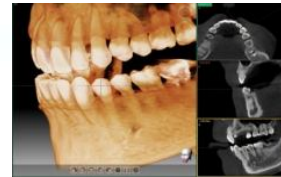Dental Pioneer

VATECH

VATECH Global

PaX-i3D Smart

THE PREMIUM CHOICE
FOR GENERAL PRACTITIONERS

Why SMART?

Real 3D SW
Ez3D-i

Low Dose: Best
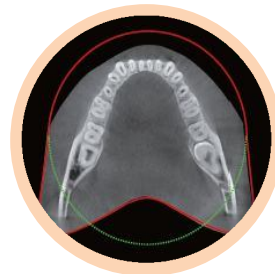Care for Patients

Specification
& Dimensions

Why SMART?

Home

WHY SMART?

1 Click, 2 Scan

Anatomical FOV, 12x9
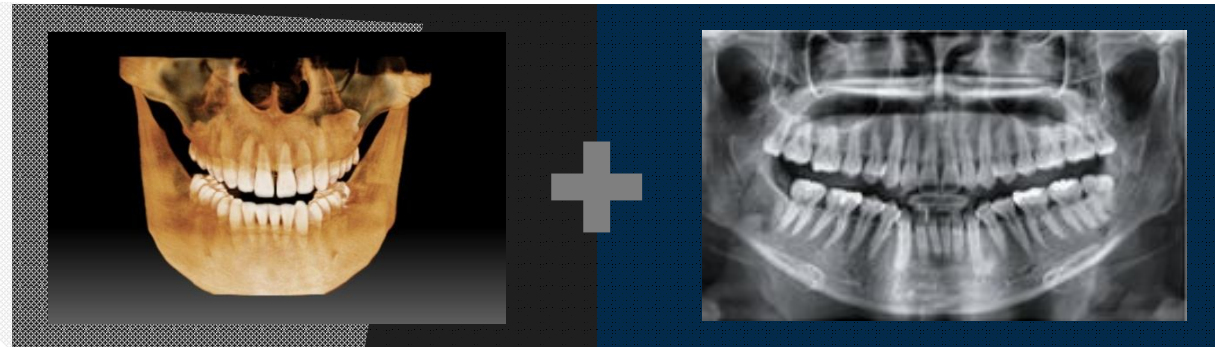

High Image Quality

Home
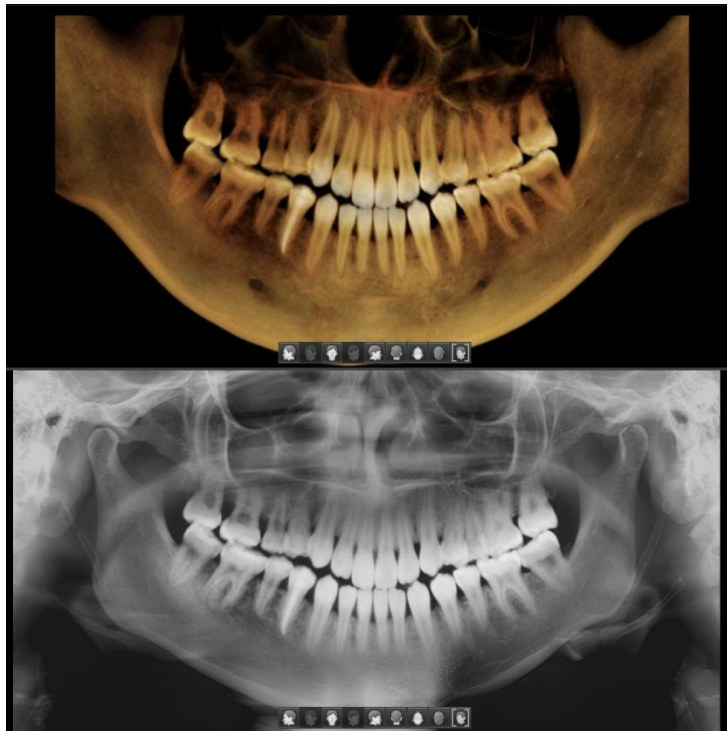
WHY SMART? 1 Click, 2 Scan

Only Pano?

