



# 32 DENTAL SOLUTIONS™

NEXT GENERATION ADVANCE DENTAL DIAGNOSTIC  
CENTRE FOR EXCELLENT TREATMENT PLAN

In-House CBCT & OPG  
Machine for 3D Diagnosis



SOPROCARE  
IMAGING



NEXT  
GENERATION  
Soprocare Decay &  
Plaque Diagnostic Imaging

ADVANCE CBCT (DENTAL CT SCANS) FOR 3D DIAGNOSIS, DIGITAL OPG  
FOR MULTIPLE 2D DIAGNOSIS AND STATE OF THE ART SOPROCARE DECAY  
& PLAQUE IMAGING TOOL FOR DECAY DIAGNOSIS



What do we do  
When you visit us with your problems

## EXCELLENT DIAGNOSIS IS DONE FOR PRECISE TREATMENT PLAN

With your Dental visit, our team of Doctors make sure to fully understand your Dental problems in all the aspect keeping in mind to come up with perfect Diagnosis with 5 step Diagnostic workflow options in respect to the depth of problems always ensuring for optimal treatment plan.

We Diagnose Your Dental Problems Using Most Advance Diagnostic Approach,  
All Under One Roof



Visual Examination & Diagnosis



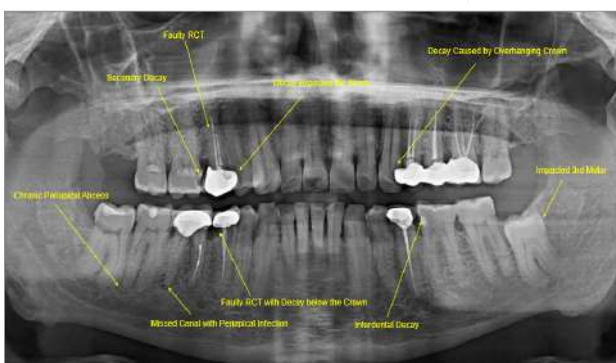
Soprocure Tooth Decay Diagnosis



Soprocure Gums & Plaque Diagnosis



RVG Single Tooth X-Ray Diagnosis



OPG Full Mouth X-Ray Diagnosis



CBCT Dental CT Scan 3D Diagnosis







What do we do  
When you visit us with your problems

## VISUAL EXAMINATION

Complete overall Dental Examination is done in respect to both the Hard and Soft Tissues in your Oral Cavity. All the Dental Findings are noted in a very professional & easy way so that you can understand them easily.

We have well written performa that provides complete information of all the finding of the Hard Tissues and Soft Tissues after knowing complete Past Medical and Dental History.

### Performa Consists

- Chief Complant.
- Soft Tissue Findings—Plaque, Calculus, Gingivitis
- Hard Tissues Findings—Sensitivity, Decay, Filled Tooth, Impacted Tooth, FractuRed Tooth, FractuRed Filling, Missing Tooth, Mobility of Teeth, Pain on pressing the Tooth, RCT treated Tooth, Present Crown and Bridges, Present Implant Status.



All these findings are properly assessed and an Initial Treatment Plan is made with the use of other Diagnostic Aids like Single Tooth or Full Mouth X-Rays, Soprocure Decay & Plaque Diagnosis along with CBCT (Dental CT Scan Diagnosis).





What do we do  
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## SOPROCARE—DECAY & PLAQUE DIAGNOSTIC IMAGING

We made your Diagnosis Transparent: You can see your Decay & Plaque directly in front of TV Screen with Soprocure Patented Auto-Flourescence Technology

NEXT  
GENERATION  
SOPROCARE  
IMAGING



DAYLIGHT Mode



CARIO Mode



PERIO Mode



### SOPROCARE IMAGING

It's a patented Imaging Device, that works on the basis of Auto-Flourescence

The device has got 3 modes

**Daylight Mode:** To Diagnose anatomical details that are invisible to naked eyes with 4 different Imaging Magnification.

**Cario Mode:** To Diagnose the Dental Decay

**Perio Mode:** To Diagnose the Plaque and Gum Inflammation



What do we do  
When you visit us with your problems

## SOPROCARE—DAY LIGHT MODE

**To See the Unseen**—To Diagnose Anatomical details that are invisible to naked eyes with 4 different Imaging Magnification.

