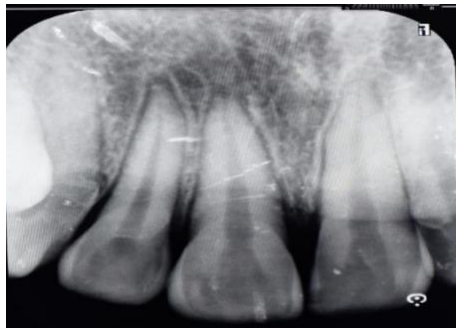


**PT NAME: Koushik**      **AGE:16**

**PRE-OP**



**POST-OP:**





**PT NAME: PAVITHRA**

**AGE:25**

**PRE-OP:**

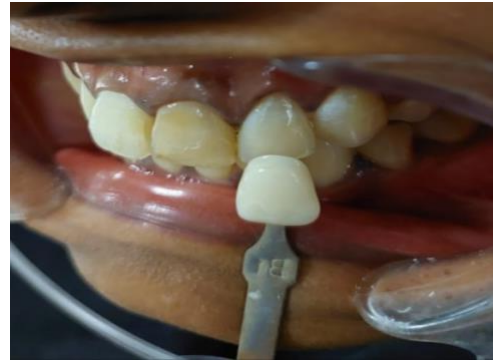


**SHADE MATCHING:**



**13- A 3.5**

**12- B1**



**22-B1**

**23-A3.5**



**11- C4**

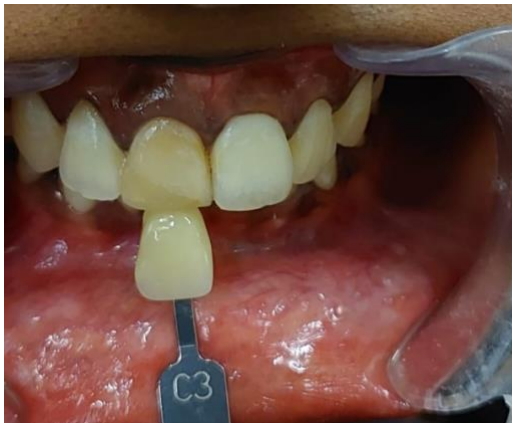


**21-B1**

**INTER-OP:**



**POST-OP:**



**11- C3**



**21- A1**



**12- A1**



**22- D2**



**13- D2**

**PATIENT NAME : RAJKUMAR**

**AGE: 25/M**

**PRE-OP:**



**MOCK-UP:**



**PUTTY INDEX:**

**INTRA-OP:**



**POST-OP:**



**PATIENT NAME: NIRMAL KUMAR**

**AGE: 21**

**PRE-OP:**





**INTRA – OP:**





**POST – OP:**

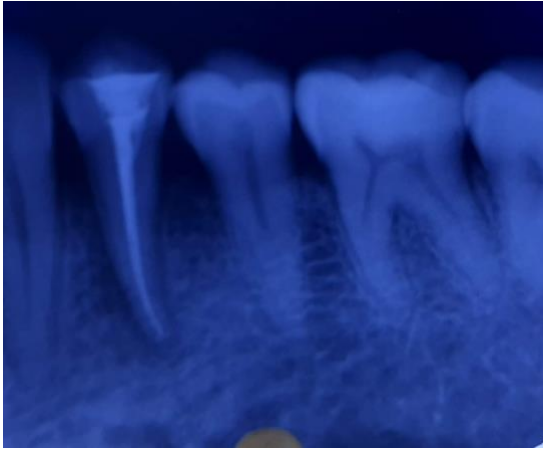


**PATIENT'S NAME : Mrs.Bhoomidevi**

**Age: 35**

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**PRE-OPERATIVE PICTURES**

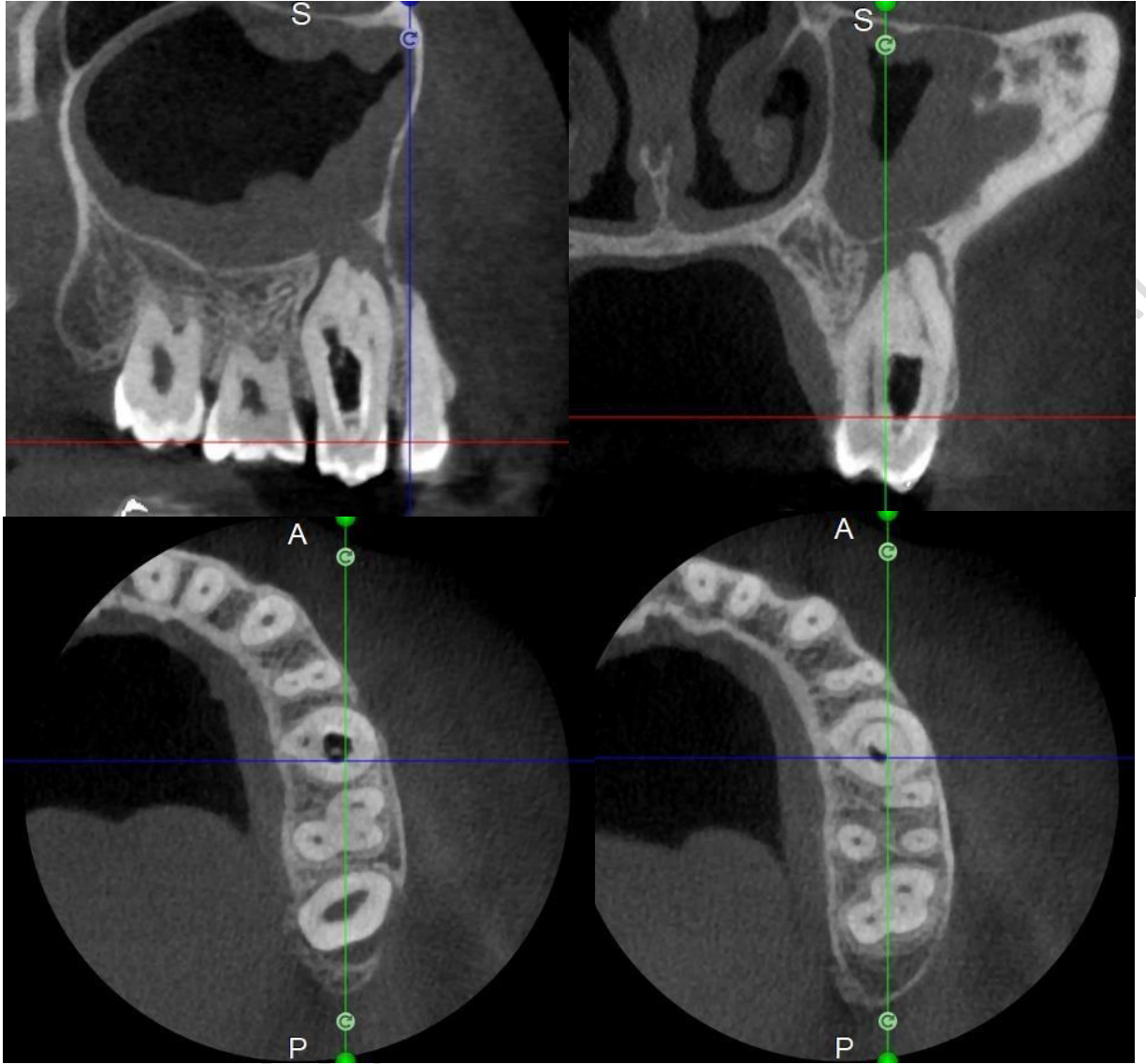


**PRE OPERATIVE XRAY**

Department of Conservative Dentistry & Endodontics

**CBCT IMAGES**

*Dept Of Conservative Dentistry & Endodontics*



**INTRAOPERATIVE PICTURE UNDER MICROSCOPE**





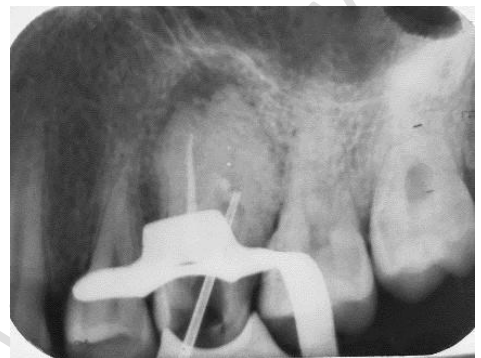
**WORKING LENGTH MEASUREMENT  
IN PALATAL CANAL**



**MASTER CONE VERIFICATION IN  
PALATAL CANAL**



**AFTER OBTURATION OF  
PALATAL CANAL**



**VERIFICATION OF TIP SIZE AND  
LOCATION IN BUCCAL CAVITY**



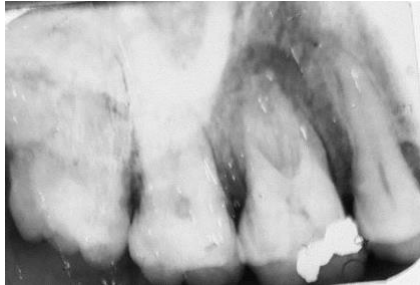
**AFTER THERMOPLASTICIZED  
OBTURATION**



