



See More

See Clarity

DENTRI α

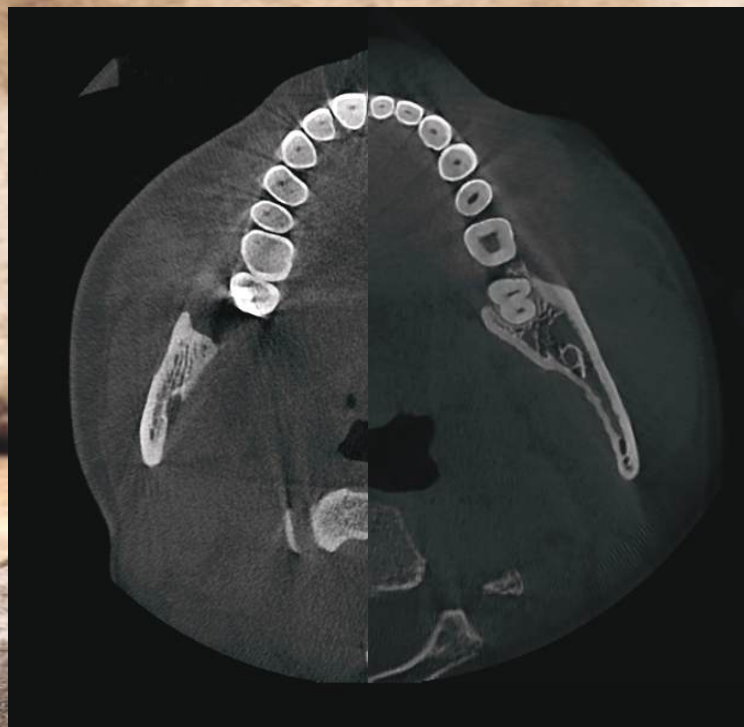
HDXWILL

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.