When our patients opt for Soprocure Diagnosis, we scan the Tooth / Teeth in Soprocure Daylight Mode to see the unseen



FractuRed Filling  
& Cracked Tooth



In Daylight Mode the Soprocure Device can Diagnose and show any Abnormality with the Tooth such as Microcracks, FractuRed Filling, Abfraction Defects etc which are not visible with naked eyes with 4 different types on magnifications



Cracked Tooth



Abfraction Defects



FractuRed Filling

Perfect Diagnosis by Soprocure Daylight Mode





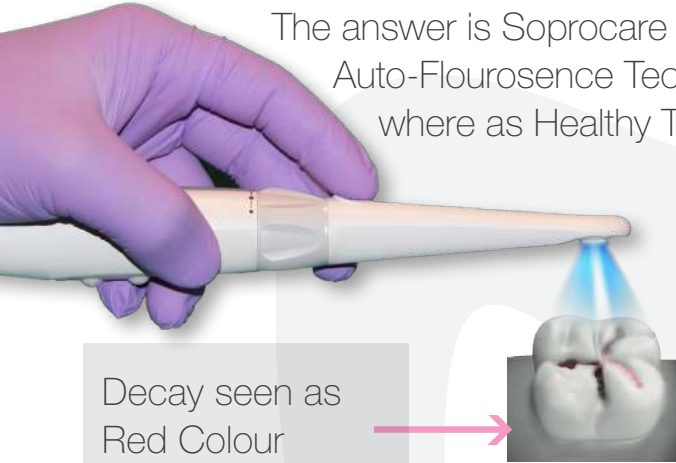


What do we do  
When you visit us with your problems

## SOPROCARE—CARIO MODE

To Diagnose the Decay: **Confused between healthy Tooth or Decayed Tooth??**

The answer is Soprocare Cari0 Mode—In Cari0 Mode, with Soprocare patented Auto-Flourosence Technology, Decays are shown as Bright Red Colour where as Healthy Tooth does not produce any colour with the Imaging



Decay seen as  
Red Colour



**THERE ARE NO FALSE POSITIVE RESULTS, IF IT IS RED, IT'S A DECAY.**

When our patients opt for Soprocare Decay Diagnosis, we scan the Tooth which had the possibility of Dental Decay using Soprocare Cari0 Mode

An Image is Capurted & Appears on the TV Screen right in front of you showing the Tooth with or without Red colour, which is then thoroughly explained by our team of Doctors as per the results to make an Accurate Treatment Plan



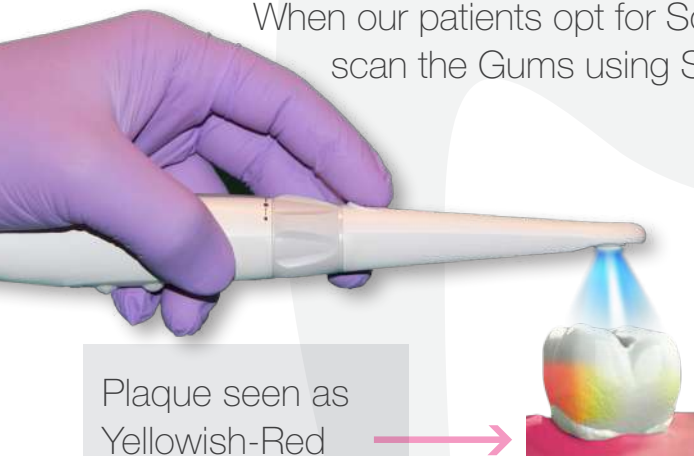


What do we do  
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## SOPROCARE—PERIO MODE

To Diagnose the Plaque and Gum Inflammation— See your oral Hygiene status: with Soprocare Perio Mode. In Perio Mode our patients can see the Hidden Plaque and its effect on Gums as Inflammation which. The Dental Plaque is seen as Yellow Colour with Inflamed Gums are shown as Red Colour where as Healthy Tooth and Gums does not produce any colour

When our patients opt for Soprocare Plaque and Gum problem Diagnosis, we scan the Gums using Soprocare Perio Mode.



Plaque seen as  
Yellowish-Red  
Colour



PLAQUE IS SEEN AS YELLOWISH RED COLOUR & INFLAMED GUMS AS DARK RED COLOUR

An image is captured & appears on the TV screen right in front of you showing the Gums and Teeth. Gums if appeared Red are supposed to be Inflamed and Tooth surface if Yellowish-Red, indicates bacterial colony in the form of Plaque which is then thoroughly explained by our Team of Doctors as per the results to make an Accurate Treatment Plan.







What do we do  
When you visit us with your problems

## RVG – SINGLE TOOTH X-RAY DIAGNOSIS (FOR SINGLE TOOTH PROBLEM)

It is done to Diagnose problem related to single Tooth/single finding for knowing the extent of Decay, Mobility, Infection or other Problems related to Single Tooth



We use state of the art- Vatech Digital Sensor (RVG) with Vatech X-Ray unit for Diagnostic Imaging of single Tooth.

