

Bill No : 2210495202

Received: 08/10/2022 09:42 PM

Print : 10/10/2022 06:08 PM

Name : Tasrika Afrin

Age: 37Yrs

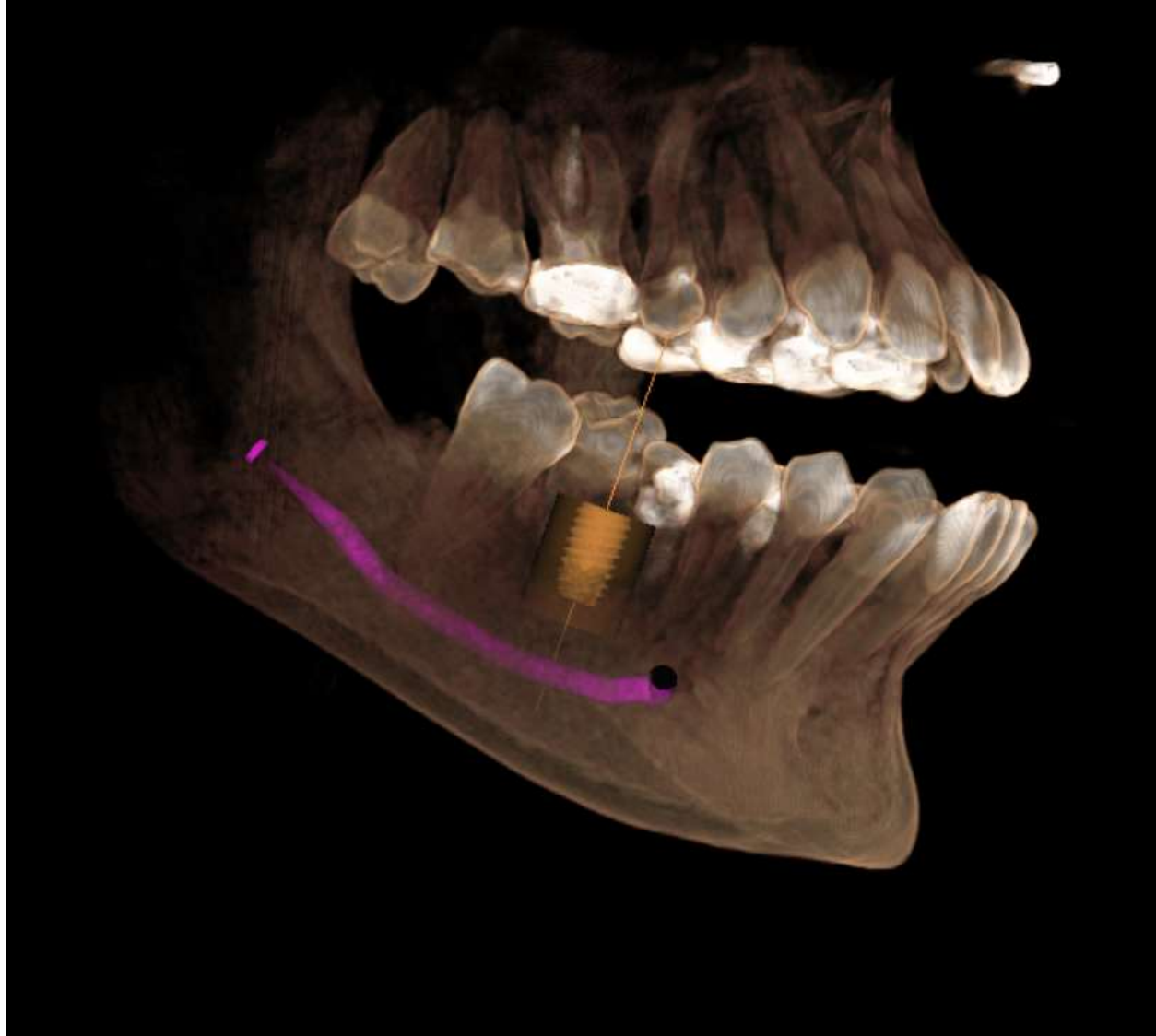
Gender: Female

Refd. By : Dr. Sarwer Jamal Biplob (BDS, MCPS)