WHY SMART? 1 Click, 2 Scan

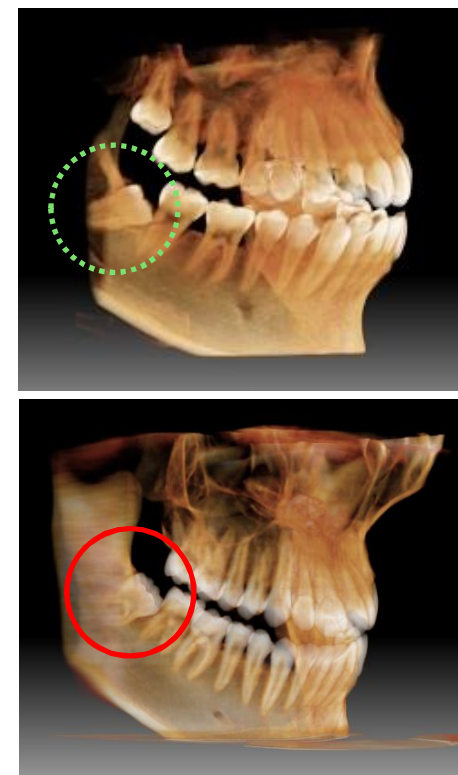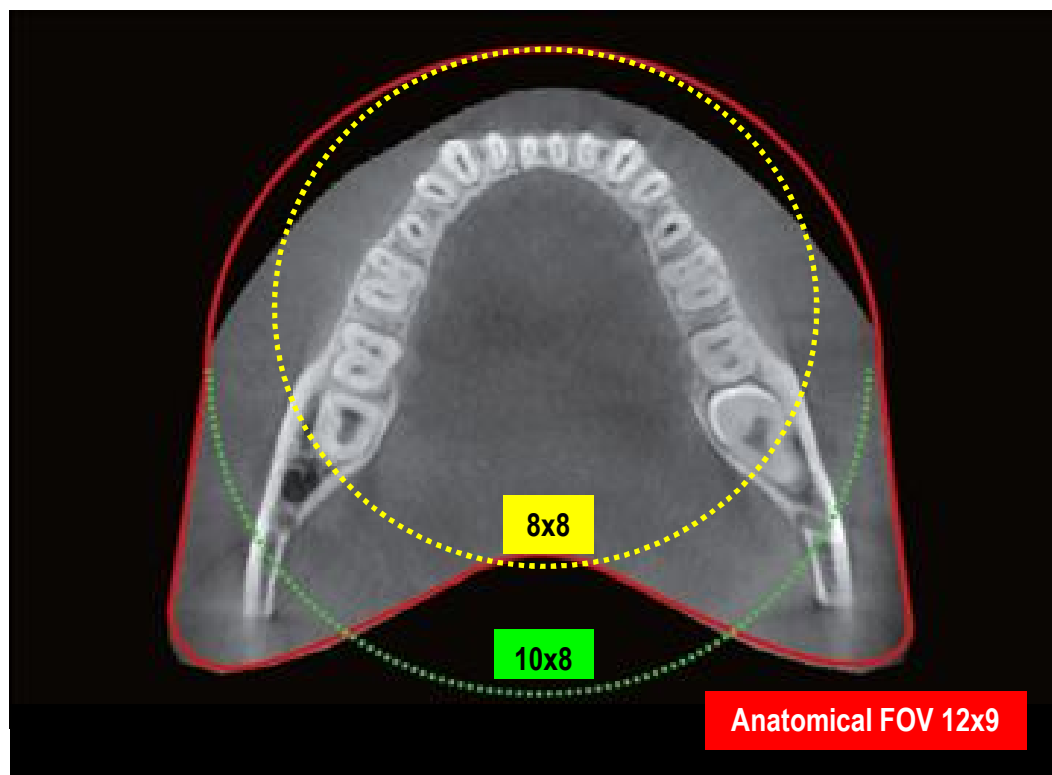

Why don't you have both images
with JUST 1 CLICK!

Home

WHY SMART? 1 Click, 2 Scan

✓ **Fast** Workflow
✓ **Easy** consultation

✓ **Low dose** for patients
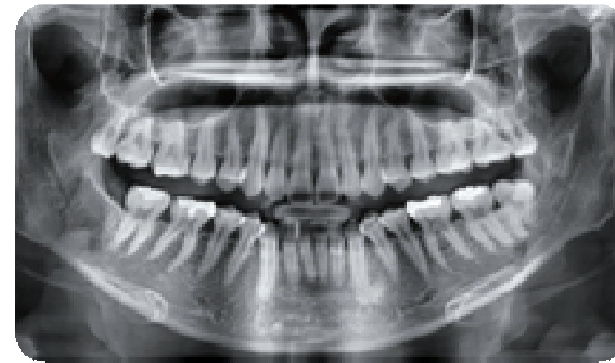✓ **Save time** for diagnosis

Get All Benefits with 1 Click!