Since it's a digital X-Ray it used 1/10th of the radiation than conventional X-Ray and the X-Ray results comes instantly on to the computer software which is then thoroughly explained to our patients with an Accurate Treatment Plan.







What do we do  
When you visit us with your problems

## FEEL THE DIFFERENCE—NEXT GENERATION DIAGNOSIS WITH IN-HOUSE OPG & CBCT

We have fully digital: **Rayscan ALPHA PLUS CBCT**, a **Samsung Subsidiary** here at 32 Dental Solutions, providing our patients with best Diagnostic and Dental Imaging Services with most accurate Image and comfortable experience

**RAYSCAN** 

World Class CBCT  
Dental CT Scan & OPG

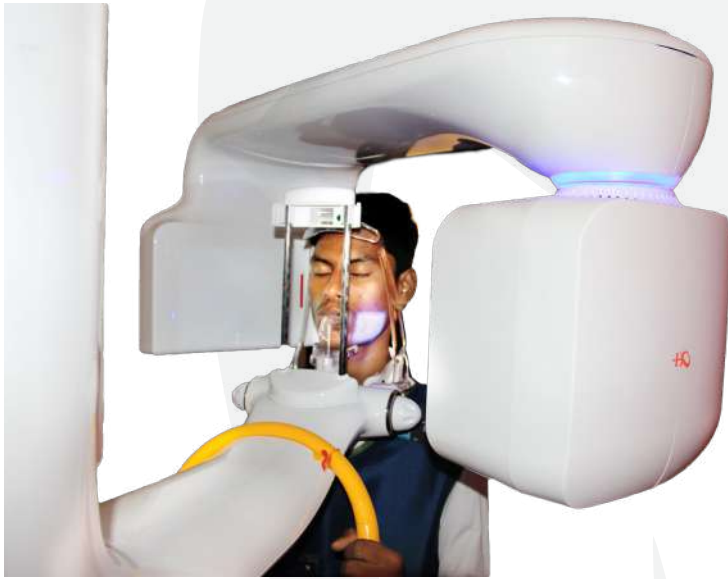




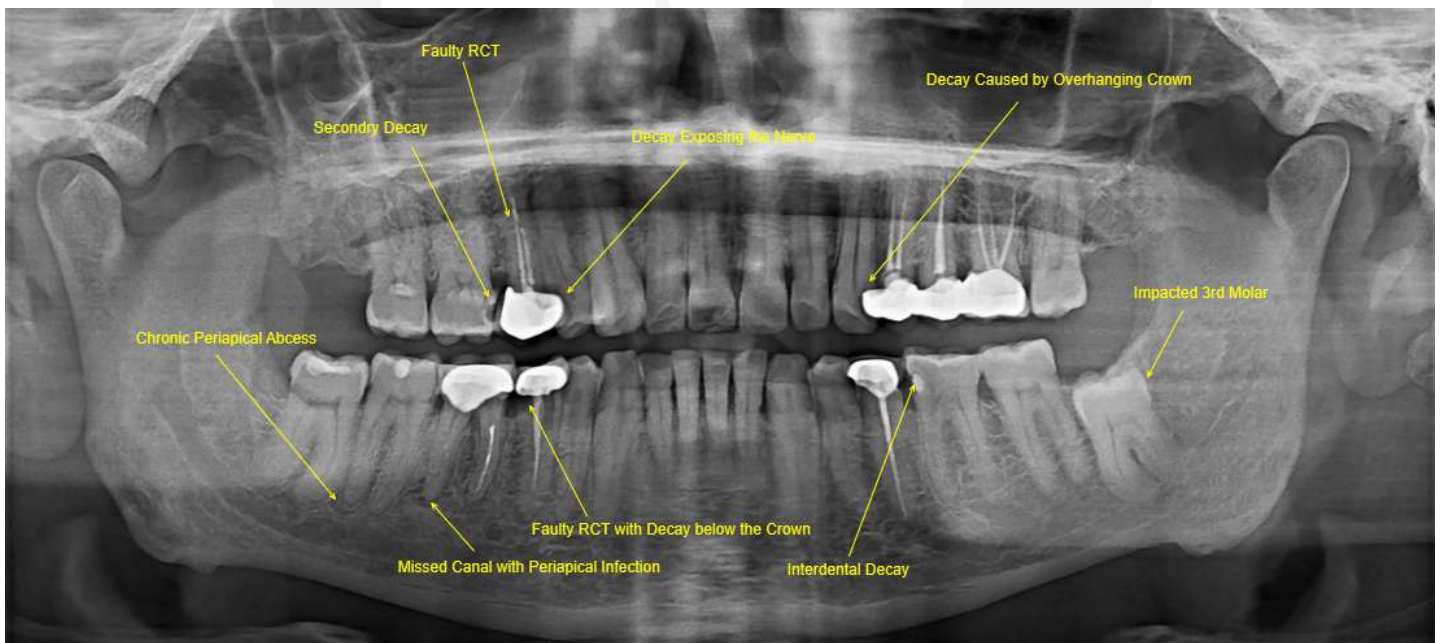
What do we do  
When you visit us with your problems

