



Libyan International Medical University

# Comprehensive treatment - Full Mouth Rehabilitation case

By

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# Personal Data

Name : A . N . A

Age : 60 years (30/03/1958)

Gender: Female

Nationally : Libyan

Occupation : house wife

Material & Society : mother

# Chief complaint & History of Chief complaint

## **Chief complaint :-**

pain in the lower front left side since 2 days

## **History of Chief Complaint:-**

moderate to severe , continues throbbing pain in the lower anterior left side since 2 days , exacerbated by sweet and cold drink , pain grade 7 from 10 cause sleep disturbance and relief by ketofan 4 tab per day , headache , no swelling , no sins , no associated phenomena .

Medical history : N.O.S

Drug history : N.O.S

Allergic history : N.O.S

Family history : her mother was diabetic

Social history : married , Mother of six daughters and four sons , Not smoker neither alcohol drinker or drug abuser.

# Dental history

last visit 1 year ago for extraction , without complication

## **Oral hygiene practice :**

Brushing : once a day regularly

Brushing method : horizontal and vertical

# Extra-oral examinations

Lips : competent .

No swelling or sinus .

Symmetrical face with no facial deformity

Skin : NAD .

TMJ status :

examination reveals no clicking, crepitation, limitation or deviation of mouth opening, with no masticatory muscles tenderness.

Lymph nodes :

not palpable , neither tender .

# Intra-Oral Examination:

- No halitosis
- Fair oral hygiene
- Tongue : NAD
- Cheek : NAD
- Floor of the mouth : NAD
- Oral mucosa and tongue : NAD






# Dental Chart

UR 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8UL

M	D	M	D	D		D	D				D	D	M	D	M
M	D	M	M	M							D	M	M	M	M

Caries: D      Filling: F      Extracted or Missing: M      Recurrent caries: RC      Crown: CR  
 Endo: RCT      Remaining Root: RR      Mobile Tooth (Grade): I, II, III      Bridge: [.....]      Implant: I  
 Partially Erupted: PE      Non-vital: NV      Fracture Tooth: #      Tooth substance loss: TSL

Clinical examination for the offending tooth  revealed badly decayed tooth . Which is not tender to vertical percussion , but sensitive to ethylene cold test and not tender to palpation .

## Differential Diagnosis of Chief Complaint:-

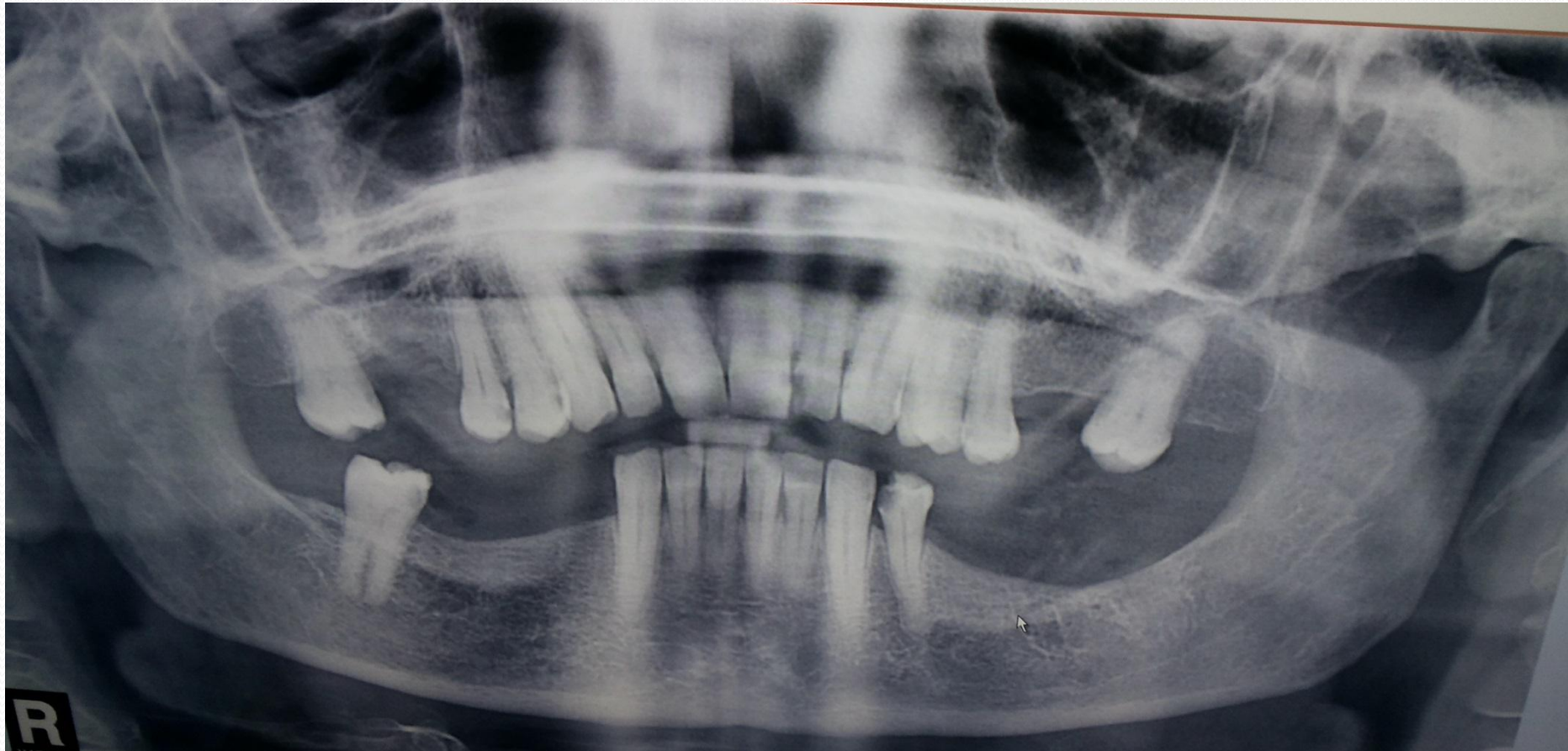
- Acute irreversible pulpitis
- reversible pulpitis