Test : CBCT (Cone Beam CT Scan)

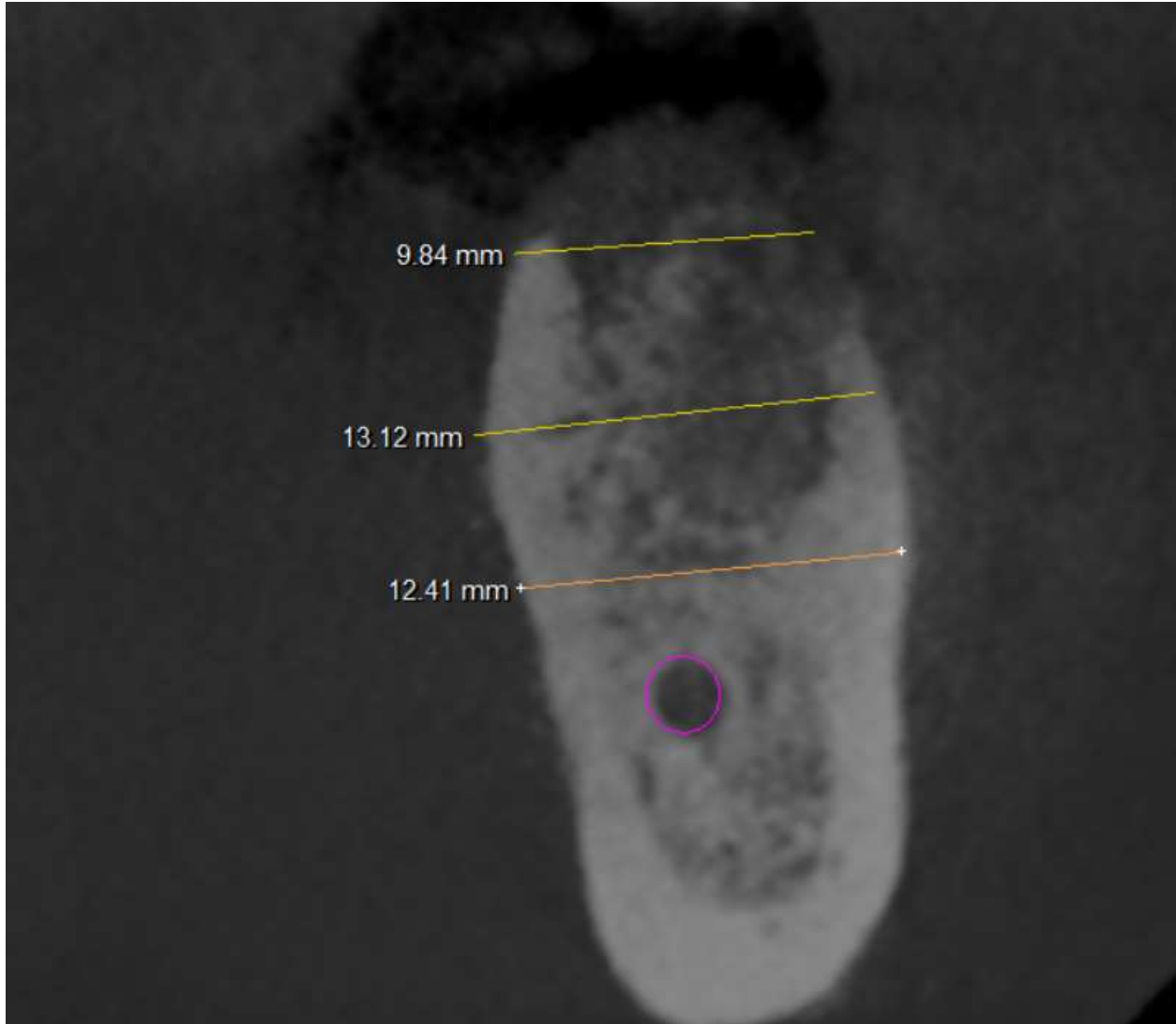
R.N : D1757

