

The background features a light gray gradient with several realistic water droplets of various sizes scattered across the surface. A faint, circular rainbow watermark is centered in the upper half of the image.

DENTIUM RAINBOW SOFTWARE

ZAINAB H AL-GHURABI

RASHA JAMEEL





Panorama



Cephalo



CT



Standard



Camera

rainbowCamera

Pano

CT

Ceph

Panoramic Mode

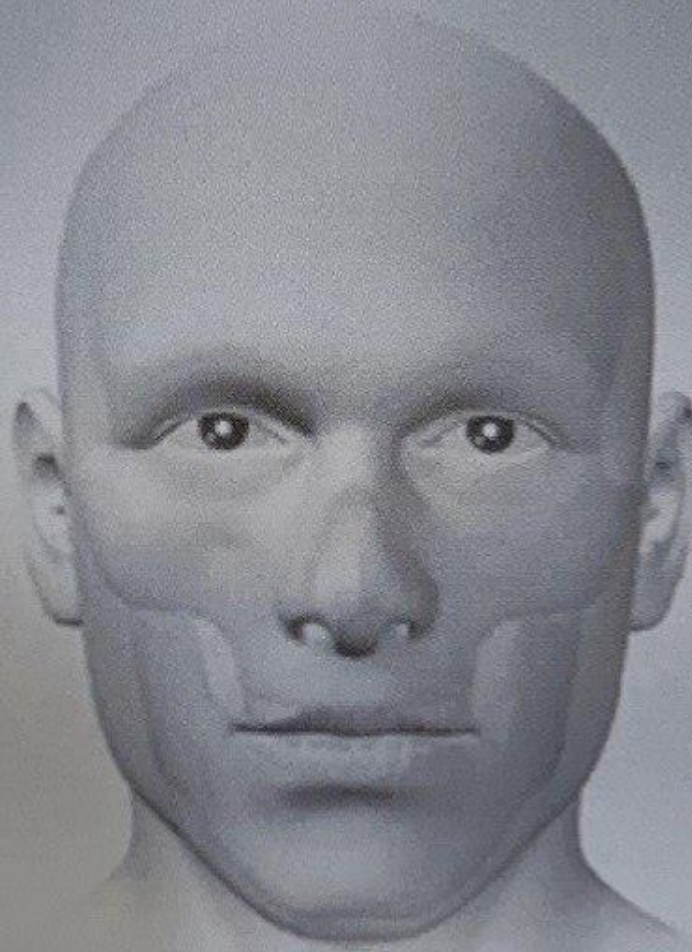
STANDARD SMILE FROWN

FULL HALF 3/4

Arch

U V W

Message
Panoramic 촬영을 시작합니다.



