

**Patients Name:** Mr. Alpesh Patel **Date** 7/5/2016  
**Ref. Doctor** Dr. Vastavikta- Dentzz **Gender:** male  
**Imaging Center** SCANDENT ANDHERI **Age:** 47 yrs  
**Clinical Impression** **Type of Scan:** CBCT  
**Field of view:** 17 X 11 CM

**Cone Beam Computed Tomography Report**

**Images Provided** 3D view Cross-section  
**Diagnostic objectives:** 1. Implant planned  
 2. Rule out pathology

**Reconstructed panoramic image :**

Teeth Seen		Missing teeth	
17,16,15,14,13,12,11	21,22,23,24,25	18	26,27,28
48,47, 45,44,43,42,41	31,32,33,34,35,36,37,38	46	-

Restorations w.r.t 36, 37.

**Radiographic Description**

**Cross-sections:** - 250 µ m thickness and 1 mm spacing. 1:1 sections

**Maxilla:**

Angular bone loss upto middle third root level with PDL widening w.r.t 14, 16.  
 Angular bone loss extending periapically with associated furcation involvement w.r.t 17. Associated thinning and possible focal perforation of the floor of the right maxillary sinus noted in 17 region.  
 Well defined ovoid periapical radiolucency w.r.t 21 with intermittently corticated borders. Blunting of the apex w.r.t 21 also noted.  
 Thickening of the mucosal lining of the maxillary sinuses bilaterally.

**Mandible:**

Angular bone loss extending periapically w.r.t 42.  
 Angular bone loss at the mesial aspect w.r.t 36.  
 Mesially inclined 47.  
 Generalized cervical abrasion.  
 Generalized horizontal interdental alveolar bone loss.  
 Lingual surface undercut w.r.t posterior mandibular body bilaterally.

**Maxilla**

Tooth no. Region (approx)	SITE NO.	Height in mm	Width in mm	
26	96	3.9	3.9	Height measured from the crest of alveolar bone to <u>floor of nasal cavity/ floor of maxillary sinus</u> Width measured bucco-palatally
27	104	3.8	3.5	

**Mandible**

<b>Tooth no. Region (approx)</b>	<b>SITE NO.</b>	<b>Height in mm</b>	<b>Width in mm</b>	
46	34	14.5	2.5/4.9	<i>Height measured from the crest of alveolar bone to <u>inferior alveolar canal/ inferior cortex</u> Width measured buccolingually</i>
42	60	16.2	6.1	

**Note:** The measurements provided in this report are to give dentist a general idea of the amount of remaining bone. It is recommended to perform exact measurements by the dentist.

**Radiographic impression:**

Partially edentulous maxillary and mandibular dentition.

Bone height and width for implant placement in the maxilla and mandible are as described above.

Perio-endo lesion w.r.t 14, 16.

Periodontal abscess w.r.t 17, 42. D/D:- Combined lesion.

Associated thinning and possible focal perforation of the floor of the right maxillary sinus noted in 17 region.

Periapical granuloma w.r.t 21. D/D:- Radicular cyst.

External root resorption w.r.t 21.

Bilateral maxillary sinus mucositis.

Advanced periodontitis w.r.t 36.

Generalized cervical abrasion.

Generalized periodontitis.

**NOTE:** Cone beam computed tomography is suboptimal for visualization and evaluation of soft tissue.

\*All radiographic impressions need to be correlated with clinical findings

\*This is a computer generated report and does not require any signature.

**DR KUHU MAJUMDAR**

**Oral and Maxillofacial Radiologist**

Oral Radiologist Name & Signature

Thank you for referring this patient and giving the opportunity to serve you

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