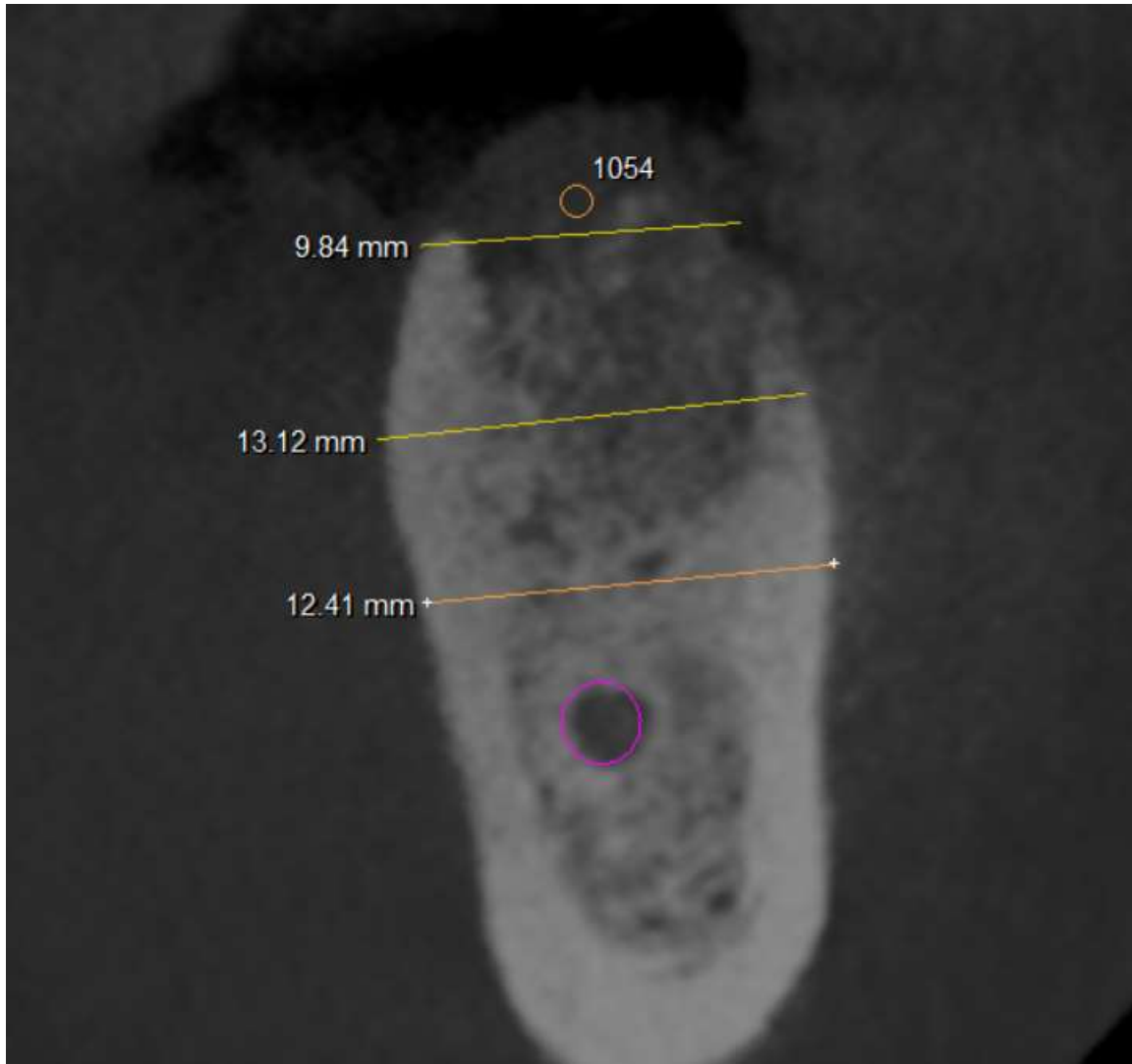
CBCT Scan of Lower Right Quadrant