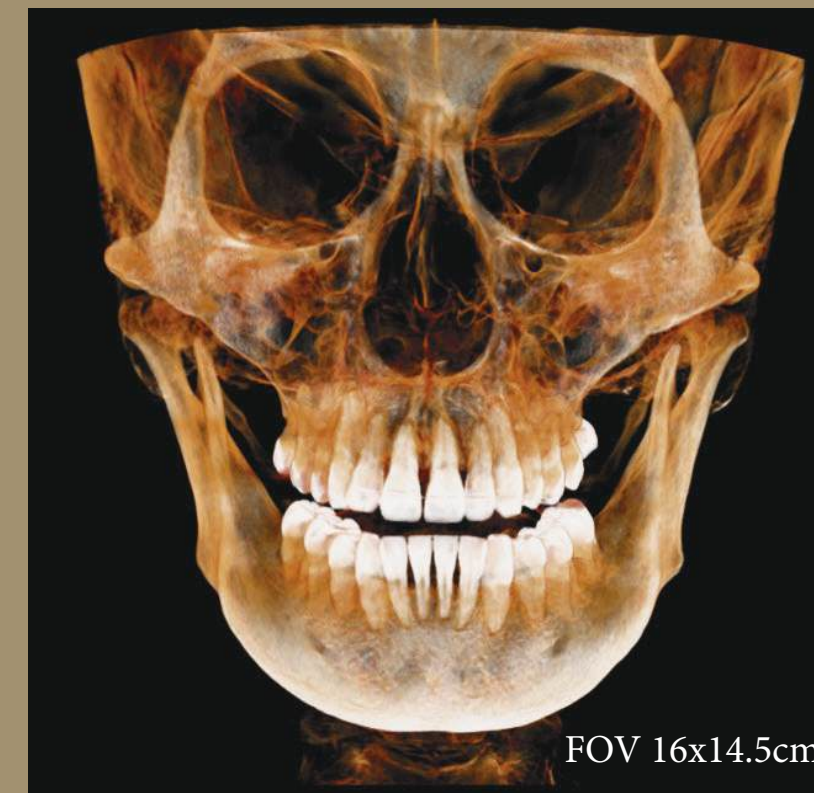
Dentri α ™ Classic

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

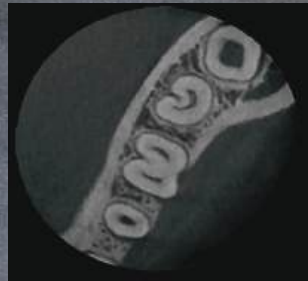


Left maxilla view for implant evaluation



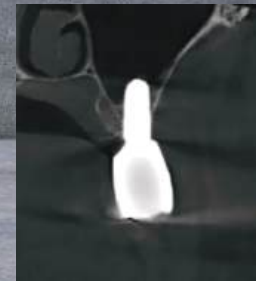
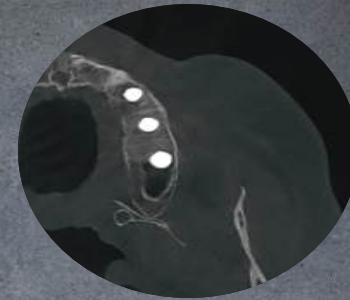
Right Mandible for endodontic diagnosis

Voxel Size



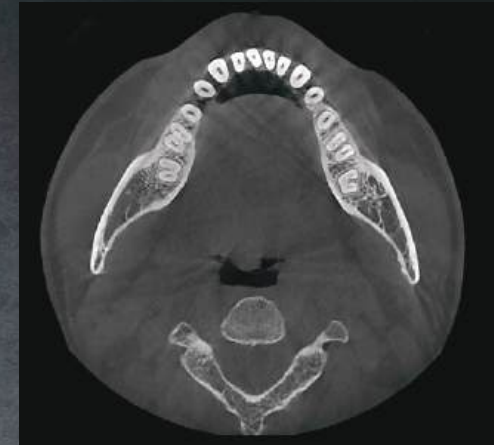
Precise Diagnosis **min**
0.1mm voxel size

MAR

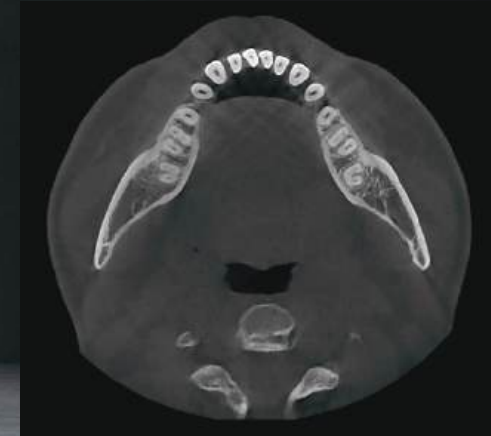


Metal Artifact Reduction-
Reduces artifacts for
diagnosis

Ultra Fast Scan



Normal Scan

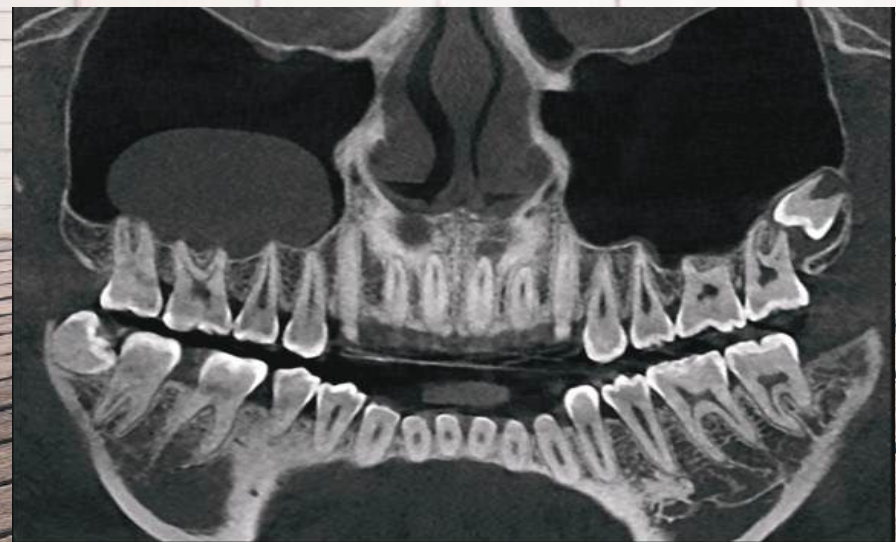
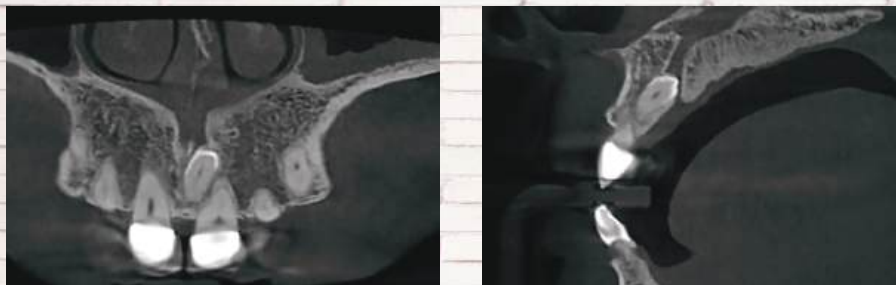