Jason Lee
ID: 123456
Last Shoot Date: 2014-08-29

MALE 37
SEX AGE

PATIENT TYPE

ADULT PREGNANT CHILD

SCHEMATIC TYPE

THIN NORMAL FAT

VOLTAGE & CURRENT

80 7.0
kVp mA

Voltage: 80kVp Scan Time: 17sec
Current: 7.0mA Radiation Dose: 10rad

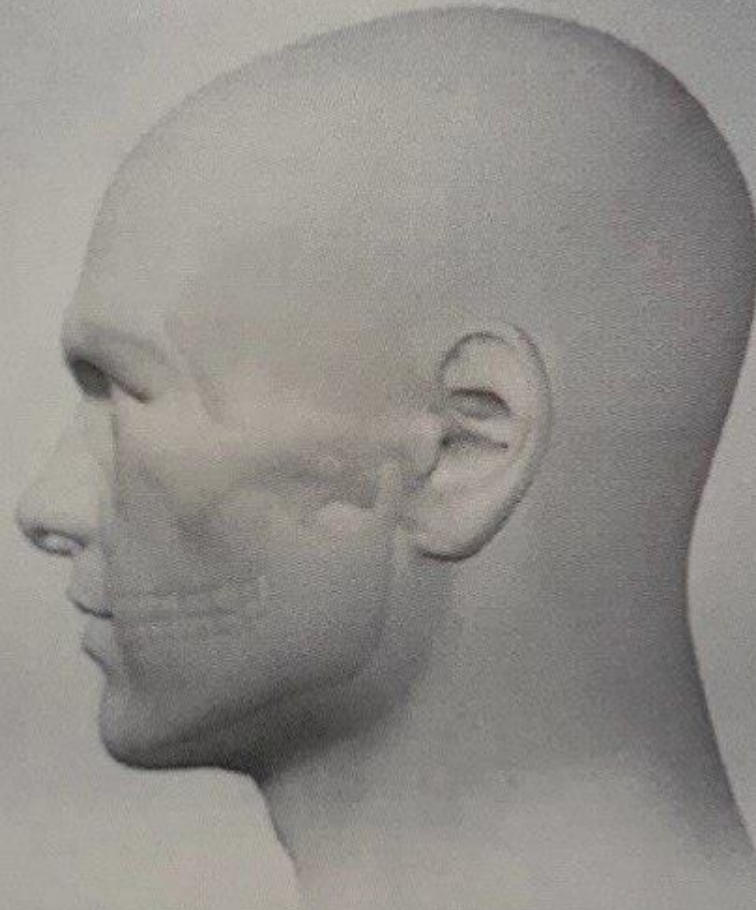
CONFIRM

Pano

CT

Ceph

Cephalometric Mode



Jason Lee

ID : 123456

Last Visit Date : 20140829

MALE

SEX

37

AGE

PATIENT TYPE



MALE



FEMALE



CHILD

SOMATO TYPE



THIN



NORMAL



FAT

VOLTAGE & CURRENT

80

kVp

7.0

mA

Voltage : 80kVp

Current : 7.0mA

Scan time : 17sec

Radiation Dose : 30mrad

Message

Ceph 촬영을 시작합니다.

CONFIRM



Marcilan.com

Pano

CT

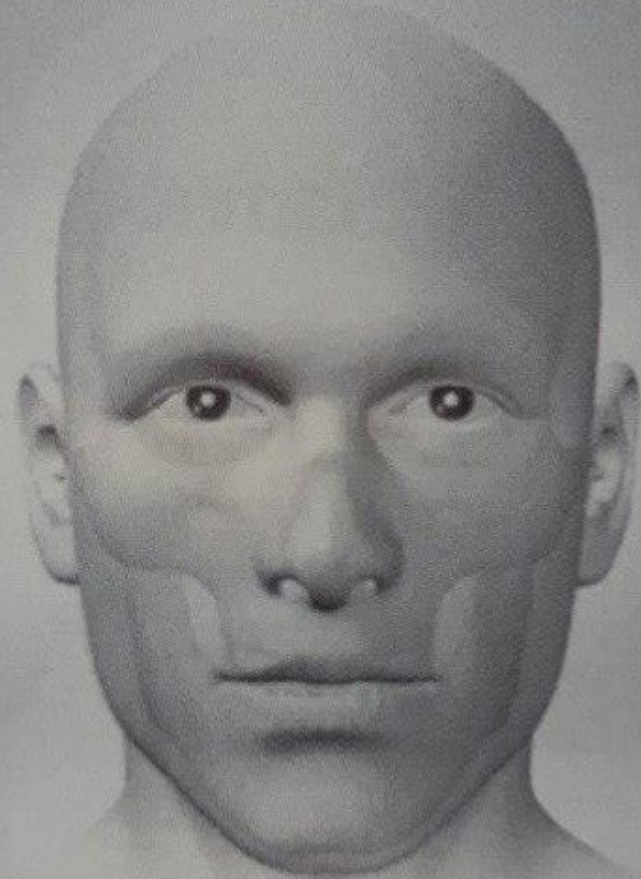
Ceph

CT Mode

LOCAL NORMAL SWITCHING

Scan Mode

FAST STANDARD HIGH RESOLUTION



Jason Lee

ID: 029458
Last Shoot Date: 2014/06/29

MALE
SEX

37
AGE

PATIENT TYPE

MALE FEMALE CHILD

SCHEMATIC TYPE

TWIN NORMAL FAT

VOLTAGE & CURRENT

80 kVp 7.0 mA

Voltage: 80kVp Scan Time: 1.7min
Current: 7.0mA Radiation Dose: 58rad

Message
CT 촬영을 시작합니다.