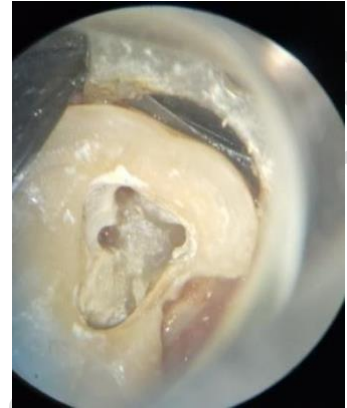
**POST  
OPERATIVE  
RADIOGRAPH**

## SECOND MESIOBUCCAL CANAL IN MAXILLARY MOLAR

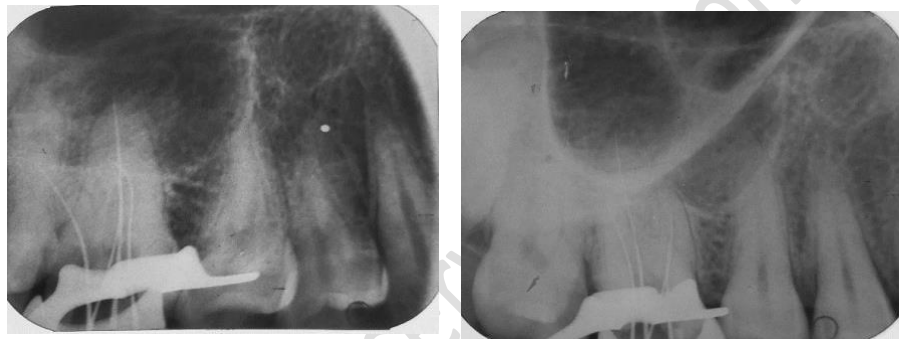
**PRE-OPERATIVE RADIOGRAPH**



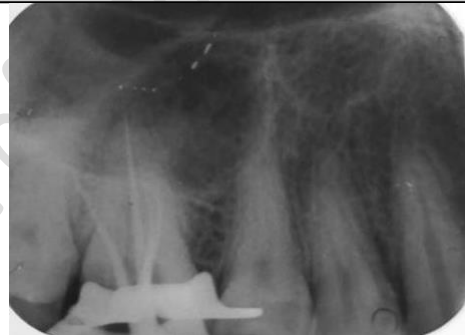
**INTRAOPERATIVE PICTURE UNDER MICROSCOPE**



**WORKING LENGTH RADIOGRAPH**



**MASTER CONE VERIFICATION**



**POST-OPERATIVE RADIOGRAPH**



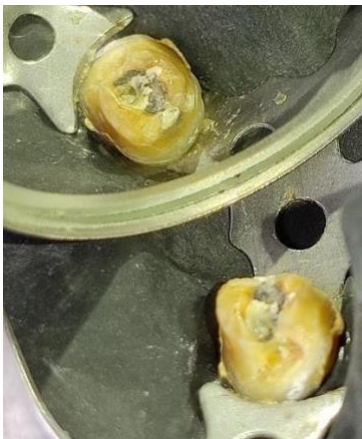
## POST RETRIEVAL IN 22



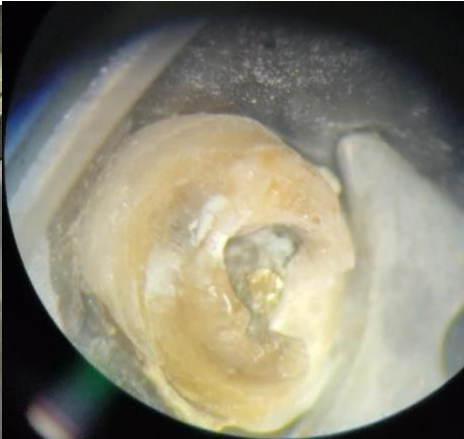
**PRE-OPERATIVE PHOTOGRAPH**



**PRE-OPERATIVE RADIOGRAPH**



**METAL POST IN 22 VISUALIZED UNDER MICROSCOPE**

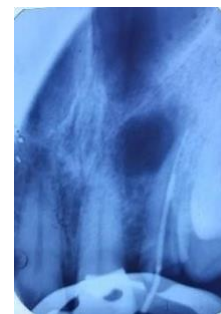


**POST RETRIEVAL USING ULTRASONICS**

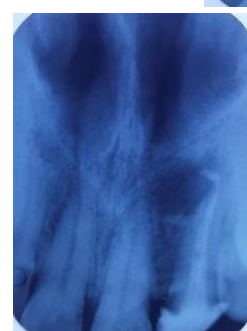


**RETRIEVED POST**

**RETREATMENT**



**FIBER POST PLACEMENT**



**POST OPERATIVE XRAY**

## **SPLINTING OF TRAUMATISED UPPER & LOWER ANTERIORS**

### **PRE-OPERATIVE PICTURES**



### **PRE-OPERATIVE RADIOGRAPHS**

#### **IOPA**



#### **OCCLUSAL**

**ASSESSMENT OF OCCLUSION**



**AFTER WIRE AND COMPOSITE SPLINTING**



**SPLINTING REMOVED AFTER 2 WEEKS**



**POST OPERATIVE RADIOGRAPHS**





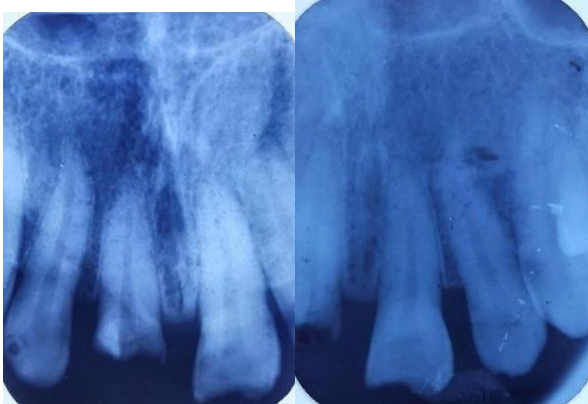
## **REPOSITIONING & SPLINTING OF TRAUMATISED UPPER ANTERIOR TEETH**

### **PRE-OPERATIVE PICTURES**

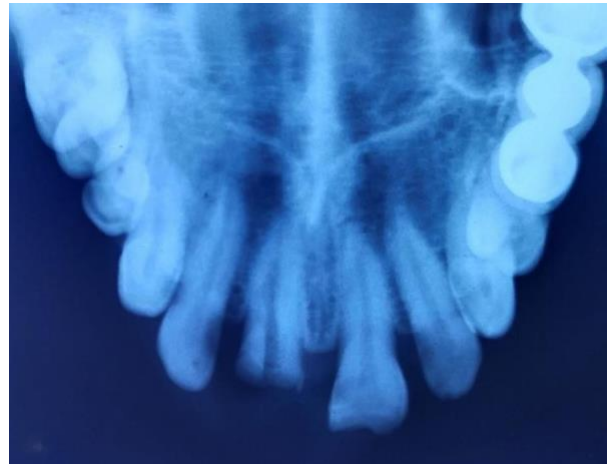