Ultra **Fast** Scan

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

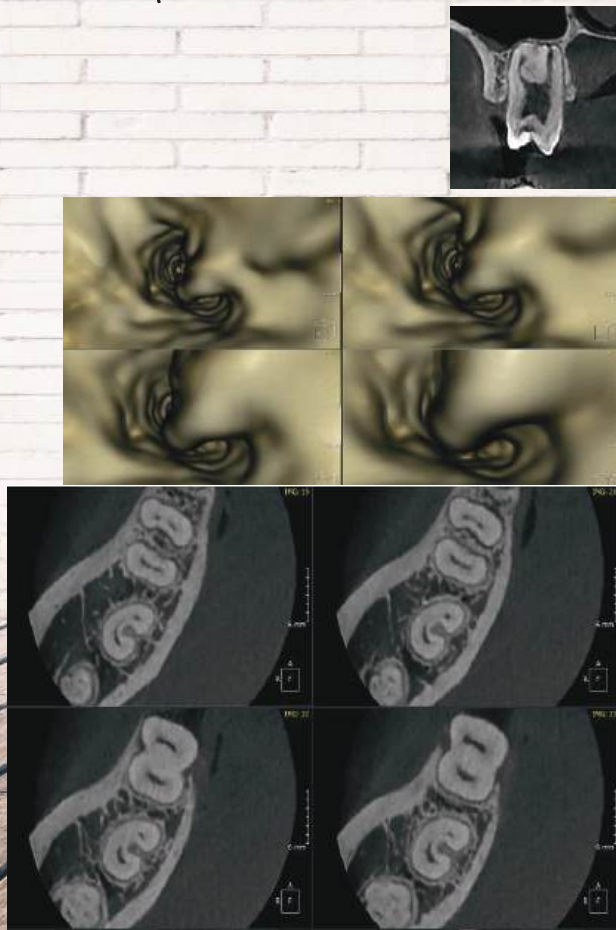
Oral Surgery

Wide views to evaluate severe impactions



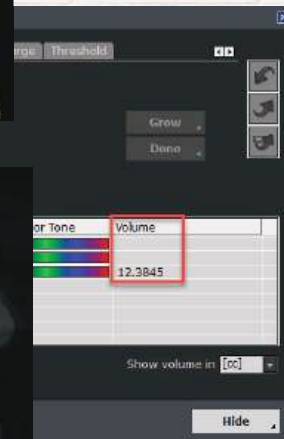
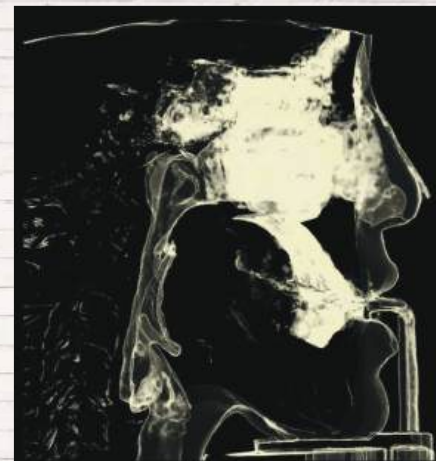
Endodontics