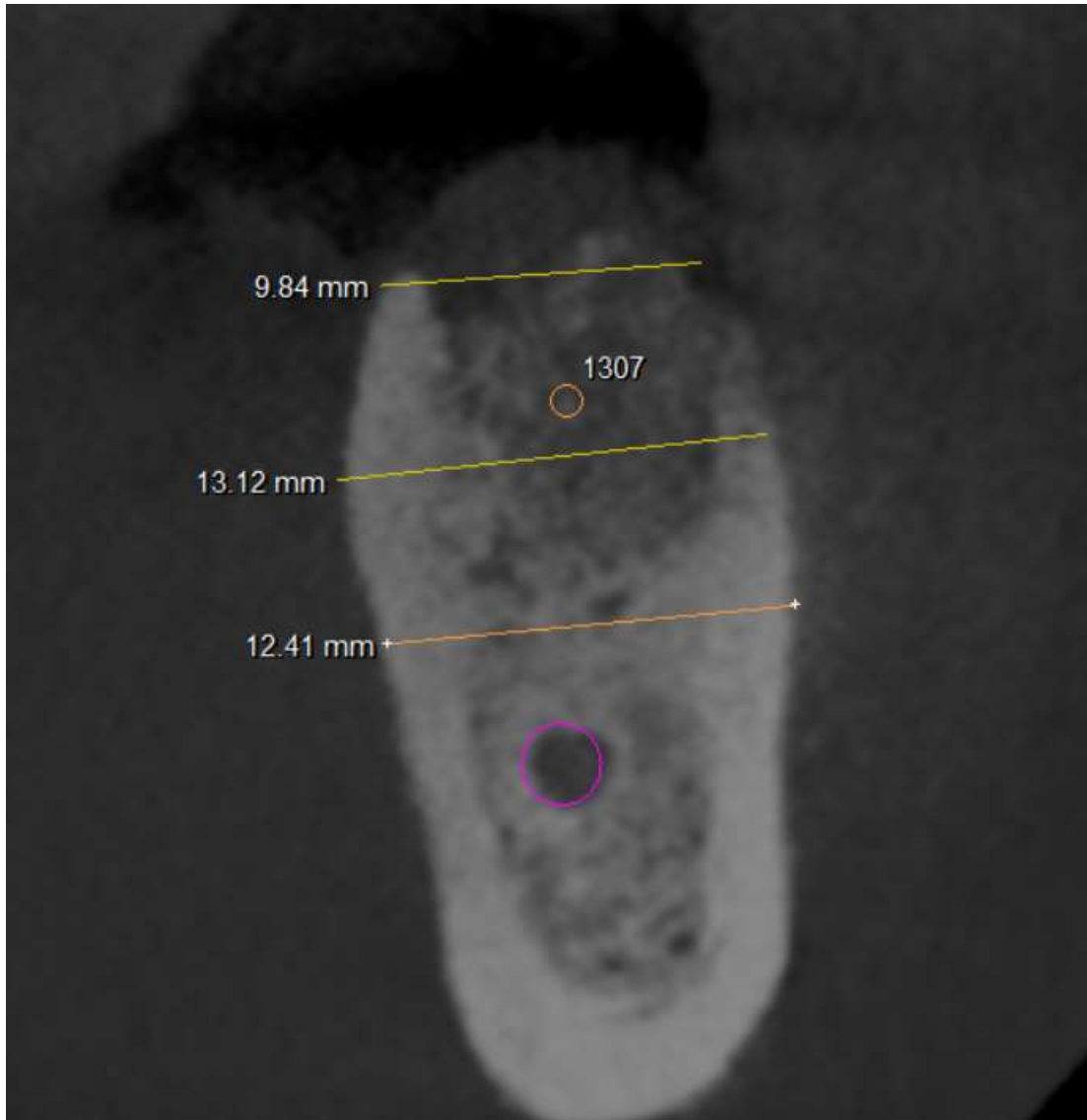


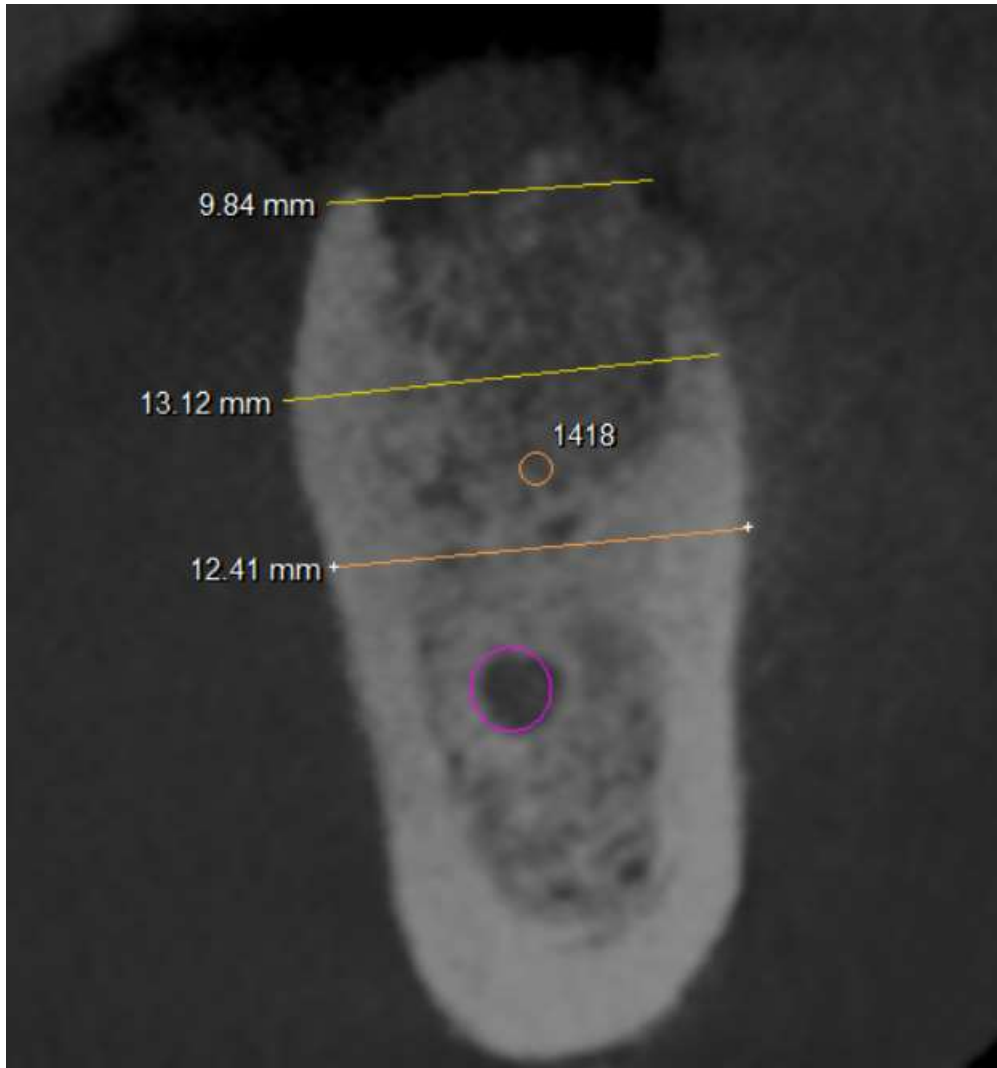


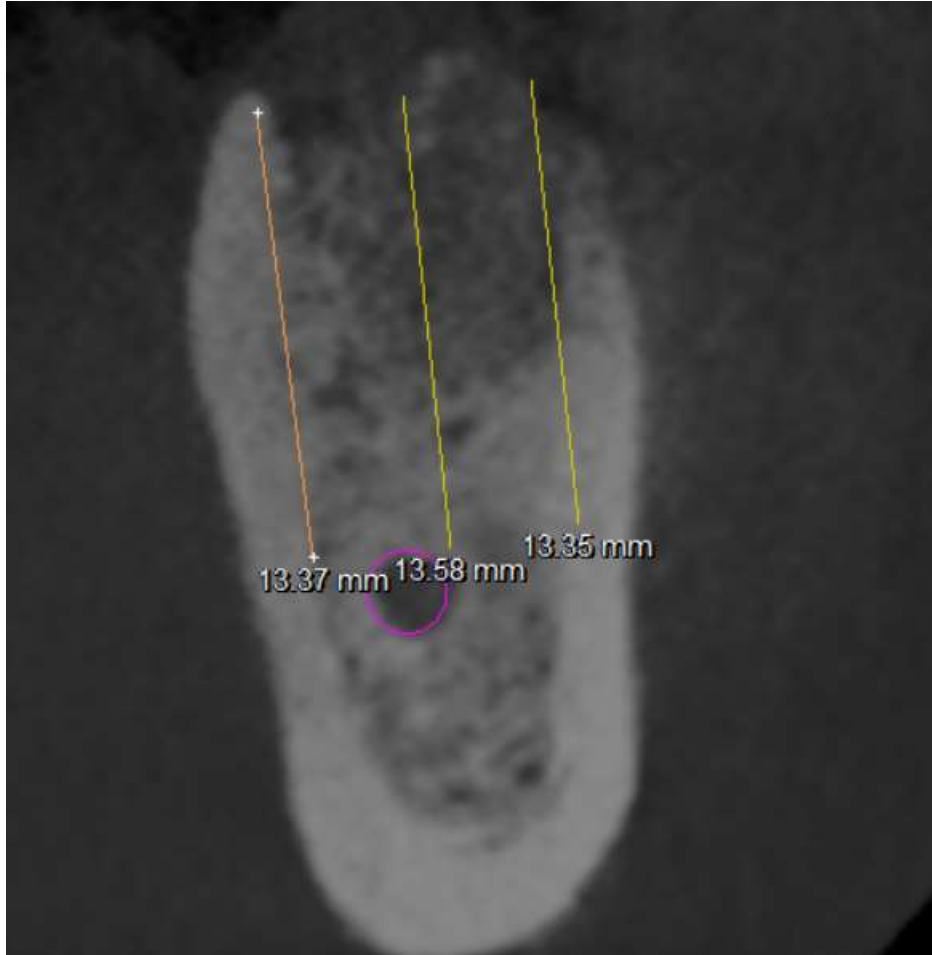