### **PRE-OPERATIVE RADIOGRAPH**

**IOPA**



**OCCLUSAL**

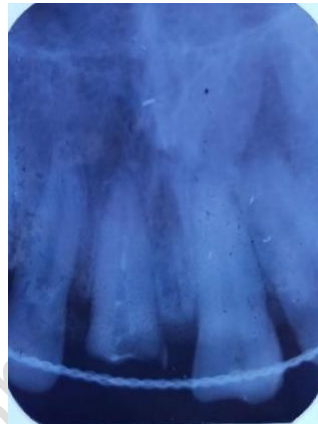


Department

**21 REPOSITIONED & WIRE AND COMPOSITE SPLINTING DONE**



**RADIOGRAPH AFTER SPLINTING**



**POST-OPERATIVE PICTURE & RADIOGRAPH AFTER RCT IN 11**



## MANAGEMENT OF APICAL RESORPTION IN 31



**PRE-OPERATIVE PICTURE**



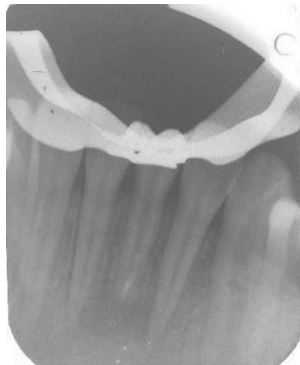
**PRE-OPERATIVE RADIOGRAPH**



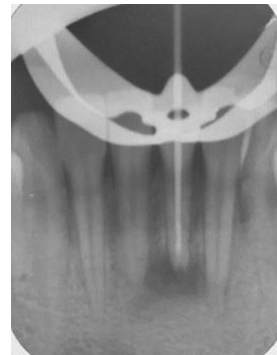
**SINUS TRACING**



**WORKING LENGTH DETERMINATION & BMP**



**FILLING THE APICAL THIRD WITH BIODENTINE**



**OBTURATION OF REMAINING PART OF 31**



**POST OPERATIVE XRAY**

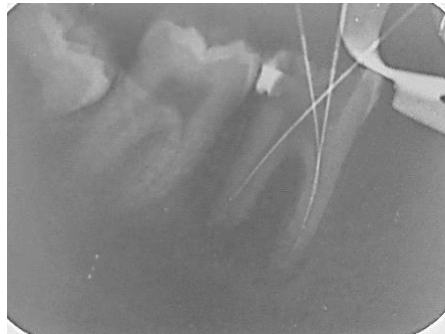


**POST OPERATIVE PICTURE**

## MANAGEMENT OF APICAL RESORPTION IN 46



**PRE-OPERATIVE RADIOGRAPH**



**WORKING LENGTH RADIOGRAPH  
& BMP**



**FILLING THE APICAL THIRD OF  
DISTAL ROOT WITH BIODENTINE**



**COMPLETE OBTURATION OF 46**



**POST-OPERATIVE RADIOGRAPH**

## CERAMIC VENEER IN 11,12, 21



**PRE-OPERATIVE PICTURE**



**RUBBER DAM  
ISOLATION &  
TOOTH  
PREPARATION**

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Conservative Dentistry & Endodontics



**GINGIVAL  
RETRACTION  
CORD PACKED &  
IMPRESSION  
MADE**



**CERAMIC VENEERS IN  
11, 12 & 21**

**POST OPERATIVE PICTURES**



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## VITAL BLEACHING IN 11, 21