Multilayer view analysis of canals



Otolaryngology

Airway morphology and volume analysis



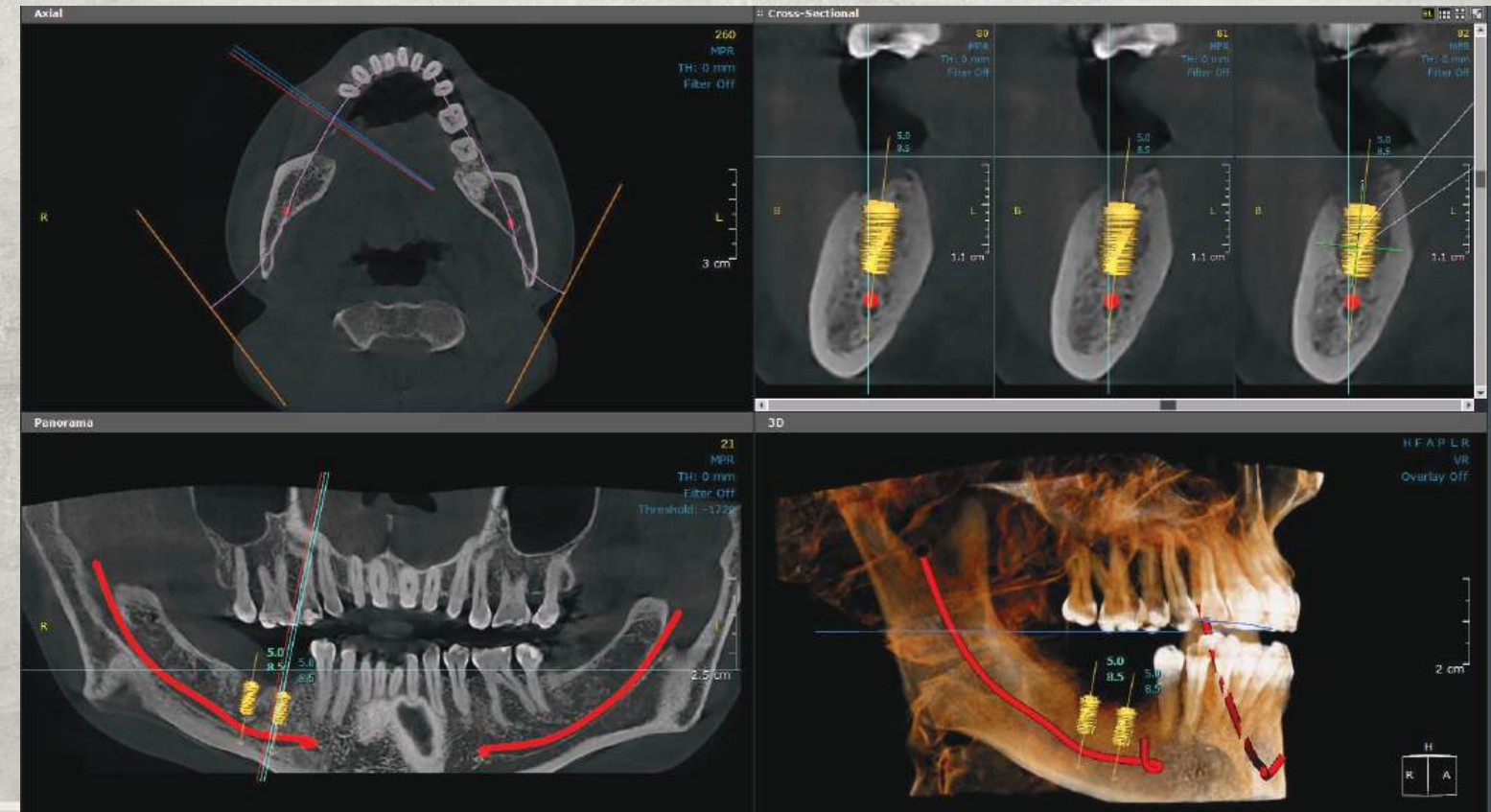
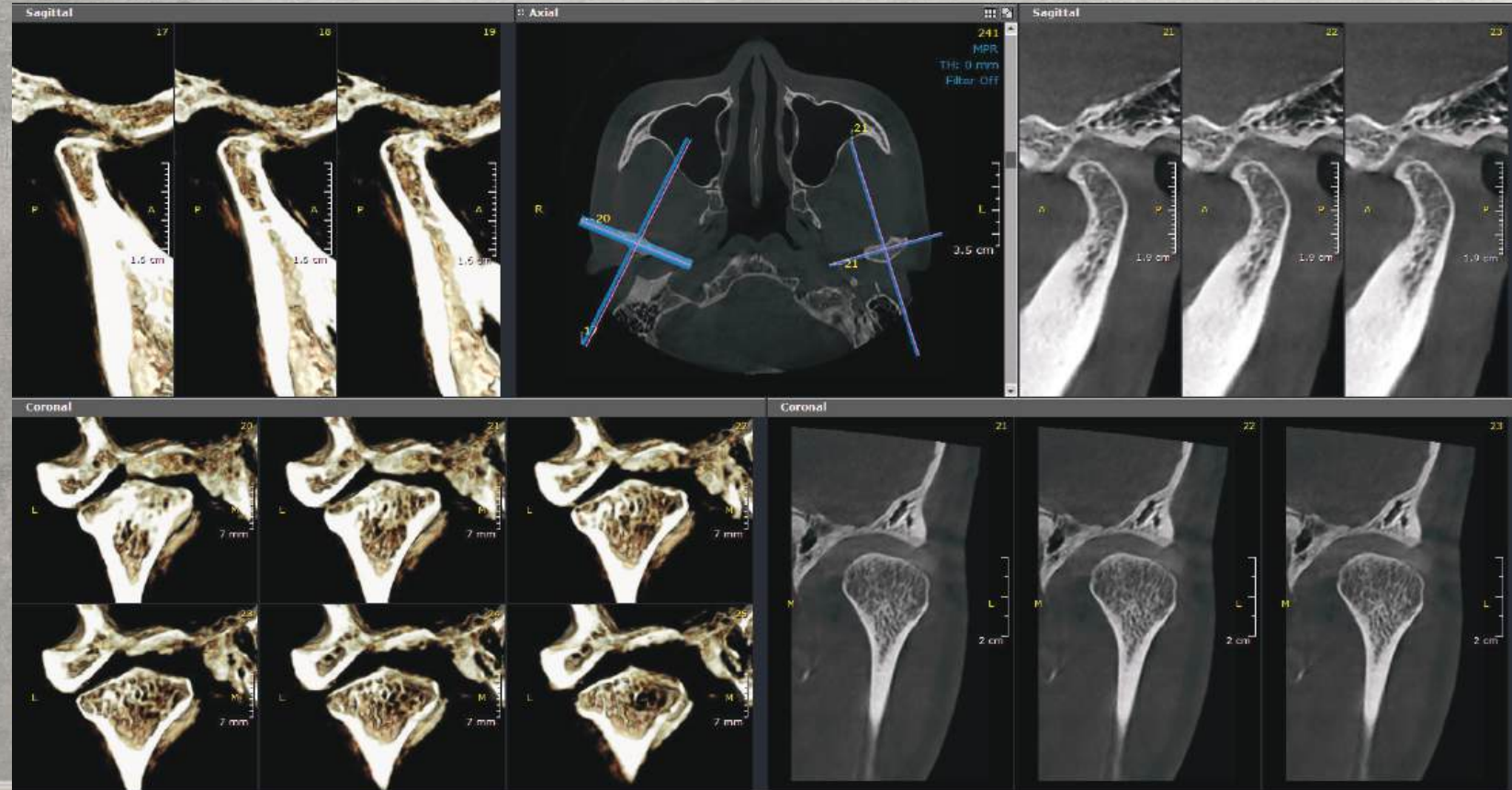
Orthodontics