Home
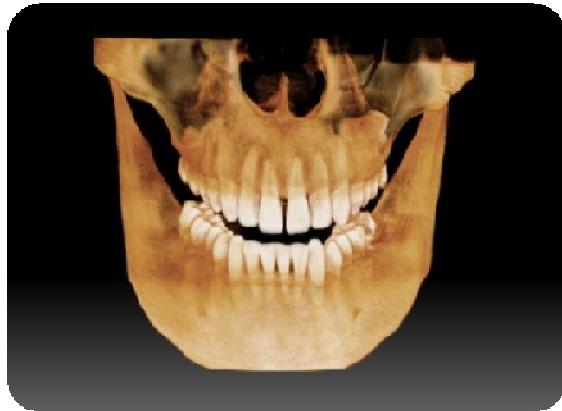
WHY SMART? Anatomical FOV, 12x9

8x8

10x8

Anatomical FOV 12x9

IDEAL FOV for Dental Clinic

Home

WHY SMART?
High Image Quality

✓ SMART MAR Technology
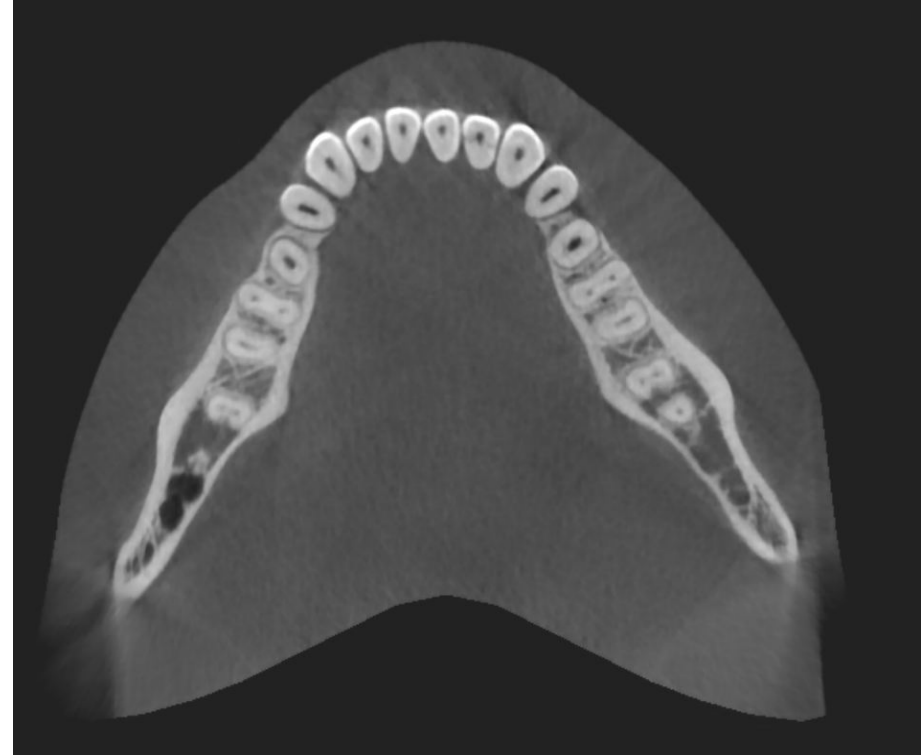✓ Interactive Reconstruction
✓ Magic Pan

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WHY SMART?
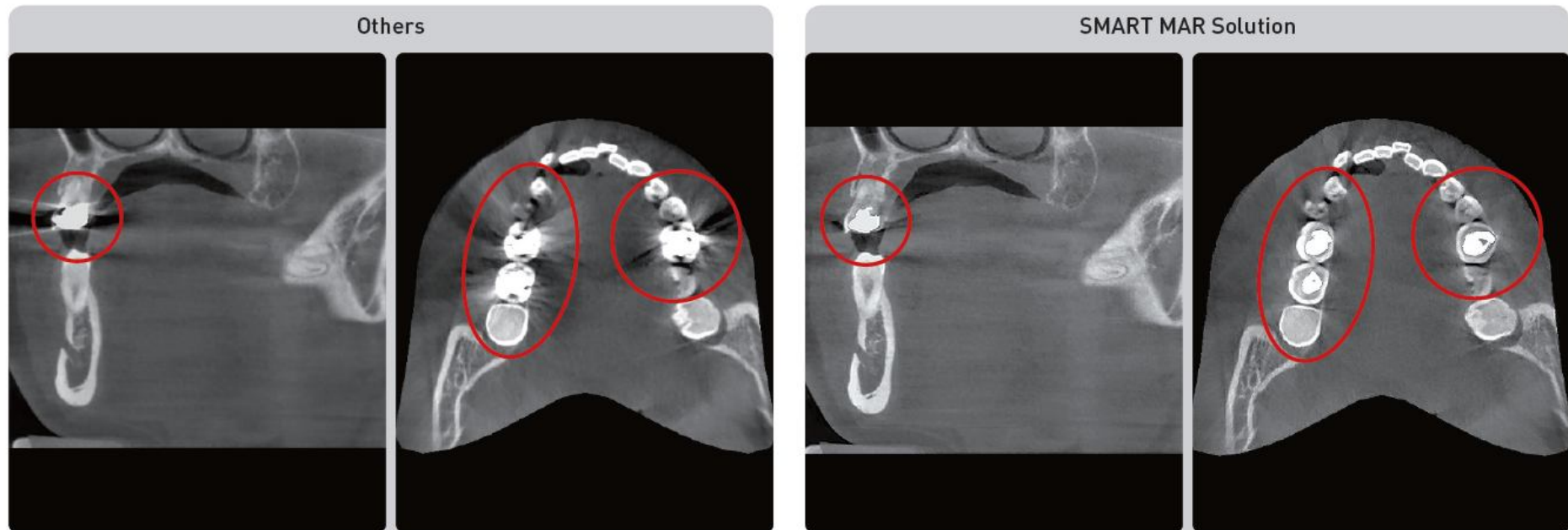## High Image Quality ①