**PRE-OPERATIVE PICTURE**



**RUBBER DAM ISOLATION**



**APPLICATION OF BLEACHING AGENT & LIGHT ACTIVATION**

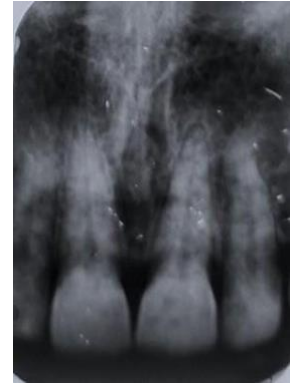


**POST-OPERATIVE PICTURE**

## NON-VITAL BLEACHING IN 11



**PRE-OPERATIVE PICTURE**



**PRE-OPERATIVE RADIOGRAPH**



**RUBBER DAM ISOLATION**



**BLEACHING MATERIAL PLACEMENT**



**POST-OPERATIVE PICTURE**



**POST-OPERATIVE RADIOGRAPH**



## DIRECT PULP CAPPING IN 24

**PRE-OPERATIVE RADIOGRAPH**



**PULP EXPOSURE DURING  
CARIES EXCAVATION**



**ARREST OF BLEEDING**



**AFTER BIODENTINE  
PLACEMENT**



**PRE-OPERATIVE PICTURE  
AND RADIOGRAPH**

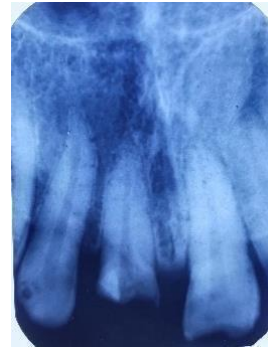


## CAST POST AND CORE IN 11

**PRE-OPERATIVE PICTURE**



**PRE-OPERATIVE RADIOGRAPH**



**AFTER SURGICAL CROWN LENGTHENING**



**POST SPACE PREPARATION**



**WAX PATTERN FABRICATION**



**CAST POST IN 11**



**AFTER CEMENTATION OF CAST POST**



**POST OPERATIVE PICTURE**

# PERIAPICAL SURGERY IN MAXILLARY POSTERIOR TEETH

## PRE-OPERATIVE PICTURES

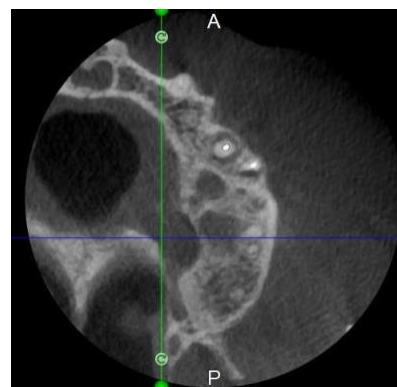
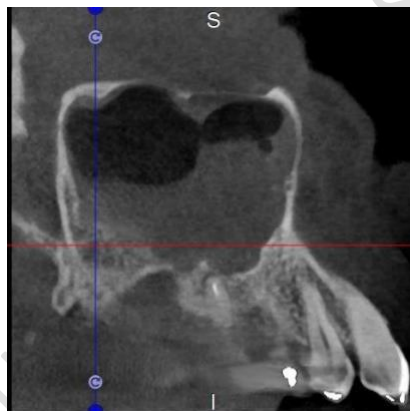
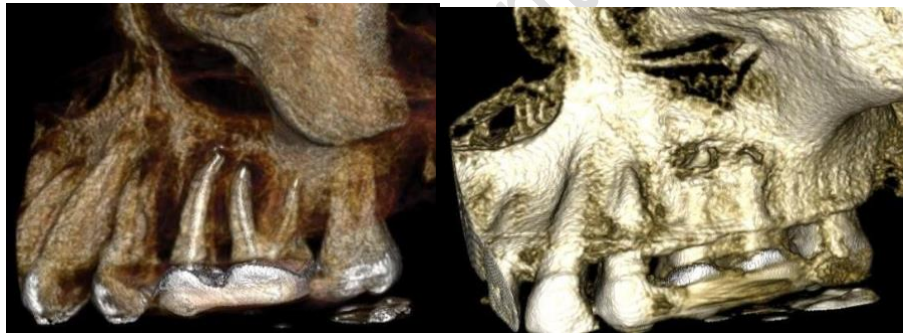


## PRE-OPERATIVE RADIOGRAPHS

### IOPA



### CBCT IMAGES





**FLAP ELEVATION**

**OSTEOTOMY**



**AFTER ROOT RESECTION IN 25,26**



**RESECTED ROOT**



**RETROCAVITY PREPARATION IN 25, 26**



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**AFTER RETROGRADE FILLING PLACEMENT IN 25, 26**



**FLAP REPOSITIONED AND SUTURED**



**POST OPERATIVE PICTURE**



**POST OPERATIVE PICTURE & RADIOGRAPH**



## PERIAPICAL SURGERY FOR SURGICAL RETREATMENT

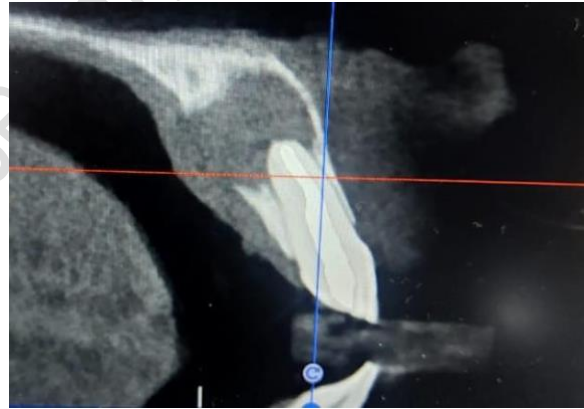
**PRE-OPERATIVE PICTURE**



**PRE-OPERATIVE RADIOGRAPH**



**CBCT IMAGES**



**AFTER RETROGRADE FILLING PLACEMENT**



**FRACTURE REATTACHEMENT IN 11,12**

PRE- OP PHOTOGRAPH



WORKING LENGTH RADIOGRAPH





MASTER CONE RADIOGRAPH



OBTURATION RADIOGRAPH



POST- OP PHOTOGRAPH



POST- OP PHOTOGRAPH



# INLAY PREPARATION IN 37

PRE- OPERATIVE RADIOGRAPH



INTRA- ORAL VIEW



INLAY PREPARATION



INLAY INSERTION



POST- OP RADIOGRAPH

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Conservative Dentistry

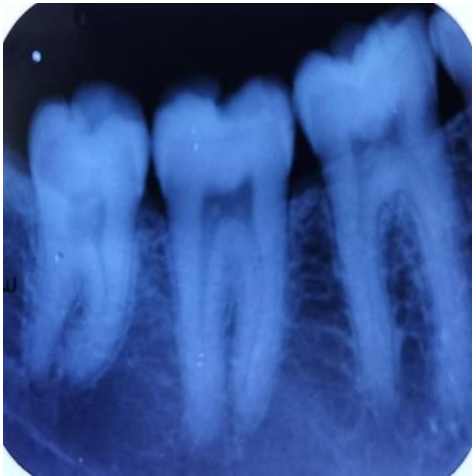
Chettinad



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# INLAY WITH CUSP CAPPING OF 36