3D view without distortion for skeletal & asymmetric analysis

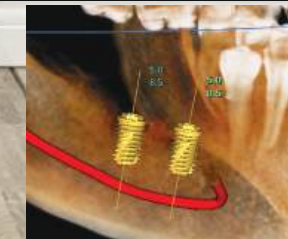


TMJ

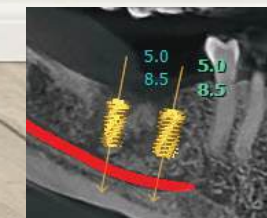
Implantology



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



Simulate implant using a virtual library



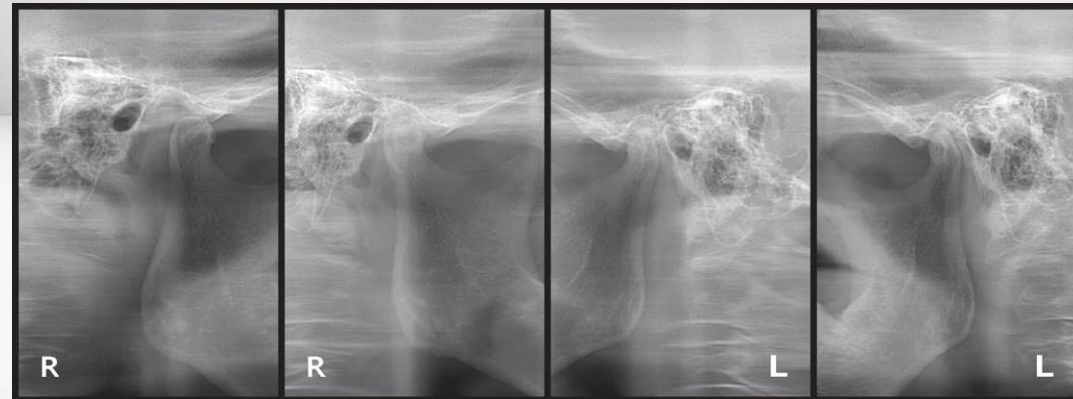
Verify final placement



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.