CONFIRM

CT Mode



LOCAL



NORMAL



STITCHING

FOV 5X5

FOV 16X10

FOV 16X18

Scan Mode



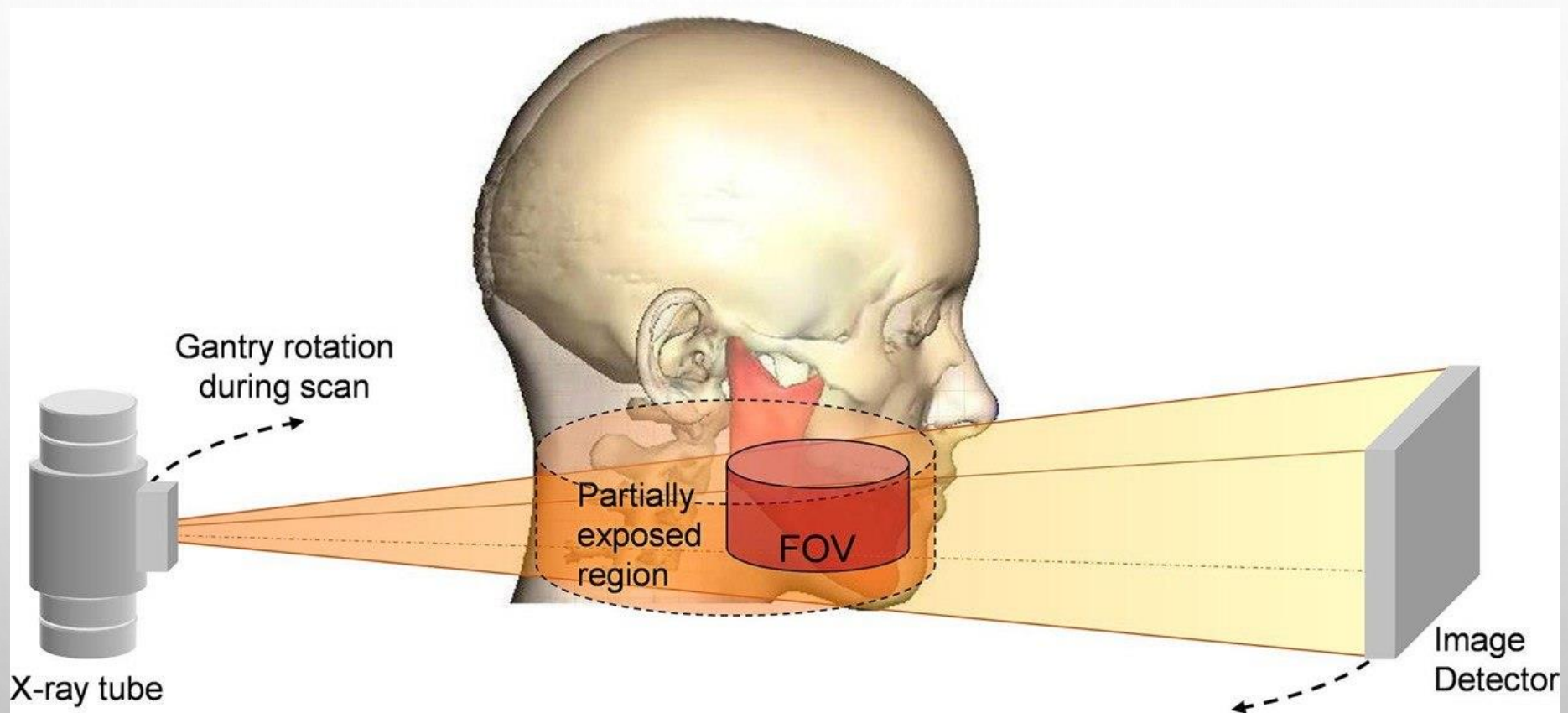
FAST

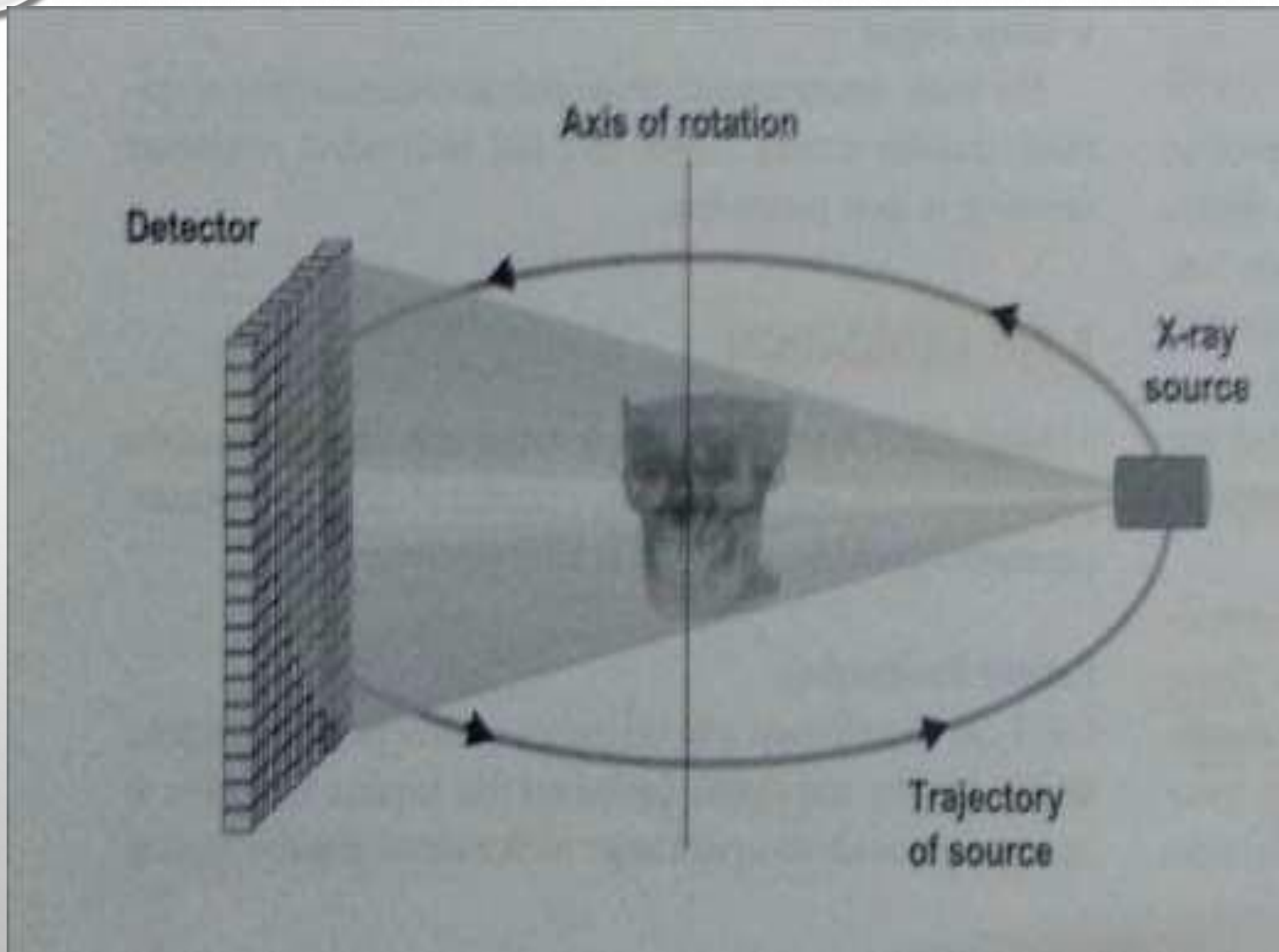


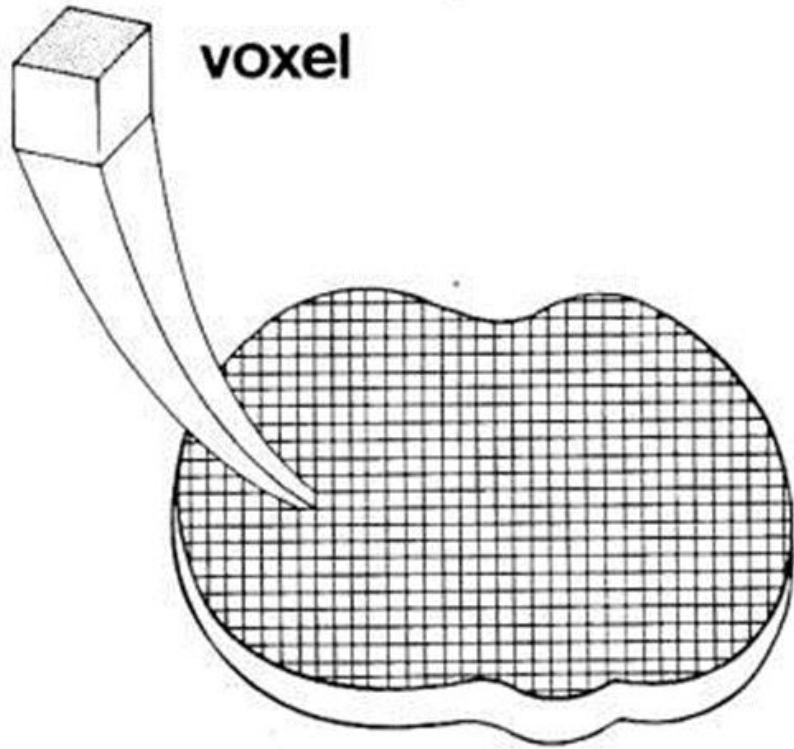
STANDARD



HIGH
RESOLUTION

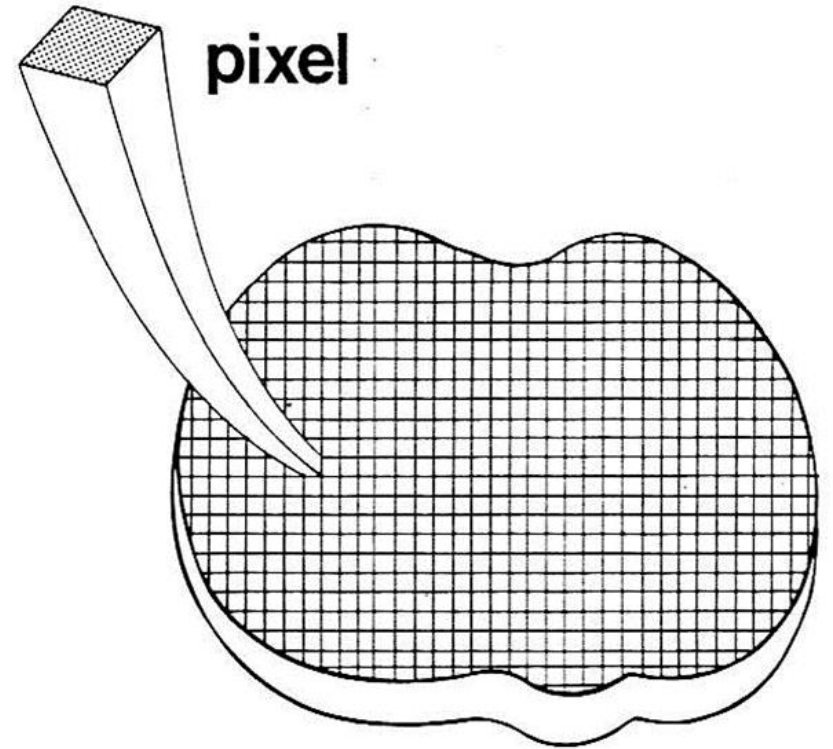






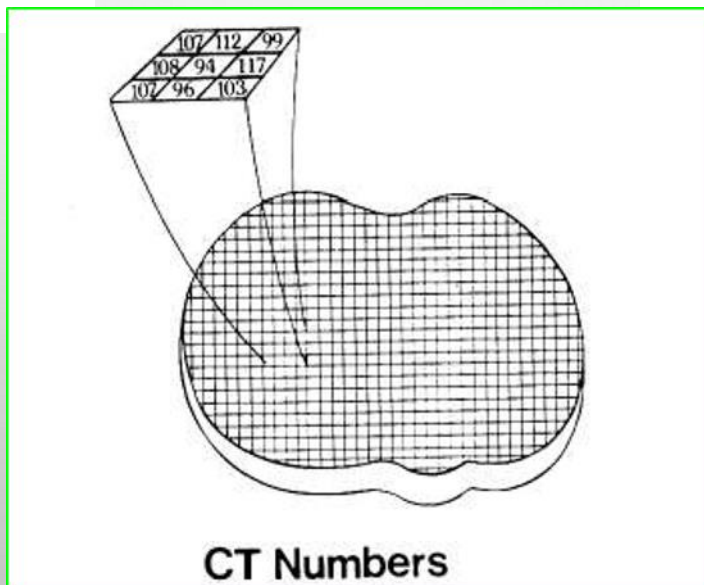
voxel

Matrix



pixel

Matrix