PRE- OPERATIVE RADIOGRAPH



INLAY PREPARATION



INSERTION OF METAL INALY



INTRA- ORAL VIEW



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Conservative De

UCRI

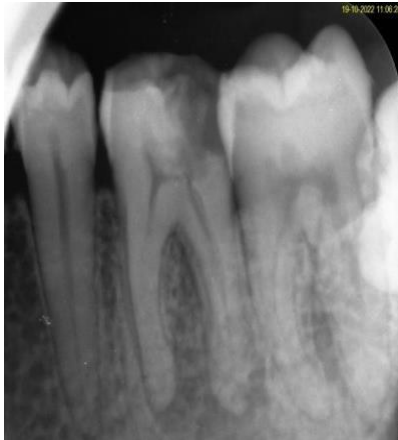
**POST- OP RADIOGRAPH**



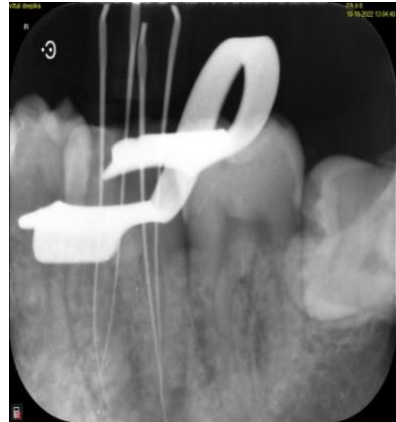
Department of Conservative Dentistry CDCRI

# MANAGEMENT OF RADIX ENDOMOLARIS

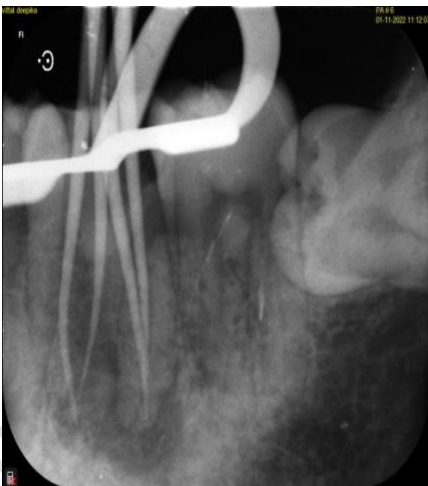
PRE- OP X-RAY



WORKING LENGTH RADIOGRAPH



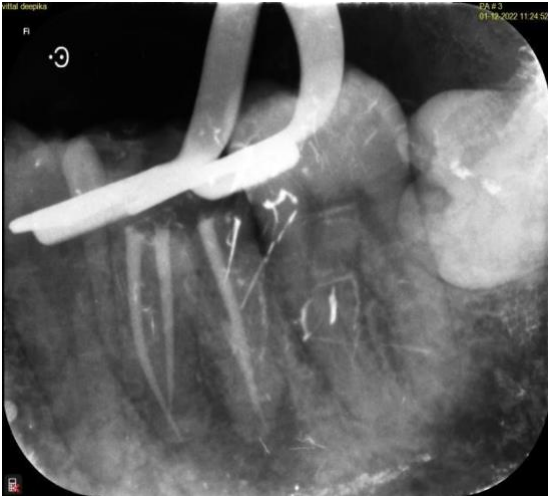
MASTER CONE RADIOGRAPH



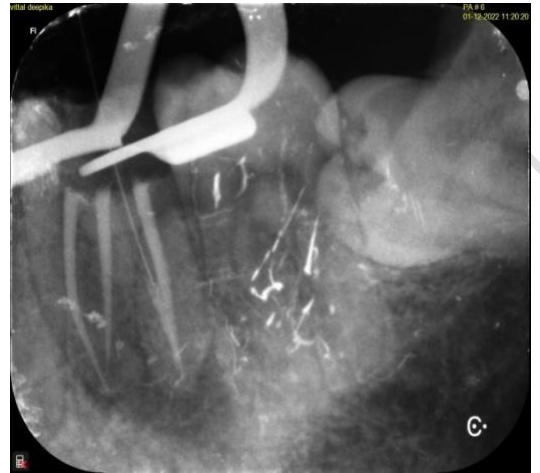
OBTURATION RADIOGRAPH



## POST SPACE RADIOGRAPH



## FIBER POST RADIOGRAPH



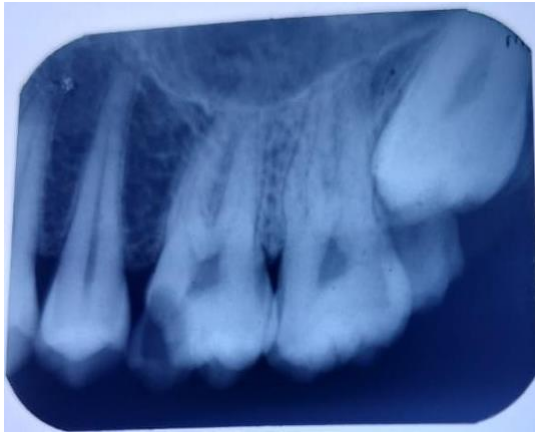
## POST- OP RADIOGRAPH



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# MANAGEMENT OF FRACTURED INSTRUMENT