## OPG—FULL MOUTH X-RAY DIAGNOSIS (FOR MULTIPLE TOOTH PROBLEMS)

An OPG is a panoramic or wide view X-Ray of face, which displays all the Teeth of the upper and lower jaw on a single film. It demonstrates the number, position and growth of all the Teeth including those that have not yet surfaced or erupted.



OPG is any time, a better choice as a Diagnostic Approach towards your Dental Problems



An OPG reveals multiple Tooth problem in a Single Scan and may also reveal problems with the Jawbone and the joint which connects the Jawbone to the head called the Temporomandibular Joint or TMJ. An OPG may be requested for the planning of Orthodontic Treatment, for assessment of Wisdom Teeth or for a general overview of the Teeth and the bone which supports the Teeth







What do we do  
When you visit us with your problems

## CBCT—3D DIAGNOSIS—DENTAL CT SCAN

Welcome to the future of Diagnosis with 32 Dental solutions CBCT (Dental CT Scan)

At 32 Dental solutions we always strive to make sure our patients are treated with the best and newest technology. Therefore we are pleased to provide at our office, the latest advance in Dental Imaging—Cone Beam Computed Tomography (CBCT)

WE TAKE THE CBCT SCAN OF YOUR JAW ON 1ST DAY OF YOUR VISIT



With CBCT we can produce three dimensional (3-D) Images of your Teeth, soft tissues, nerve pathways and bone in a Single Scan. Images obtained with Cone Beam allow for more precise Treatment Planning.





What do we do  
When you visit us with your problems

## CBCT—3D DIAGNOSIS—DENTAL CT SCAN

YOU GET YOUR COMPLETE REPORT ON 2ND DAY

The scans are thoroughly investigated at back end by our Team of Doctors (Radiologists) and complete (e-Report) is made which is then mailed to the patients and recalled for consultation on second day.



The reports are elaborately explained to the patients about their problems with their treatment options by our Team of Doctors

WHEN IT COMES TO  
DIAGNOSIS, THERE  
IS NO MATCH FOR  
CBCT AS WE KNOW  
YOUR TEETH AND  
THEIR PROBLEMS 3  
DIMENSIONALLY