Sagittal View
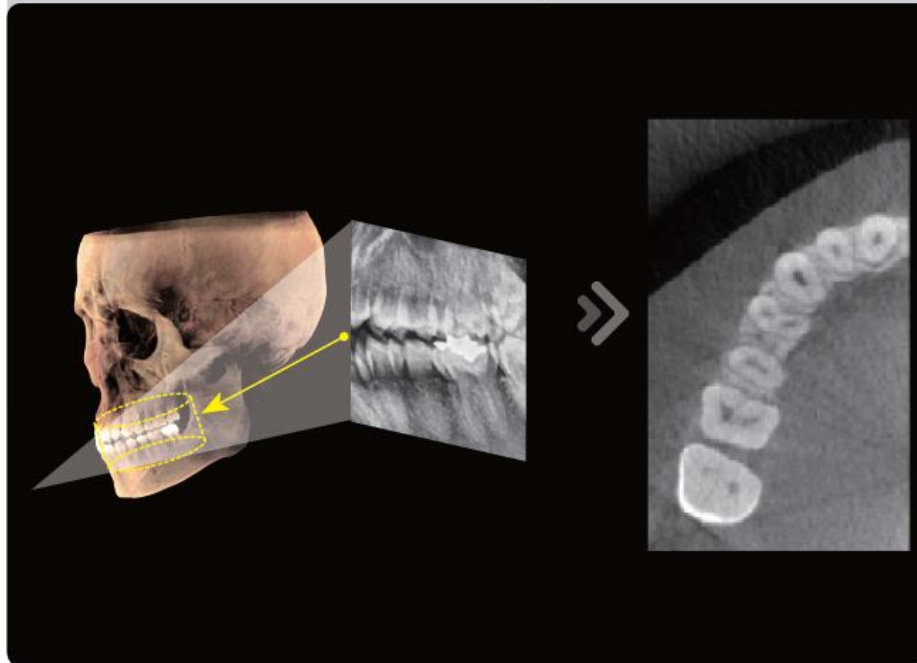
Axial View

Home

3D Image Quality Innovation;
SMART MAR

Reduced metal artifacts ensure
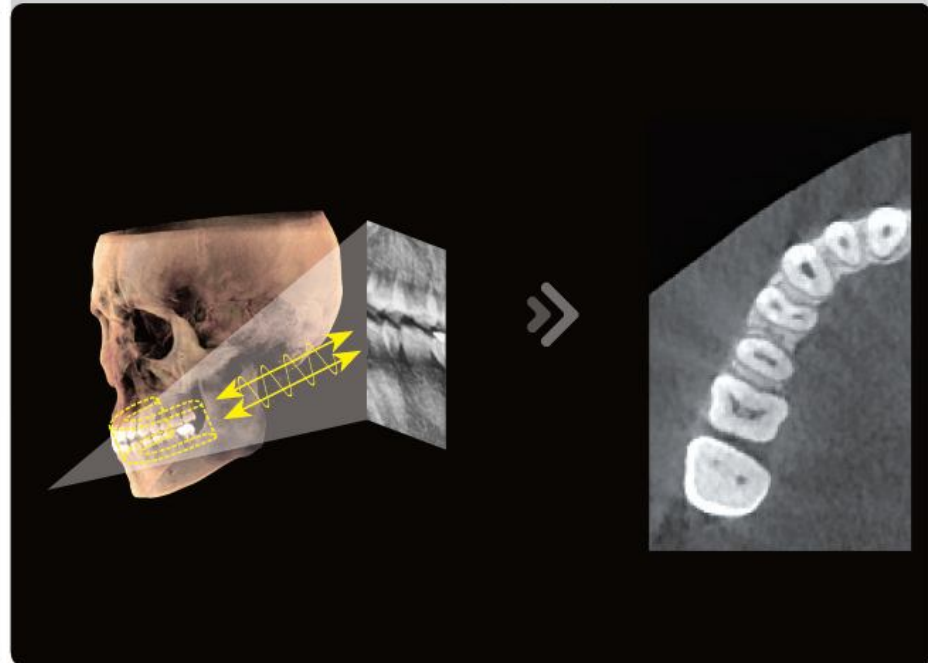accurate diagnosis for region of interest.

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3D Image Quality Innovation;
Interactive Reconstruction

Normal (Filtered Back) Image Reconstruction
| One-Time Reconstruction Method |

SMART Image Reconstruction
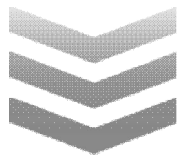| Interactive Reconstruction Method |

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WHY SMART?
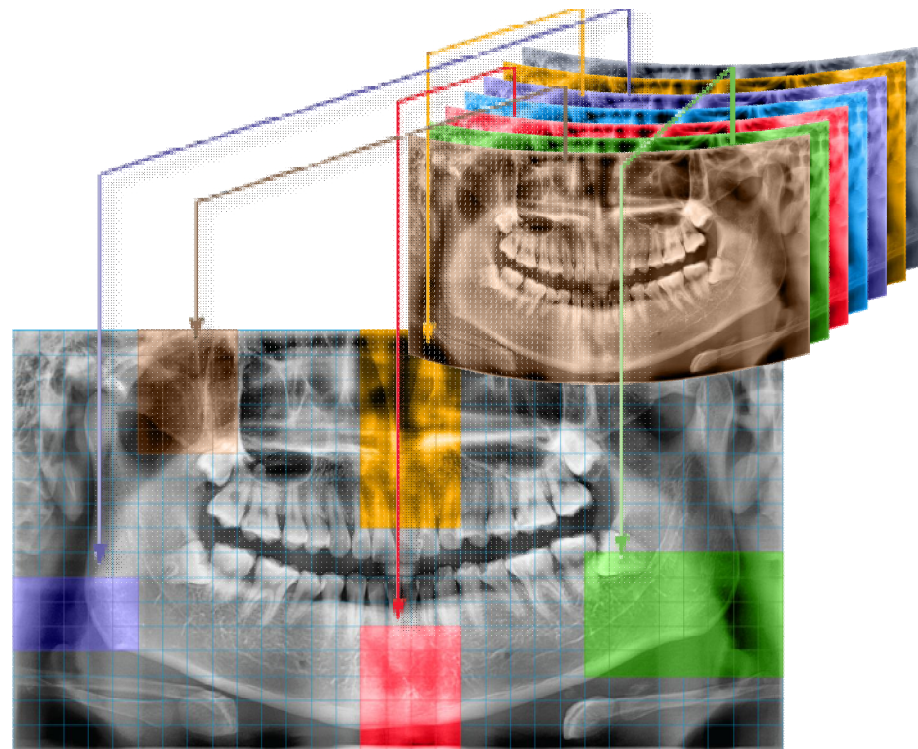## High Image Quality ②