PRE-OPERATIVE RADIOGRAPH



SEPARATION OF FILE

WORKING LENGTH RADIOGRAPH



ENDOSUCCESS KIT



ULTRASONIC TIP



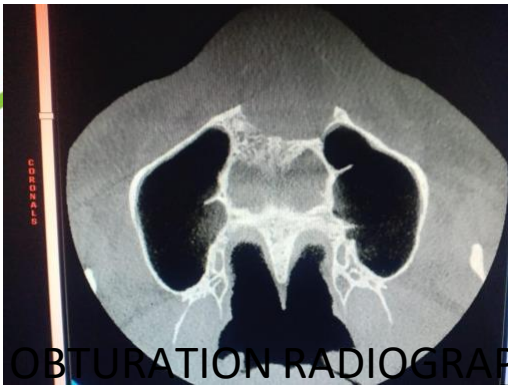
SEPERATED ROTARY FILE



FILE RETRIEVED



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OBTURATION RADIOGRAPH



POST- SPACE RADIOGRAPH



FIBER POST RADIOGRAPH



POST-OPERATIVE RADIOGRAPH



Periapical surgery for management of periapical cyst irt 11, 21, 22

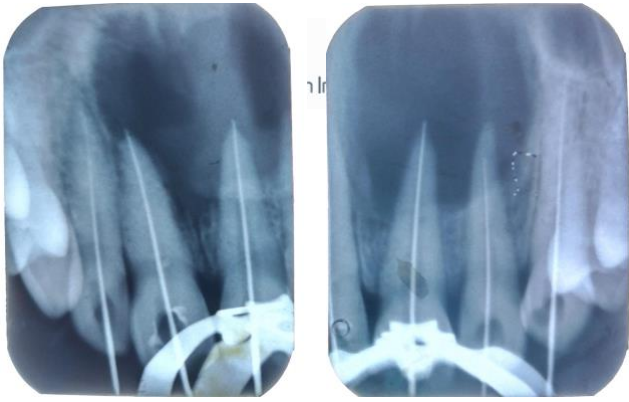
Patient name: Mr. Lokesh

Age: 21

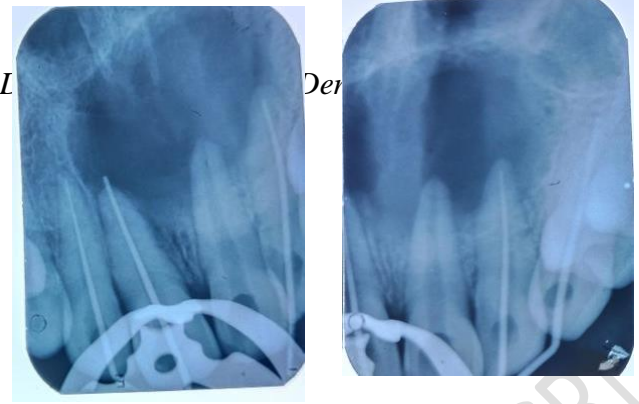
CBCT view of cyst

Intra oral view.

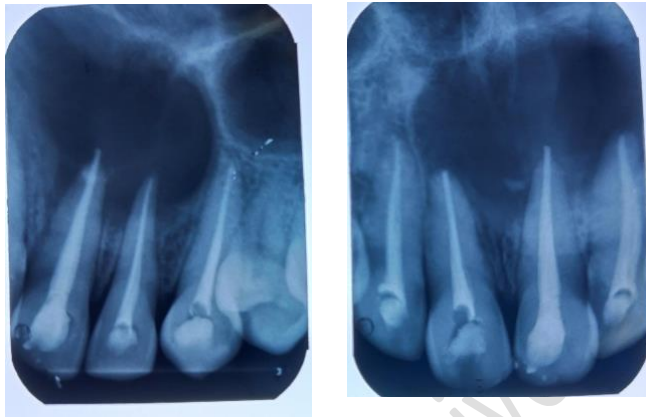
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Working length radiograph



Mastercone radiograph



Post operative radiograph



After splinting photograph





Retrograde filling with biodentin

Biodentin placed at root apex



After suturing

Enucleated cyst



Post operative radiograph



after composite restoration

Patient name: Sowmiya

Age: 25 years



Intraoral view pre operative



Wax mock up





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Chettinad Dental College & Research Institute



ntics



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DCRI

# Ceramic inlay irt 26

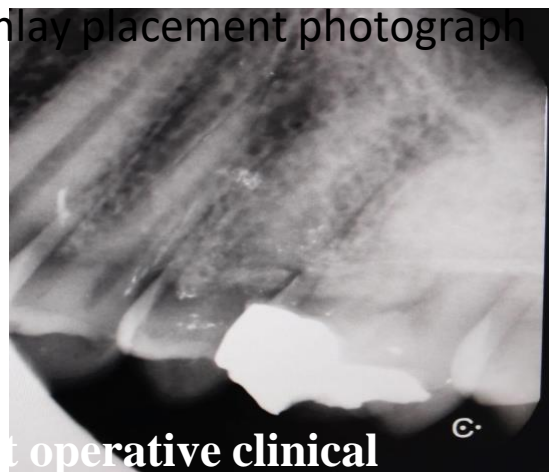


Preoperative clinical photograph

Inlay preparation photograph

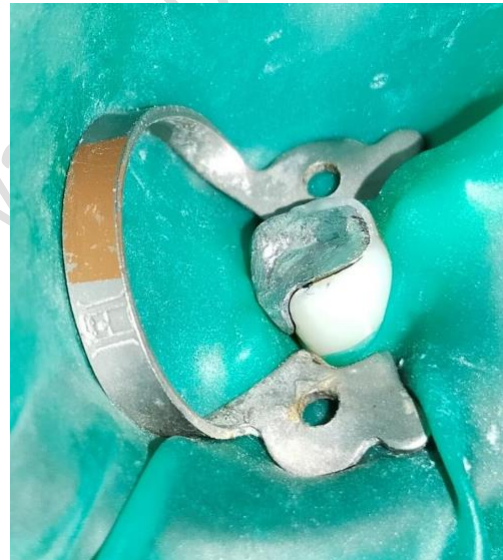
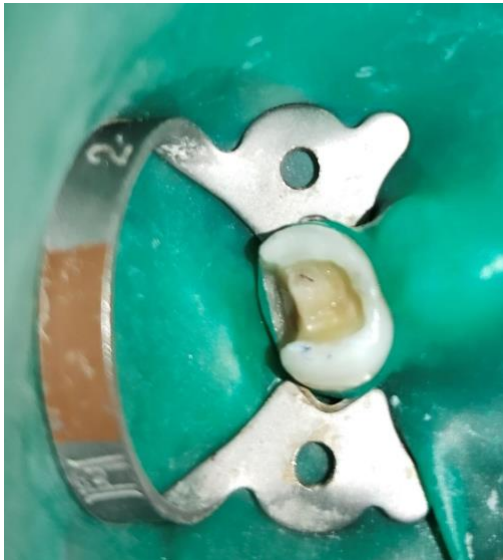