# CBCT Diagnosis Versus Conventional Diagnosis

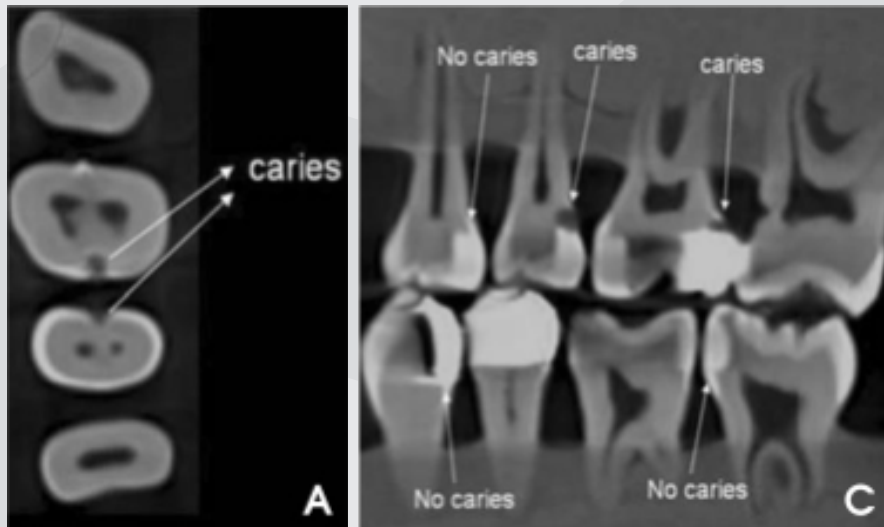


What do we do

Advance Diagnosis with CBCT at 32 Dental Solutions

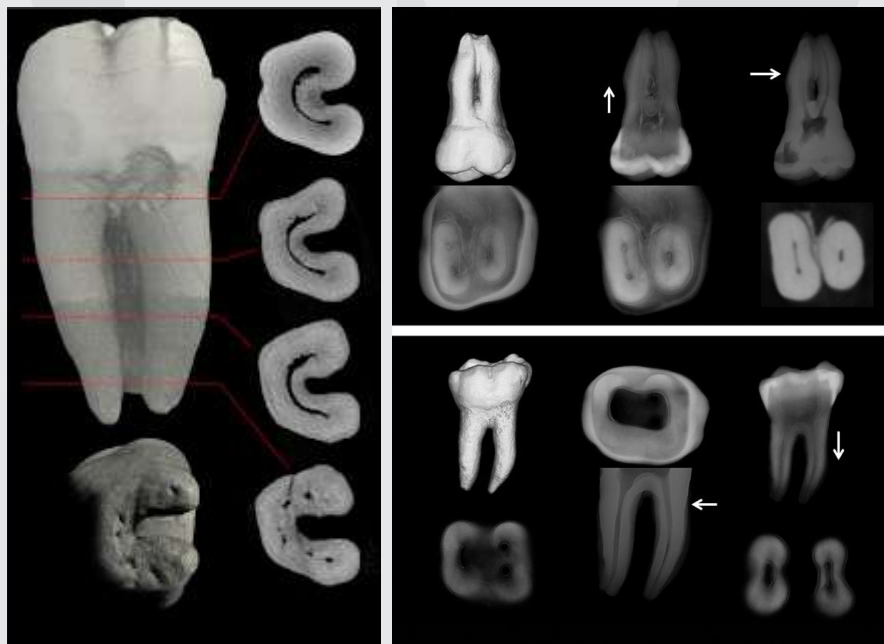
## CBCT DIAGNOSIS VERSUS CONVENTIONAL DIAGNOSIS

### CBCT FOR DIAGNOSING DENTAL DECAY



Conventional Diagnosis of Dental Decay has many limitations as they can't tell the depth of the Decay toward the Nerve in certain Planes while CBCT shows Complete 3 Dimensional overview of Decay in relation with the Nerve, Tooth & Bone Creating Different Sections of the Teeth as per need.

### CBCT FOR ROOT CANAL TREATMENT PLANNING



Conventional X-Ray (RVG) only shows Compromised Root Canal Configuration in 2 Dimension leading to inaccurate Treatment Planning while CBCT Endo Scans provides complete 3 Dimensional detailed Information about the – Number of Canals, the length of Canals, shape of the Canals, Canal Curvature, Cross sections of the Canals along with any Pathology or Abnormality related to the Tooth/Canal.