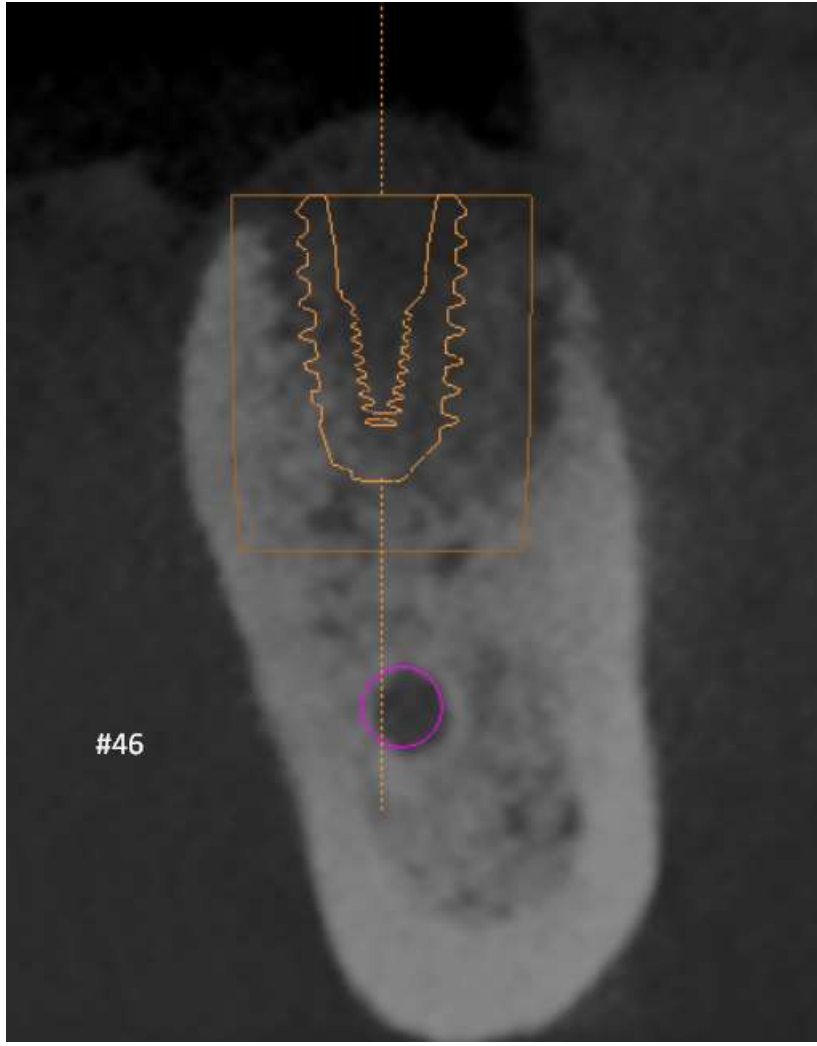




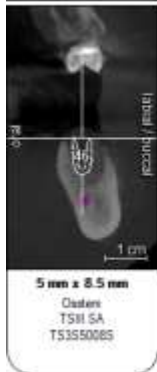