Inlay placement photograph

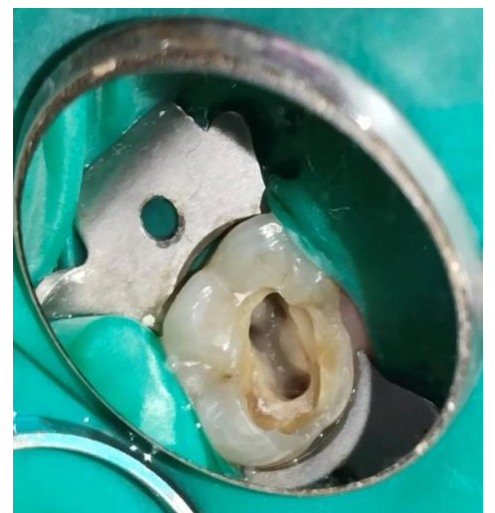
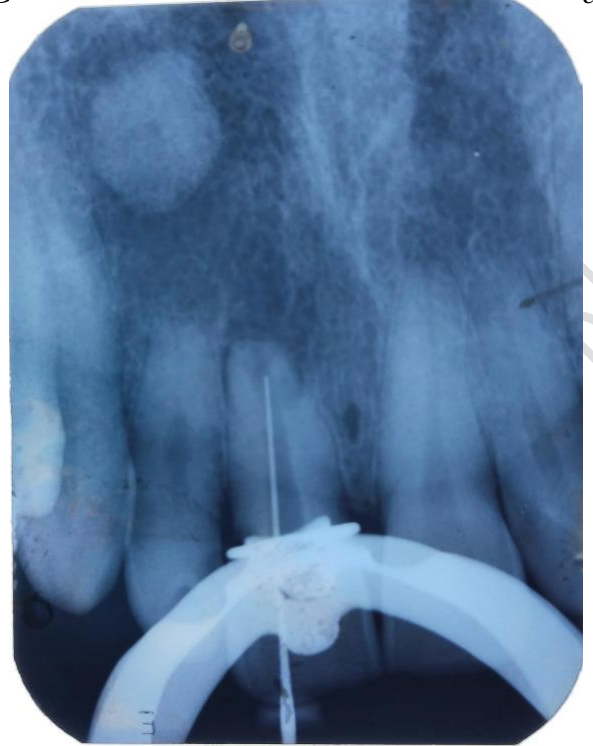


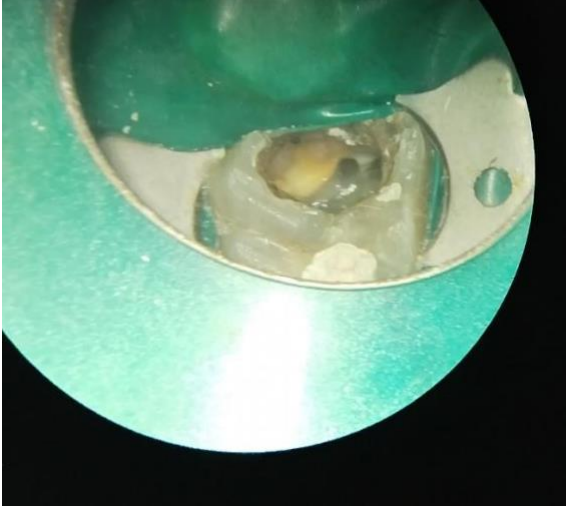
Post insertion clinical photograph

Post operative clinical



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# **BIODENTINE APEXIFICATION FOLLOWED BY COMPOSITE RESTORATION**

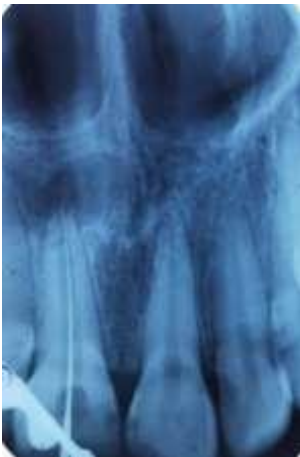
**Pre-op photograph**



**Pre-op radiograph**



**Working length**



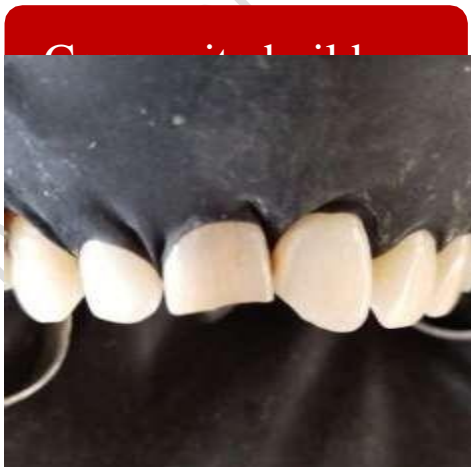
**Biodentin obturation**



**After apexification**



**Post-op photograph**





## **E-MAX VENEERS IN REALTION TO 11,21 REGION**



**Pre-op photograph**

**Rubber dam  
isolation**



**After incisal overlap  
preparation in  
11,21(veener prep)**

**E-max veneers in 11  
and 21**



**Post-op photograph**



## E-MAX VENEERS IN REALTION TO 11,21 REGION

Pre-op photograph



Rubber dam isolation



Veneer prep in the patient/die

Veneer placement in cast



Post-op photograph

Smile line-Facial view



## MANAGEMENT OF MANDIBULAR MOLAR WITH RADIX ENTOMOLARIS

Pre-operative  
radiograph



Working length



Master cone



Master cone with  
shifted angulation



Post-operative IOPA



Post-op IOPA with  
shifted angulation



## MANAGEMENT OF IMMATURE APEX IN 11

Pre-operative  
photograph



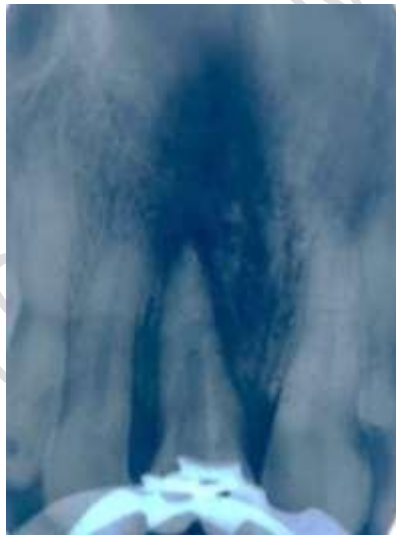
Pre-operative  
radiograph



Working length



Apical-third  
Obturation with  
biodentine



Fibre-post  
placement in 11



Crown preparation  
for E-max crown



E-max crown cemented in 11



## MANAGEMENT OF MID-DISTAL CANAL IN 46

Pre-op radiograph



Working length



Distal working length



Orifice location



Working length clinical



Master cone in regular angulation



**Master cone in shifted angulation**



**Master cone clinical**



**Obtured GP at 5 orifices**



**Obturation radiograph**



## DIRECT PULP CAPPING IN 26

Pre-operative IOPA



Caries excavated and Disto-buccal pulp horn exposed (pin-point)