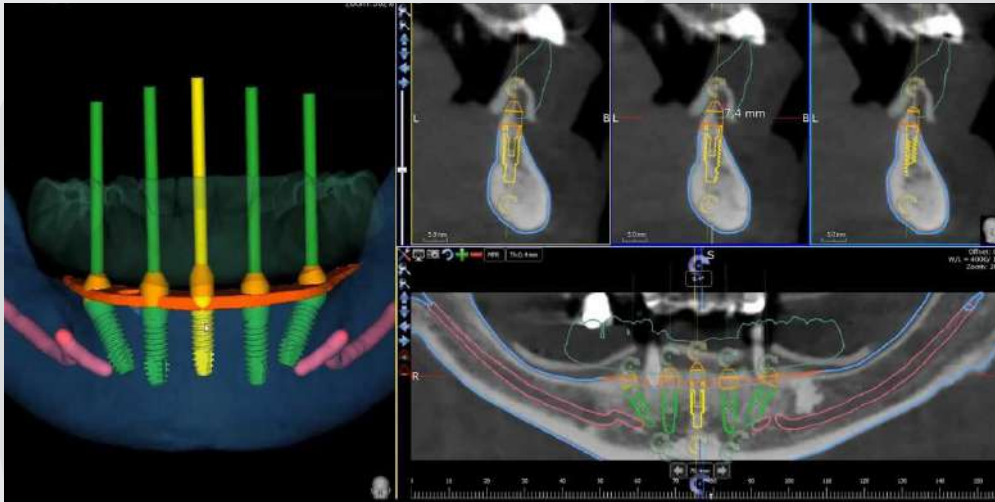






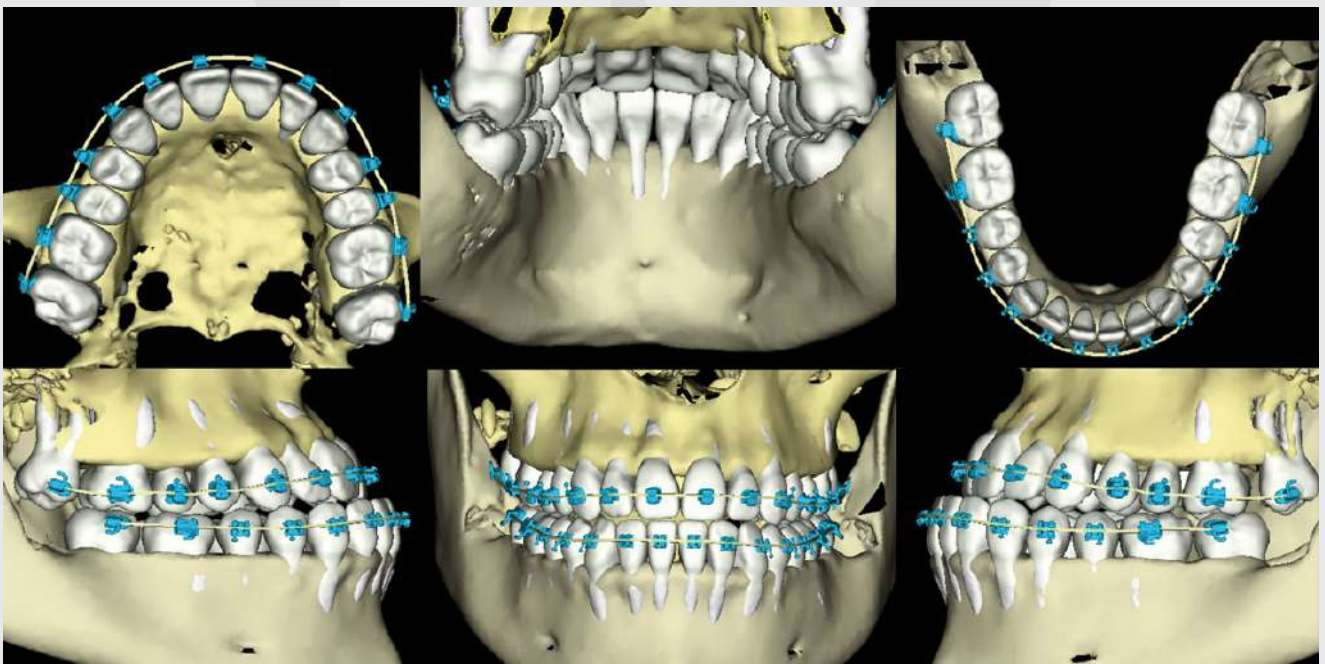
## CBCT DIAGNOSIS VERSUS CONVENTIONAL DIAGNOSIS

### CBCT FOR DENTAL IMPLANT PLANNING



Conventional X-Ray (RVG/OPG) used for Implant planning only provide Compromised 2 Dimensional Details of the Bone/Site while CBCT Scans provide Complete 3 Dimensional Detailed Information about the—Width of the Bone, Height of the Bone, Vital structure like the Nerve & Sinus Proximity, Quality of Bone, Extension for Software 3D Planning for Accurate Digital Implant Placement.

### CBCT FOR ORTHODONTIC TREATMENT PLANNING



Conventional OPG/CEPHALOGRAM only provides overall Teeth & Facial Profiles Details, while CBCT provides Complete 3 Dimensional Over View of Teeth Position, Impacted Tooth (Canine), Teeth Alignment with their Root Angulation & Position for Next Level Orthodontic Treatment Planning.