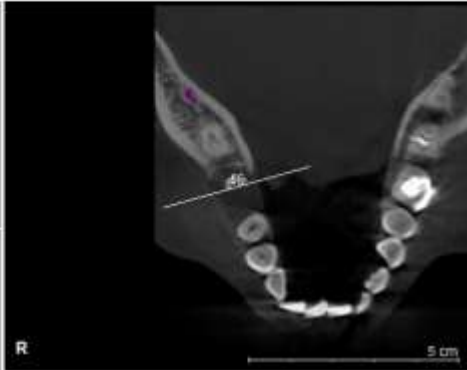
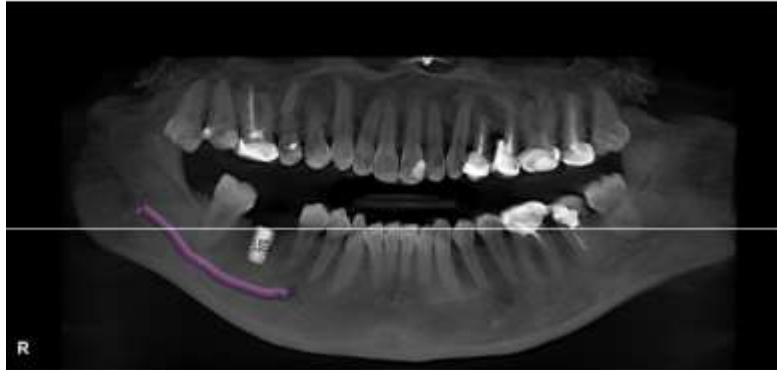