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3D Image Quality Innovation;
Magic PAN

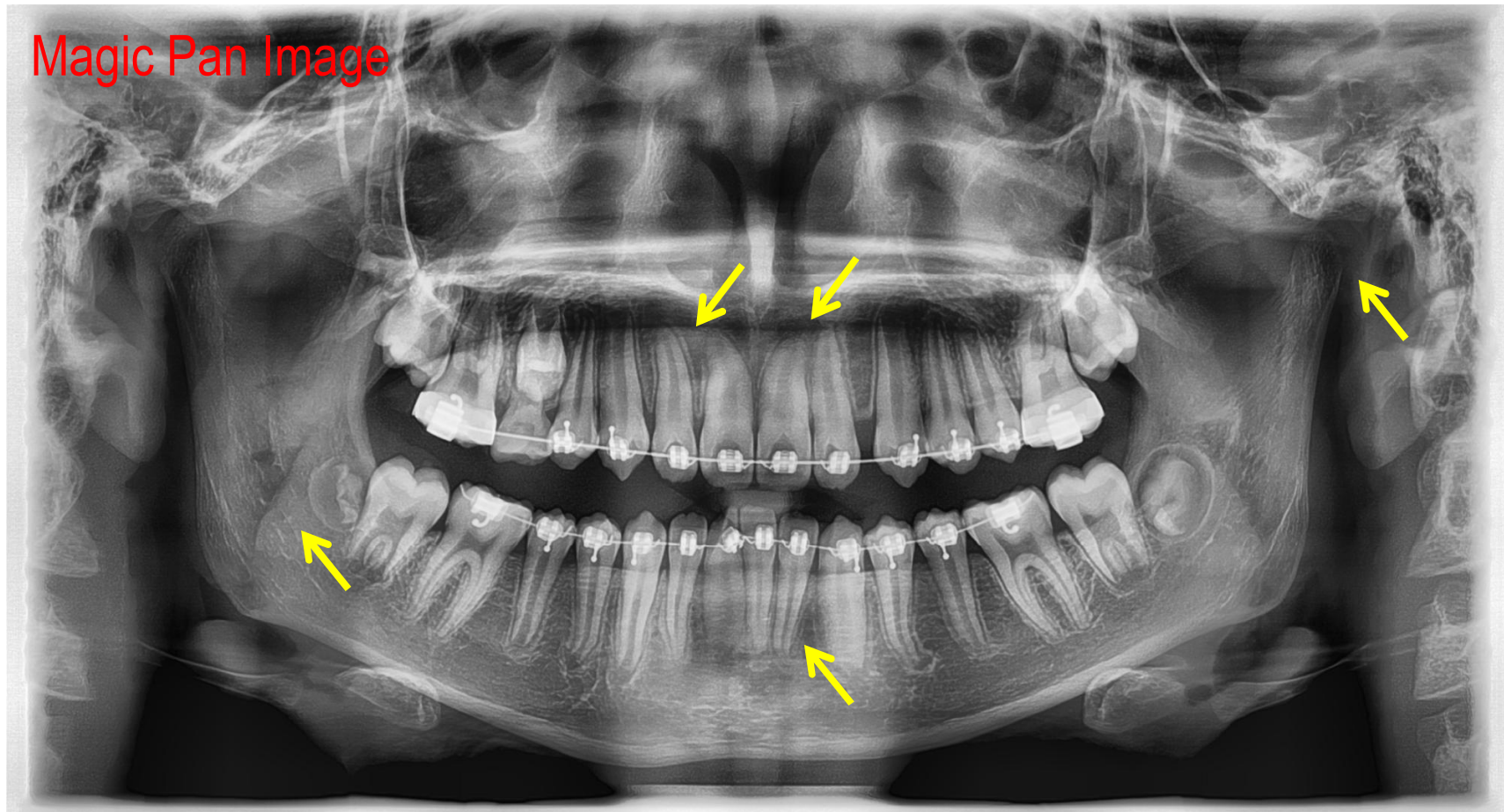**21** multi layers in one-capture
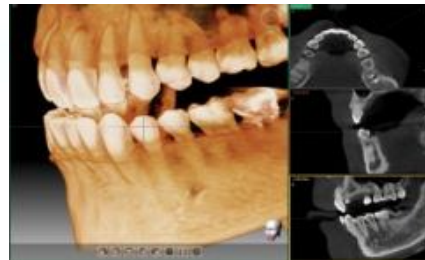
Minimize
Blurry Incisor
& Malpositioning

Home

Can you see the difference?