## Intraoral Periapical radiograph:-

IOPA on the lower left 4 showe large radiolucent area in the crown proximal to the pulp , normal per apical area and slightly waidding in PDL space



# Extra Oral Orthopantogramic Radiograph



# Periodontal health

- Normal gingival reddish pink color , with normal scalloped margin and There is normal stippled gingivae, exhibit some gingival oedema with blunt IDP.
- There is generalized bleeding on probing .
- Probing depth with a range from 0.5 to 3 .
- Lose of attachment 1 to 3 mm .
- There is a recession .
- No mobility .



## Final diagnosis : -

1. Acute irreversible pulpitis

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1. dentinal caries

7	4
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1. 3- generalized mild to moderate chronic periodontitis with generalized horizontal bone loss

2. 4- canady class 2 M (1) in lower, class 3 M (1) in upper



# Treatment plan

**Emergency phase** : pulp extirpation

**Phase I** : O.H instruction , scaling & root planning

Reevaluation of phase I

**Phase II** :

**Phase III** : restoration

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7	4		4

, RCT

Post core and PFM Crown

	4			6	6
				6 54	567

**Phase IV** : reevaluation

, RPD

# Emergency phase :

- Pulp extirpation and estimation of working length



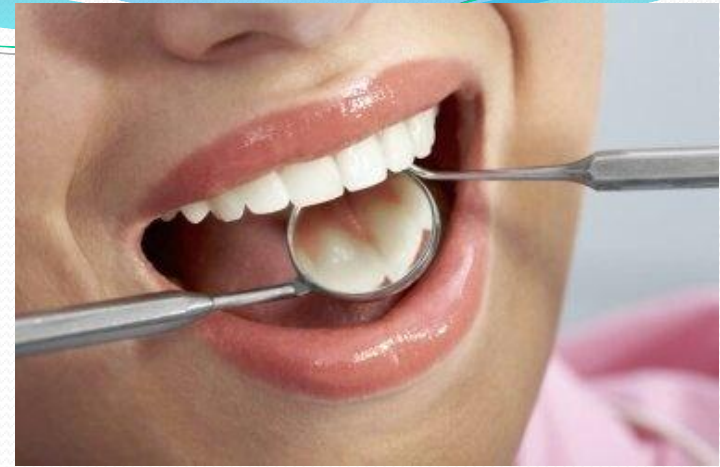
# Phase I



- O.H instruction , full prio chart , scaling & root planning , Reevaluation of phase I , diet sheet



# Re-Evaluation



- Reevaluation of phase I
- P.t was satisfied and the inflamed gingiva is decreased.
- No plaque or calculus present .
- Probing depth is decreased .
- Attachment lose decreased with in 0.5 to 1 mm gaining attachment