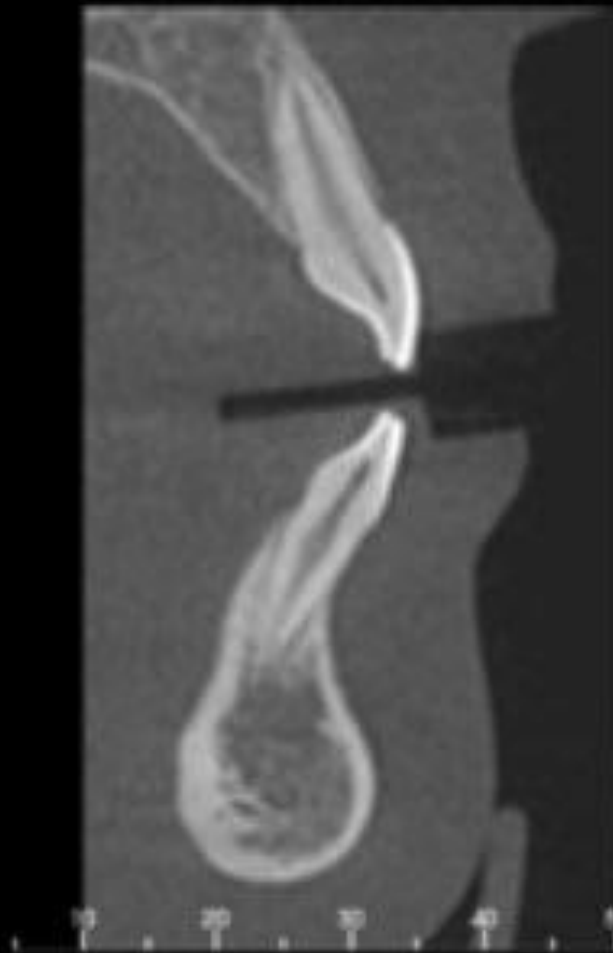


CT Numbers





Voxel size 0.2 mm



Voxel size 0.3 mm



Voxel size 0.4 mm

The small field of view units may use a small voxel size of 0.076 mm, which enables visualization of very small changes to structures.

Other voxel sizes available for CBCT units are variable, such as 0.2 mm, 0.3 mm, and 0.4 mm.