Magic Pan Image

Home

Real 3D SW
Ez3D-i

Home

Real 3D Software Ez3D-i
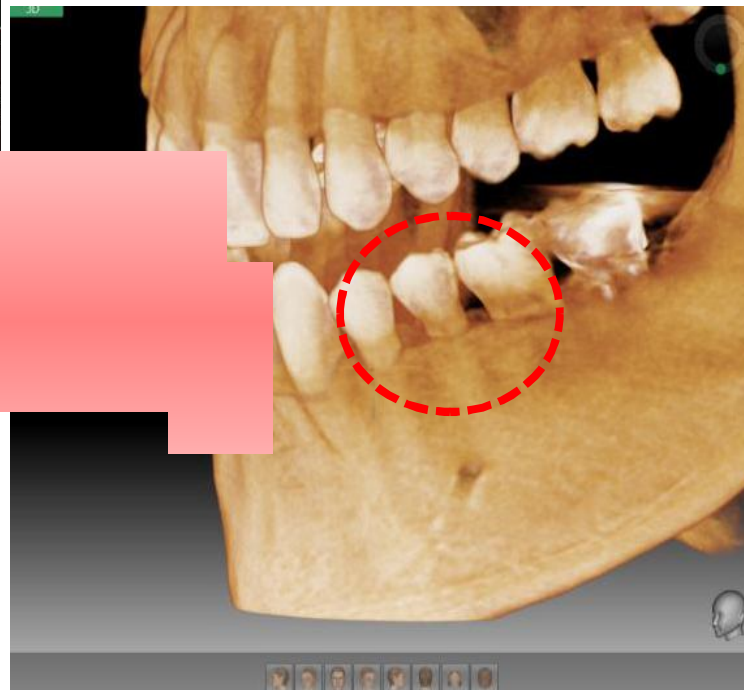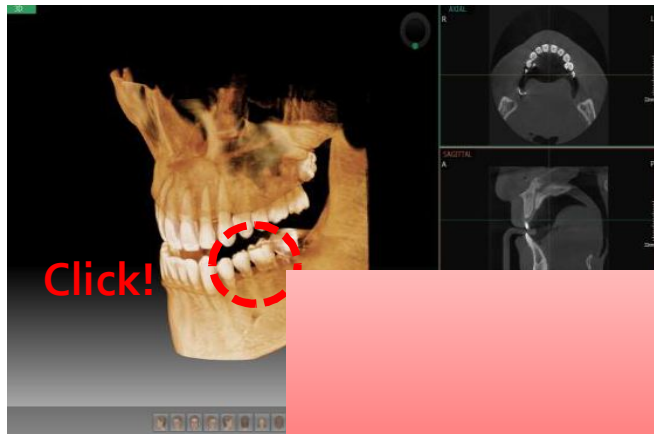
Automatically changed.

Click!

One-Click Diagnosis

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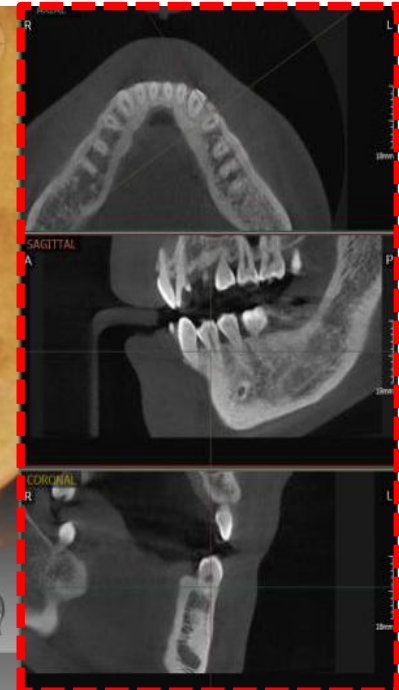
Real 3D Software Ez3D-i