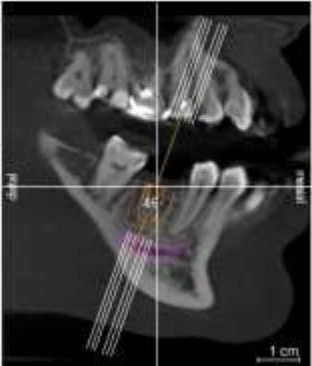
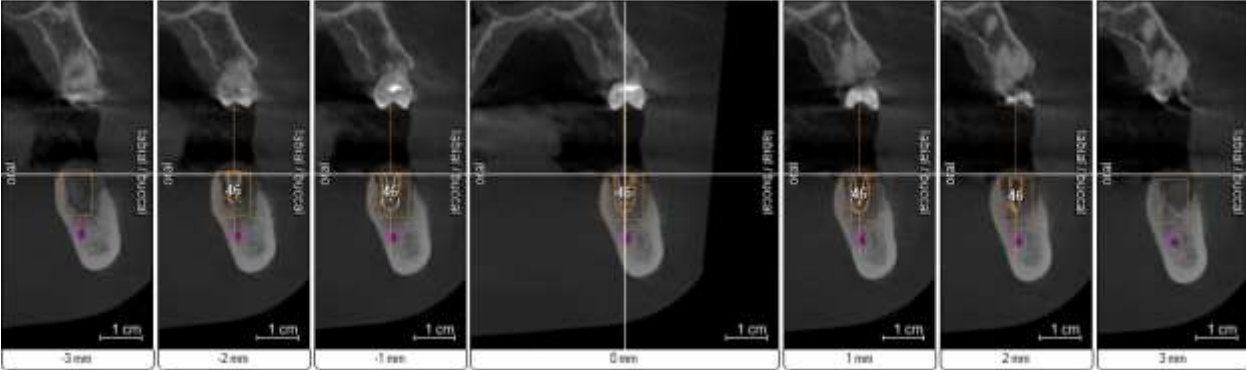