It is important to note that the larger the voxel size, the less resolution the image will have and less capability to differentiate between small structures

*In our device Dentium CBCT the
voxel size is ~ 100 micrometer which
equal 0.1 mm*

■ CT FOV

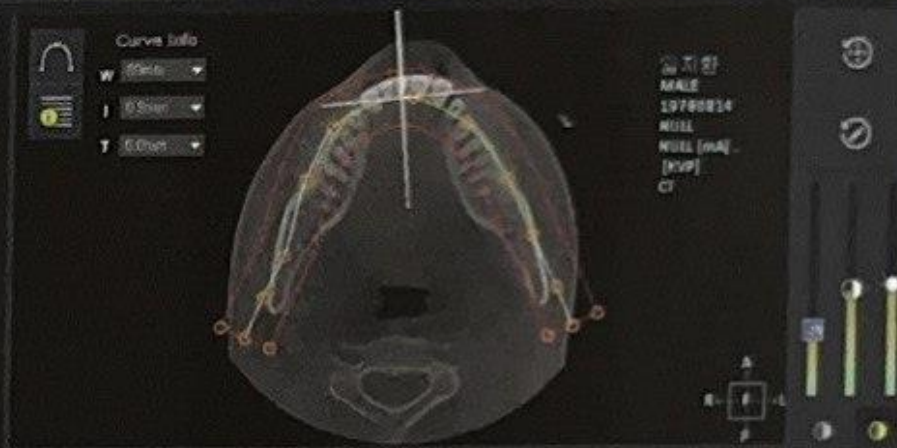
ITEM	LOCAL	NORMAL	STITCHING
FOV SIZE (Cm)	5 x 5	16 x 10	16 x 18

- Standard scan mode is set to Normal mode

■ NORMAL MODE

ITEM	FAST	STANDARD	HIGH RESOLUTION
VOXEL SIZE (μm)	300	300	200

- Scan mode is set to standard. Select Fast or High Resolution mode according to the purpose of use
(FAST: low resolution, STANDARD: Normal Resolution, HIGH: High Resolution)



Curve Info
W: [Dropdown]
I: [Dropdown]
T: [Dropdown]

MALE
19780814
NULL [mm]
[KVP]
CI



Series Info
[Dropdown]

Dentium



*Thank
you*