Step 1

Step 2
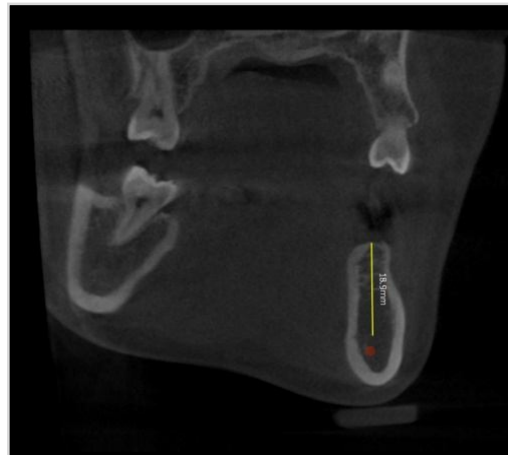
Step 3

FAST Implant Simulation
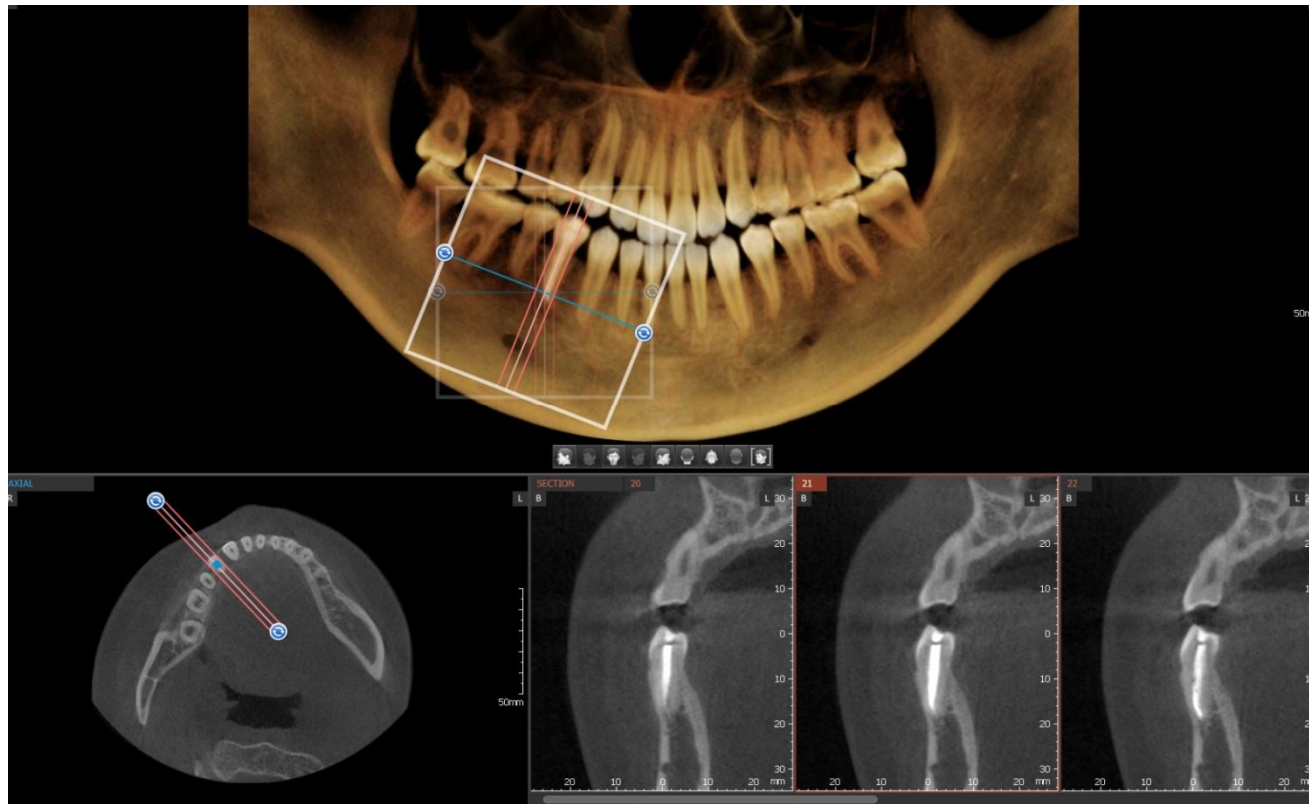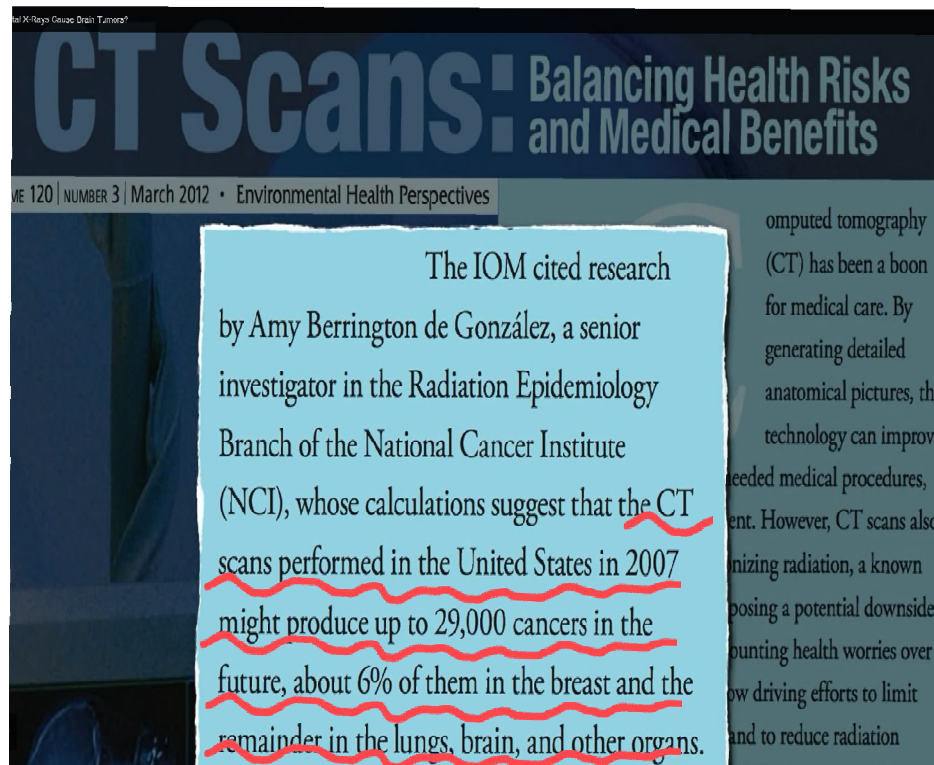
Home
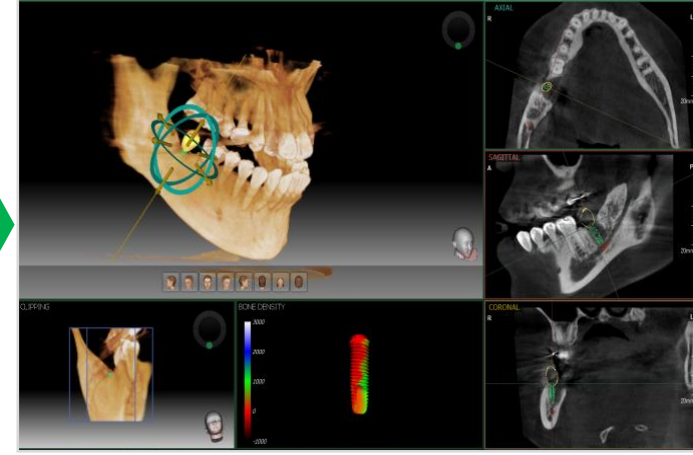
Real 3D Software Ez3D-i