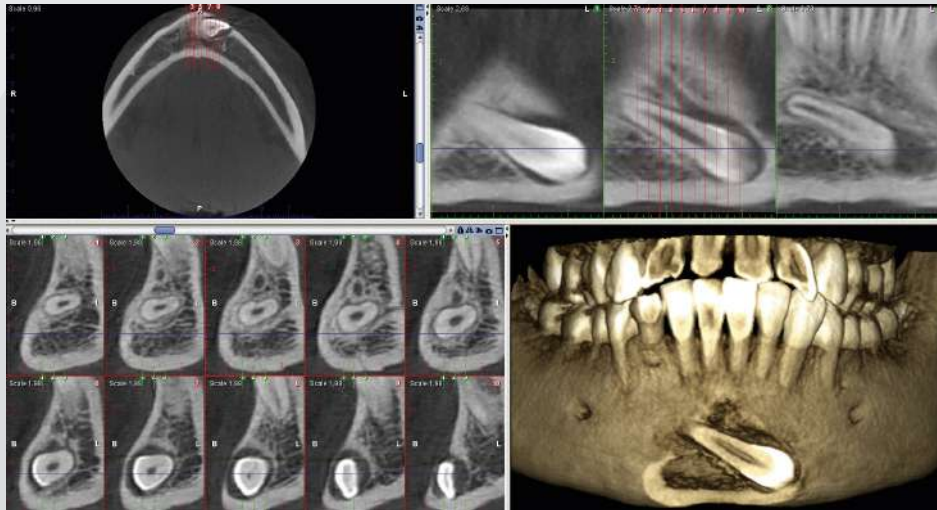


What do we do

Advance Diagnosis with CBCT at 32 Dental Solutions

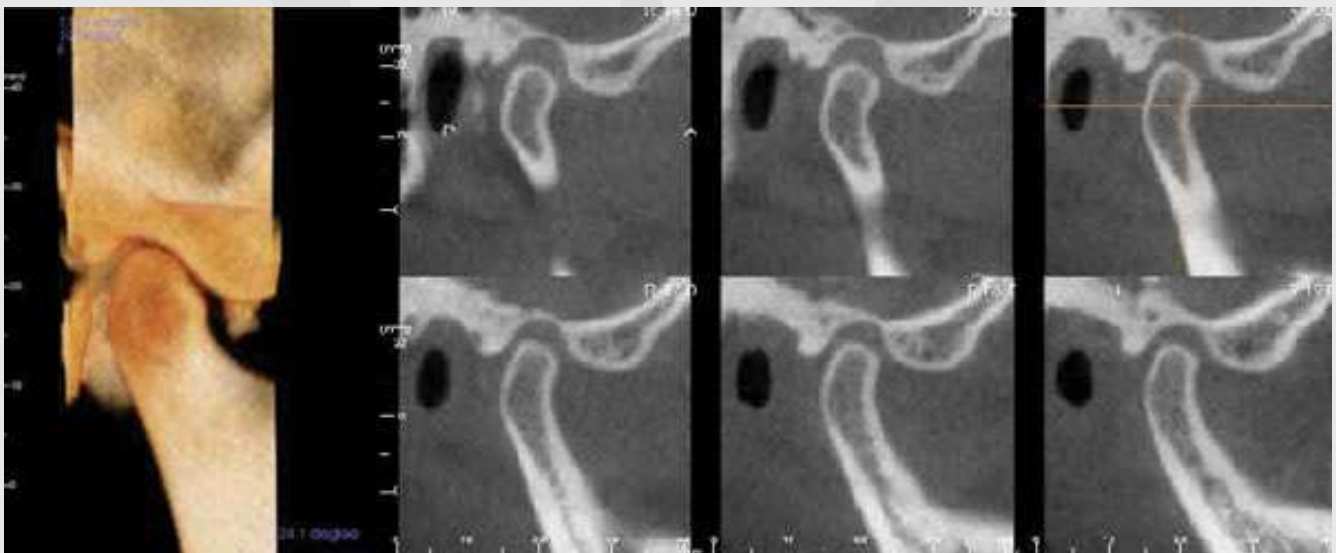
## CBCT DIAGNOSIS VERSUS CONVENTIONAL DIAGNOSIS

### CBCT FOR TOOTH EXTRACTION PLANNING



Conventional X-rays (RVG) only provides 2 Dimensional Information about the Impacted Tooth as well as the Bone & Vital Structures associated with it while CBCT Scan is any time better for providing 3 Dimensional Complete Detailed information about the Impacted Tooth, 3 Dimensional Bone Status around the Impacted Tooth, Accurate Position of the Tooth, Vital Structures & Nerve Position with Respect to The Roots and Level of Pathology associated with the Impacted Tooth.

### CBCT FOR DIAGNOSING (TMJ) TEMPORO-MANDIBULAR JOINT DISORDERS



Conventional Lateral TMJ Scan for Diagnosing TMJ Joint Disorder has Limitations to provide Complete Detailed Information since it provides 2 Dimensional Information, while CBCT Scans provide Exceptional 3 Dimensional Information about the TMJ Joint, so that Root Cause of the Problem is Diagnosed for Improving Better Treatment Plan & Relief to our Patients.