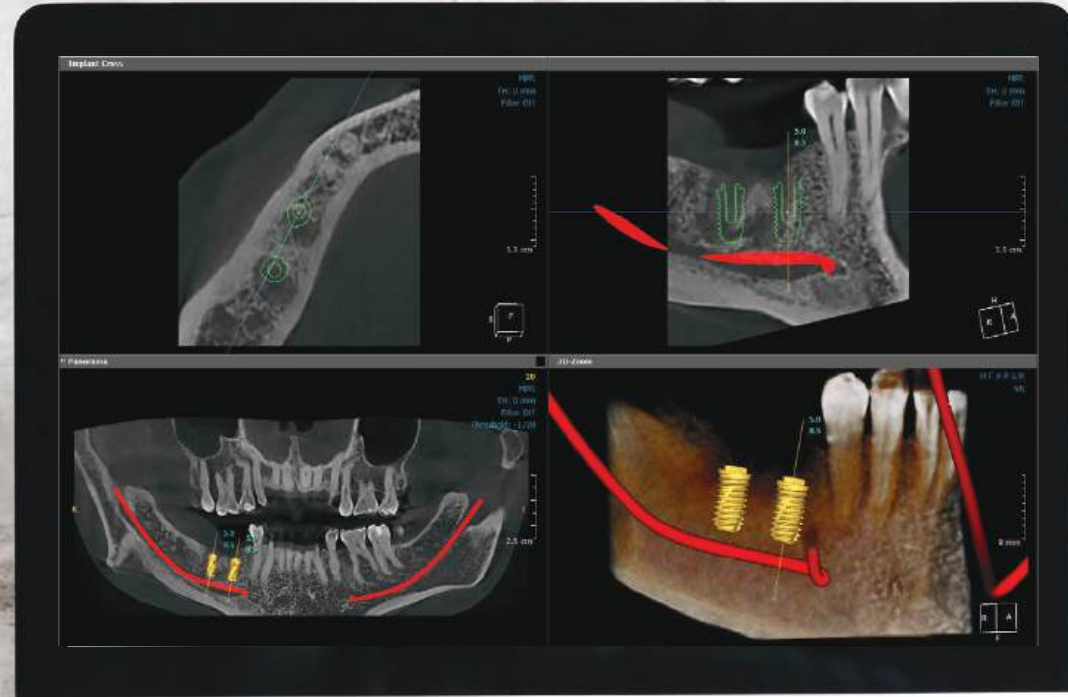
Dentri C α TM



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™

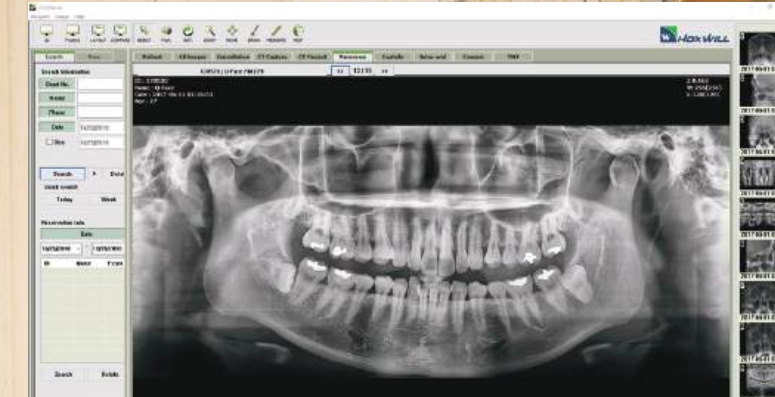


Powerful 3D user friendly navigation software for digital treatment planning

Available Software

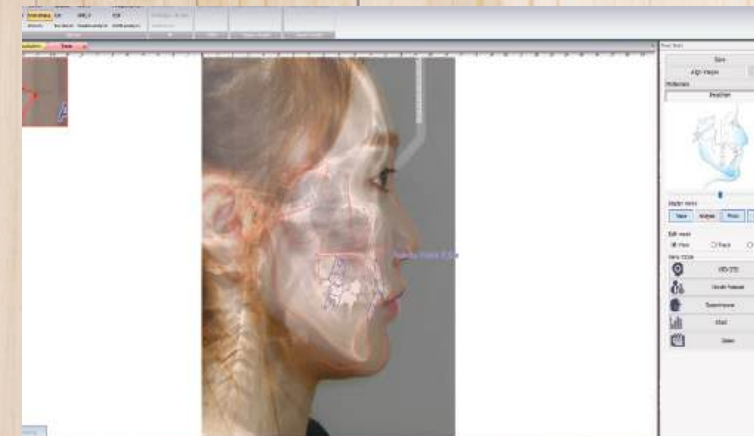
Will-Master

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



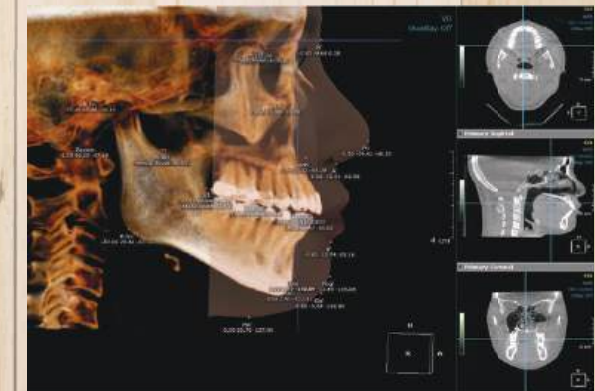
Will-Ceph

2D Cephalometric analysis software (Optional)