Auto Cross Sections by One Click

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Low Dose: Best Care for Patients

Home

Low Dose Ensures our Safety

"Dental CT scans might produce up to 29,000 cancers in the future."

-Are Dental X-Rays Safe?
-By Dr. Michael Greger, Sep. 2013.

"Low Dose will be not an option, but **a must** to protect you and your patient's safety after all."

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Low Dose Ensures our Future

Age Group (Years)	Multiplication Factor for Risk
<10	**X 3**
10-20	X 2
20-30	X 1.5
30-50	X 0.5
50-80	X 0.3
80+	Negligible Risk

Source: Radiation Protection N· 172 / By European Commission

Perfect 3D Imaging System for Pediatric Diagnosis

Home

Two Options for Ceph Solution

Scan Type

(Unit: cm)

Lateral
(21 x 23)

Full Lateral
(27 x 23)

One Shot Type

Small
(20 x 20)

Medium
(23 x 25)

Large
(30 x 25)

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Specifications

Function	CT(with Auto Pano) + Pano + Ceph	
Focal Spot	0.5mm	
CT FOV Size	Adult	10 x 8.5cm
	Child	10 x 7cm
Voxel Size	0.2mm / 0.3mm	
Scan Time (sec.)	CT	18sec
	Pano	13.5sec / 7sec (Option with Magic PAN)
	Ceph	Scan : 12.9sec / 8.1sec One-Shot : 0.9sec
Gray Scale	14bit	
Tube Voltage / Current	50~99kV / 4~16mA	

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Dimensions [Unit: mm(inches)]
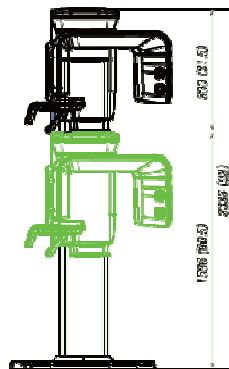
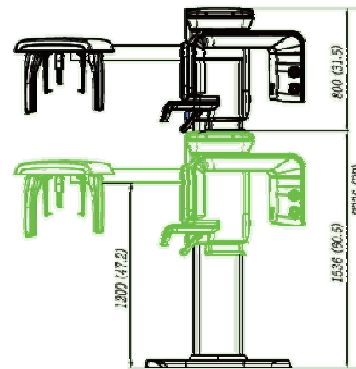**TOP VIEW**
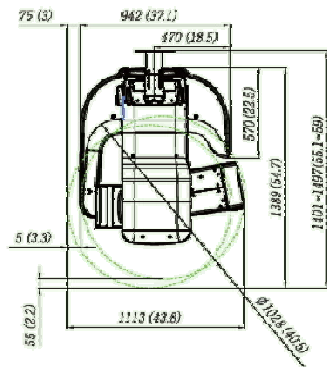
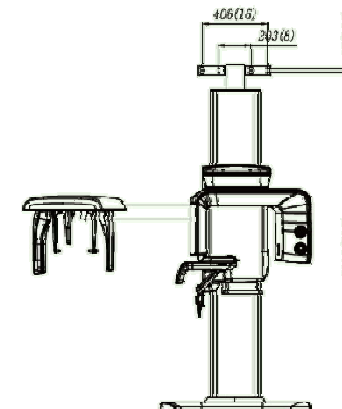**TOP VIEW**
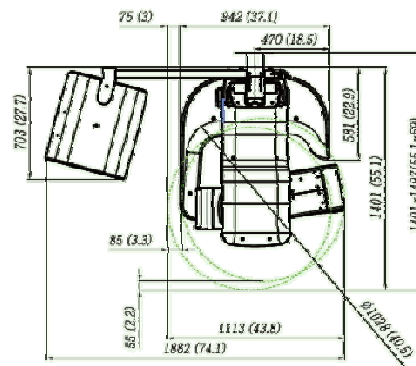
SIDE VIEW
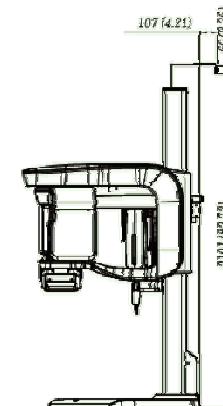
FRONT VIEW

FRONT VIEW

FRONT VIEW

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WHY SMART?

1. 1 Click, 2 Scan
2. Anatomical FOV, 12x9
3. High Image Quality

Real 3D Software Ez3D-i

1. One Click Diagnosis
2. Fast Implant Simulation
3. Auto Cross Section

Low Dose

1. CBCT & Pano with Least Dose
2. Less Dose for Pediatric Diagnosis

Home