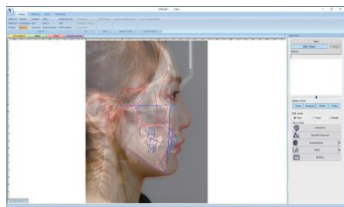
WillCeph

CBCT Software
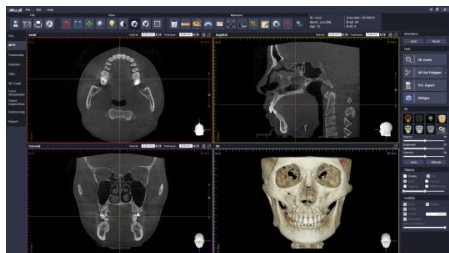
Will3D

Invivo6
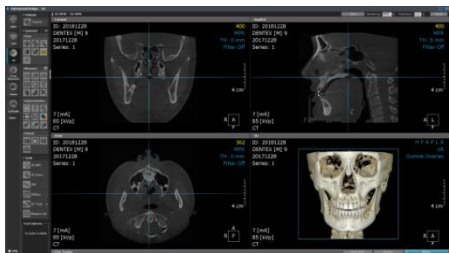
OnDemand3D

Specifications

X−ray beam		Cone beam	Patient Position	Standing
Tube Voltage		60 kV−110 kV	Patient Alignment	Vertical Column: electric motion(Optional) Column: electric motion Temple Support: motion
Focal Spot		0.5mm	Control Device	Alignment: Touch panel Exposure & Image acquisition: PC
Voxel size(CT)		0.10, 0.15, 0.20, 0.25, 0.30	Dimensions (W×D×H)	DENTRIα : 1201mm×1361mm× 2455mm DENTRI−Cα : 2006mm×1361mm×2455mm DENTRI−Sα : 1941mm×1361mm×2455mm (tolerance: ±5%)
Detector Type	CT & Panorama	CMOS		
	One shot type Cephalo	Direct(a−Se, TFT)	Install	Standing
	Scan type Cephalo	CMOS	System Weight (tolerance: ±10%)	DENTRIα : 243 kg(Stitch mode) 233 kg(Non−Stitch mode) DENTRI−Cα : 270 kg(Stitch mode) 260 kg(Non−Stitch mode) DENTRI−Sα : 260 kg(Stitch mode) 250 kg(Non−Stitch mode)
Gray Scale	CT & Panorama	14 bits		
	One shot type Cephalo	14 bits		
	Scan type Cephalo	14 bits		
Scan Time	CT(Pulsed)	8 s or 24 s 16 s or 36 s(Stitch mode)		
	Panorama	14 s and less		
	One shot type Cephalo	0.5 s, 1.0 s, 1.5 s, 2.0 s	Field of View(CT) (cm×cm) (Diameter×Height)	4×4 ~ Max. 16×14.5(Stitch) 4×4 ~ 16×8
	Scan type Cephalo	8.2 s and less	OS	Windows 10 64 bit
Reconstruction Time(With MAR)		Less than 1 minute	Memory	16G

※ **Specifications are subject to change without notice for improvement of product performance.**