 a  company GALILEOS Implant V 1.9.5605.25519	Planning Report – Overview	
	Patient: 20221000026 - Tasnaka Akter-38 Yrs *1/1/1900	Plan: Plan 1 (Mandible)
	Scan: 10/8/2022 21:01	Tooth chart: FDI



		<h2>Planning Report – Implant 46</h2>	
		Patient: 20221000026 - Tasnaka Akter-38 Yrs *1/1/1900	Plan: Plan 1 (Mandible)
GALILEOS Implant V 1.9.5605.25619		Scan: 10/8/2022 21:01	Tooth chart: FDI
Implant 46 Occlusal diameter 5mm Apical diameter 5mm Length 8.5mm Manufacturer Custom Implant Implant line TSH SA Serial number TS2650065			
			
			
Printed: 10/10/2022 16:32		This report is intended for documentation only. For diagnosis and implant planning use GALAXIS/GALILEOS Implant.	
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CBCT Scan of Lower Right Quadrant

Clinical Indication

Pre-implant survey of the sites of teeth #46

CBCT Examination

Cone Beam CT images in the bone window. Axial, coronal and sagittal planes. FOV: 8cm

Image Quality

Optimal for diagnosis.

Findings

Pre-Implant Survey

Tooth no./Area no.	Vertical Bone Height/ Distance from IAN canal (Occlusal Apical) (mm)	Alveolar Bone Width (Buccal-lingual/Palatal) (mm)	Other Findings
#46	13.4-13.3	9.8-12.4	horizontal and vertical bone volume discrepancy.

Impression:

S.No.	Site	Type of bone	Bone Density
1	#46	A	Crestal 1/3 rd -D2 Middle 1/3 rd -D2 Apical 1/3 rd -D1

Implant design according to the bone height and width

S.No.	Site	Length of Implant (mm)	Width of Implant (mm)	Amount of bone graft/sinus lift/ bone expansion
1	#46	8.5	5.0	N/A

Bone Type: Chanavaz and Donazzan French volumetric classification.

A= bone height- 9mm; bone width- 5 mm

B= bone height- 9mm; bone width- 3 mm (partially resorbed alveolar bone)

C= Inadequate bone (completely resorbed alveolar bone but intact basal bone)

D= Atrophy of bone (completely resorbed alveolar bone and basal bone)

Bone Category: Lekholm, Zarb & Albrektsson classification.

D1 = 1250 HU

D2= 850-1250 HU

D3= 350- 850 HU

D4= 150-350 HU

D5 =150 HU

Implant site type or category is only indicative as topography of some sites may not match the type or category description of a classification.

Image provided:

Reconstructed panoramic and 3D for gross view.

AI-generated implant report by Galileo's software

Axial, coronal and sagittal images.

Note:

- 1.This report is generated by Oral and Maxillofacial Radiologist and is intended for qualified dental professionals only.
- 2.The above findings are based on radiological assessment only. Interpretation of images may vary in the light of clinical data. Correlation with clinical,
- 3.histopathological findings and further verification of data with provided software is strongly recommended.
- 4.It may be noted that CBCT is suboptimal for evaluation of soft tissues and bone density values.

DISCLAIMER:

The radiographic findings must be correlated with clinical findings and appropriate diagnostic tests. This is a consultative report only and is not intended to be a definitive diagnosis or treatment plan. Above report cannot be used for medico-legal purpose.

Thank you for the referral of this patient and the opportunity to serve your practice

Dr Mahmud Mohammed (Fahim)

BDS (DU) MSc. Dent (Maxillofacial Radiology)

Consultant Maxillofacial Radiologist (ODC Imaging)

Assistant Professor

Delta Medical College- Dental Unit