What do we do

Advance Diagnosis with CBCT at 32 Dental Solutions

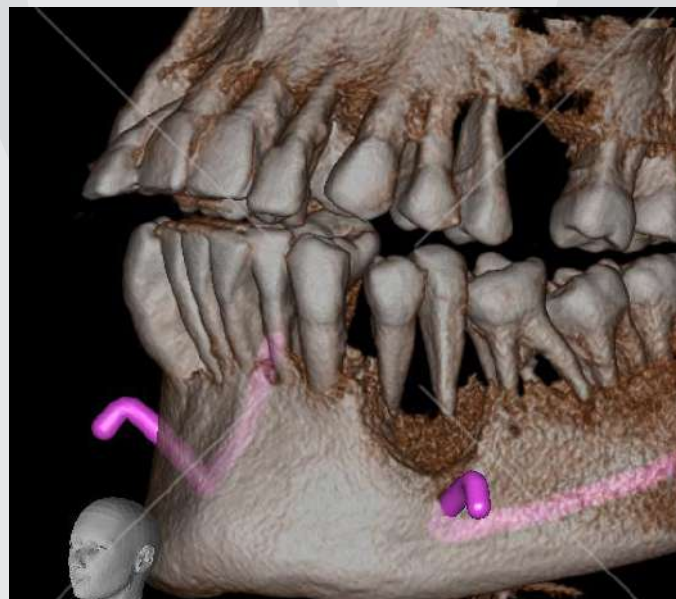
## CBCT DIAGNOSIS VERSUS CONVENTIONAL DIAGNOSIS

### CBCT FOR TOOTH FRACTURE DIAGNOSIS



Diagnosing Root Fracture is the Extremely Difficult with Conventional X-Rays (RVG), as Majority of the times Misdiagnosis occurs due to the 2 Dimensional Limitations, while CBCT provides 3 Dimensional over view of the Tooth with Unmatched Diagnostic Potential towards the Root fracture Diagnosis.

### CBCT FOR BONE LOSS DIAGNOSIS



Conventional X-Rays (OPG) Provides Limited 2 Dimensional Analysis of the Level of Bone Loss while CBCT Scan Provides Complete Detailed Overview of the—Areas of Bone Loss, Level of Bone Loss, Amount of Bone Loss & very helpful in determining the Prognosis of the Tooth.





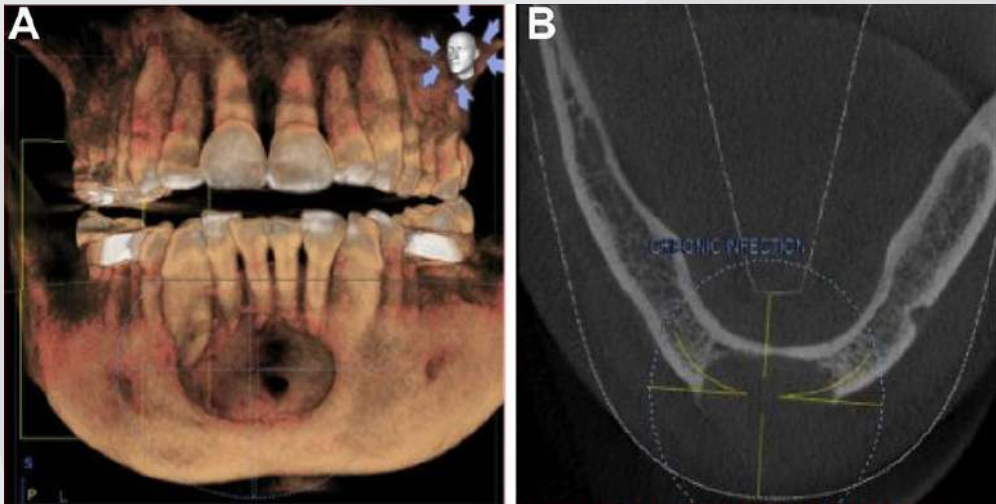


What do we do

Advance Diagnosis with CBCT at 32 Dental Solutions

## CBCT DIAGNOSIS VERSUS CONVENTIONAL DIAGNOSIS

### CBCT FOR CYST DIAGNOSIS



Conventional X-Rays (RVG/OPG) Provides Limited 2 Dimensional Analysis of size and Location of Cyst, while CBCT Provides 3 Dimensional Detailed Overview of the Cyst Position, Cyst Dimension, Cyst Relation with the Tooth & Cyst Proximity toward any Vital Structure for better Treatment Planning & hence Better Treatment Outcome.

### CBCT FOR JAW BONE FRACTURE DIAGNOSIS



Maxillofacial Fractures are very complex and absolutely cannot be Diagnosed by Conventional X-Rays (RVG) & it has got limitations with the Diagnostic Potential with respect to the OPG SINCE it is 2 Dimensional, while CBCT provides Complete 3 Dimensional overview of - Level of Fracture, Type of Fracture, Number of Fractures, Severity of Fracture along with Location of Fracture.



For Unmatched Diagnosis & Excellent Treatment Plan  
Visit us 32 Dental Solutions



**32 DENTAL SOLUTIONS™**

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