After haemorrhage control with NaOCl, biodentine placement

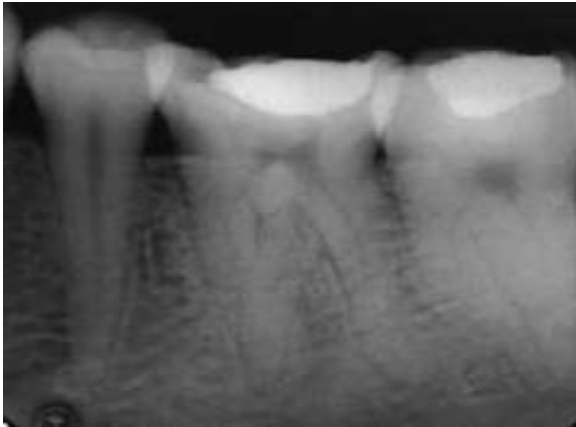


GIC liner placed and composite restoration



## METAL INLAY IN 36

Pre-operative radiographic image



Preparation under rubber-dam isolation



Inlay fit checked in 36



Post-cementation of metal inlay





## **FRAGMENT REATTACHMENT IN 22**

**Pre-operative clinical  
photograph**



**Fragment stored in saline**



**Rubber dam isolation performed**



**Pre-operative radiographs with working length and  
master cone**



**Post-obturation  
radiograph**

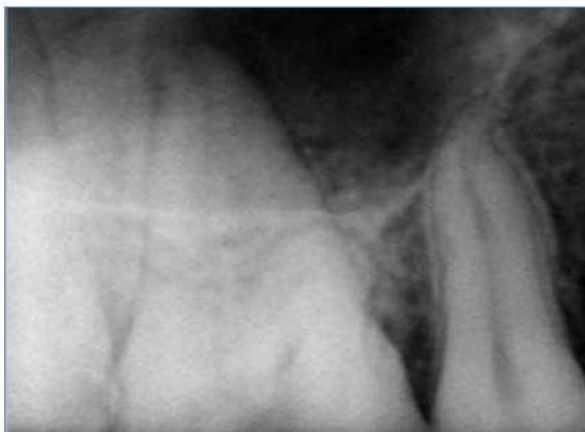


**Post-operative clinical  
photograph**



# MANAGEMENT OF MAXILLARY FIRST MOLAR WITH TWO PALATAL CANALS

Preop radiograph



Working length



Master cone



Post-op radiograph



## CAST POST FOLLOWED BY PFM

Pre-op photograph



Pre-op radiograph



Post space preparation



Wax pattern



Cast post



Cast post fit on IOPA



Cast post cemented



Post PFM photograph



Post PFM crown radiograph

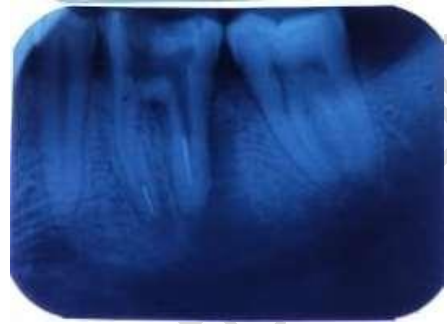


# INSTRUMENT RETRIEVAL IN MANDIBULAR FIRST MOLAR

Pre-op radiograph



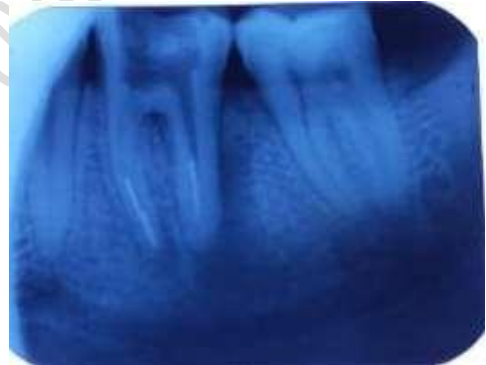
Separated 15K file in ML canal



Bypassed separated instrument



F1 Separated in the same ML canal



Both 15K file and F1 file retrieved from the canal



Post op radiograph

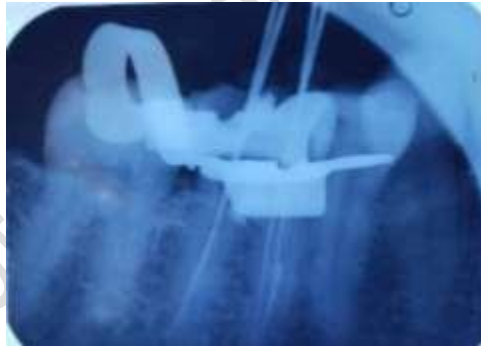


# MANAGEMENT OF SEPARATED INSTRUMENT IN THE MESIOLINGUAL CANAL OF MANDIBULAR FIRST MOLAR

Pre-op IOPA showing separated instrument with unobtured ML canal



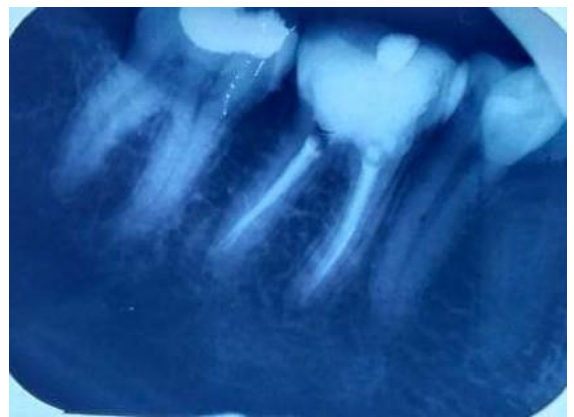
Separated instrument bypassed



Master cone IOPA



Post- op IOPA



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# **SURGICAL MANAGEMENT OF RADICULAR CYST IN 11,12,13 AND LATERAL PERIODONTAL CYST IN FUSED 22**

**Pre-op radiograph**



**Working length radiograph**





**Master cone radiograph**



**Post op radiograph**

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**Flap elevation**



**Exposure of the cystic site**



**Exposure of the cystic site**



**Retro-preparation followed by Biodentin placement**



**Suturing done**



# MANAGEMENT OF MANDIBULAR MOLAR WITH RADIX

**Preoperative  
radiograph**



**Working length**



**Master cone**



**Master cone with  
shifted angulation**



*Endodontics*



**Post-op IOPA with shifted angulation**



Department of Conservative Dentistry CDCRI