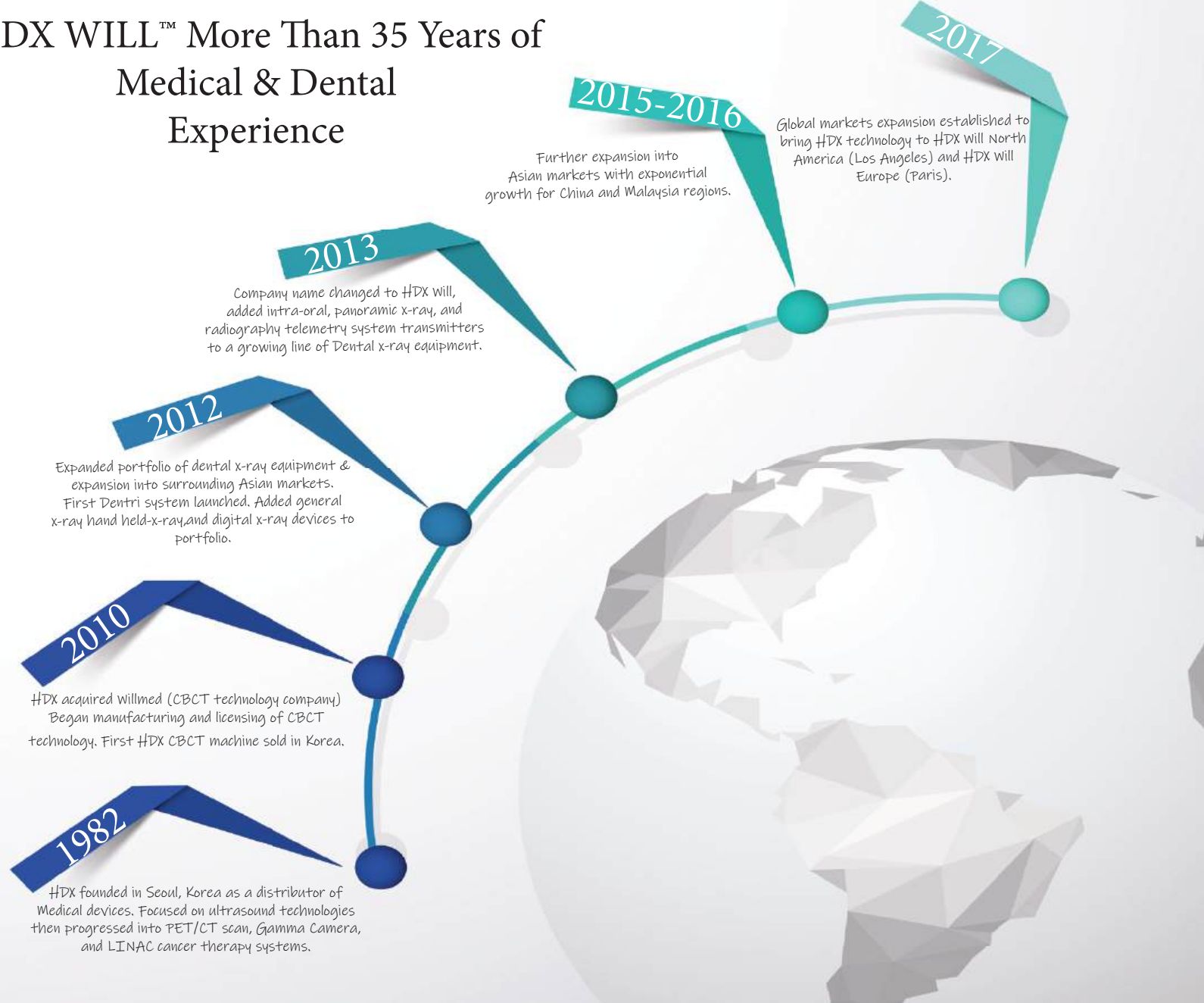


3D Cephalometric Analysis Module

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

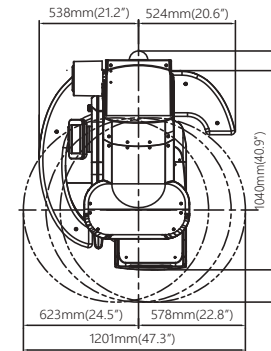


HDX WILL™ More Than 35 Years of Medical & Dental Experience

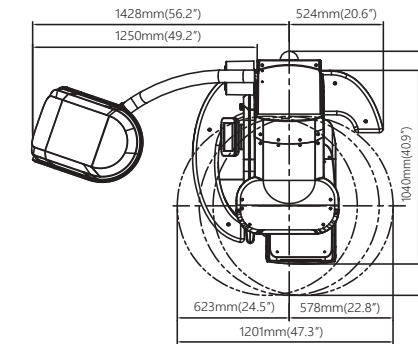


Minimum Space Required & Dimensions

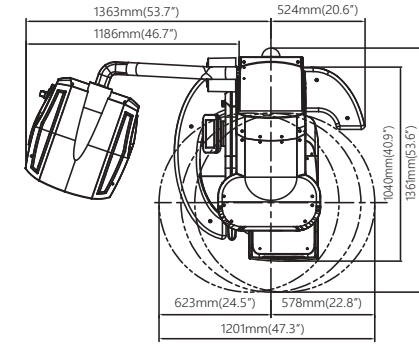
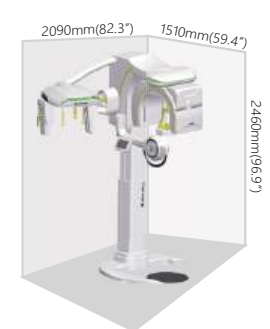
DENTRI α™ : PANO/CBCT



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 | Gray Scale | 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 | 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 | | | | Dentri C α : 270 kg (Dentri Extended) 260 kg (Dentri Classic) | |
| Reconstruction Time | Minimum 8s (Standard Recon, MAR off) | | | | 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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