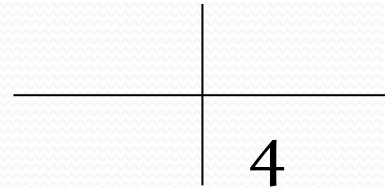
# Phase II

- Surgical phase which is Not indicated in this case

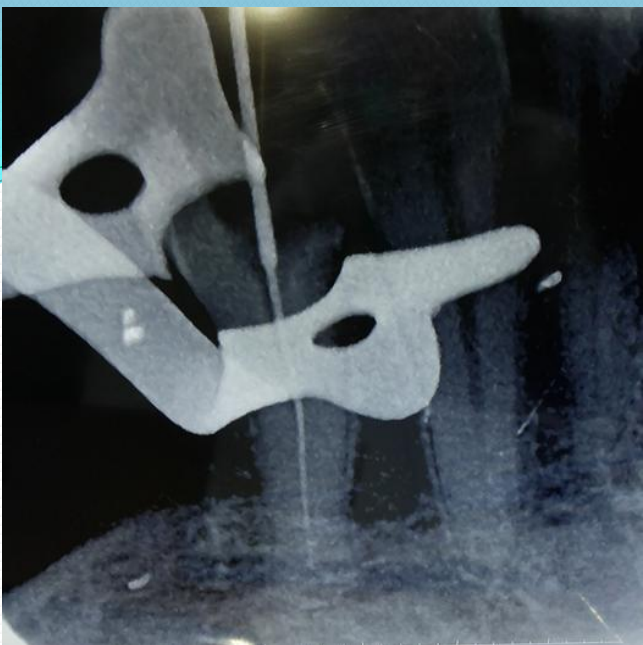
# Phase III

## Part 1 Restoration of carious teeth .

- RCT for the complaining tooth
- Final working length (23mm) – cleaning and shaping with pro taper file
- Obturation with (F2 GP) and G.I.C resoration







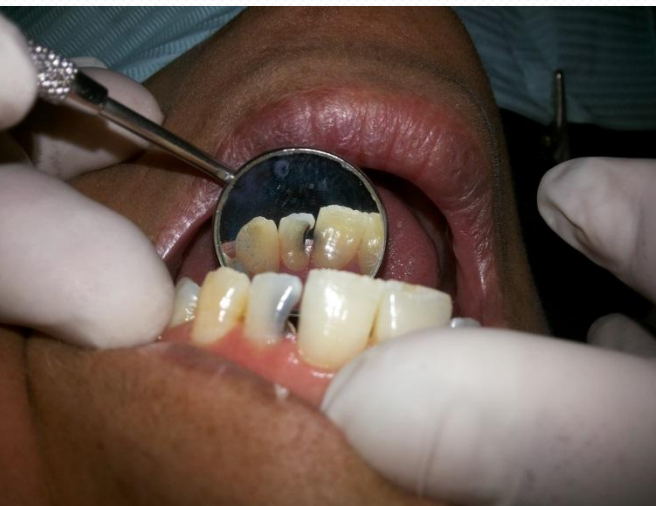


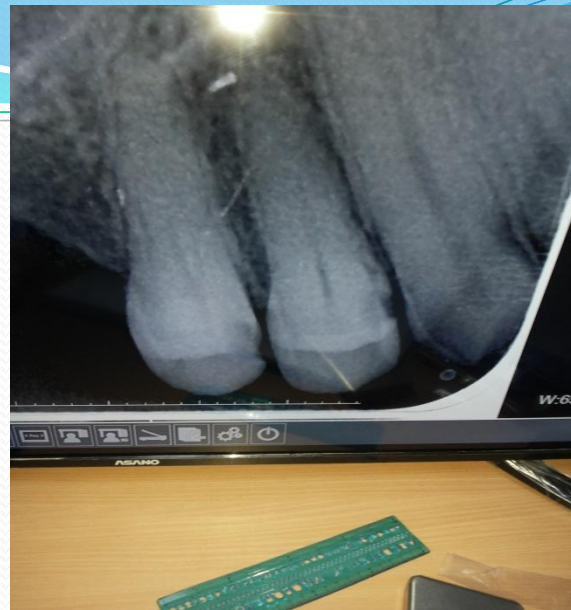
- Restoring of decayed teeth

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## part 2 transient RPD for upper and lower

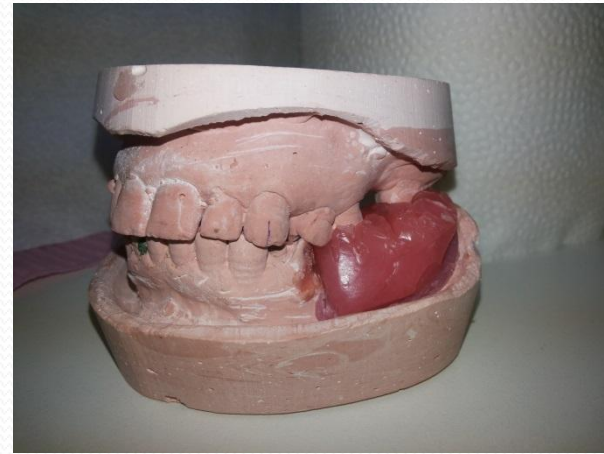
- Primary alginate impression of upper and lower arch



- Final impression for the lower arch



- jaw relation , bit registration , shade A2



# Try in





# Insertion



# Part 3 Post core crown for the RCT tooth

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# • Post preparation



# Cementation of fiber post



# Core build up



# Crown preparation



# Temper crown



# Final impression



- using double mix .  
one step technic





# Metal try in



# Shade selection

- Was A2



# Incomplete setting of the crown

- due to over contour of the proximal contact



# After the adjustment

- The crown was completely setting



# Trial cementation



# Final cementation

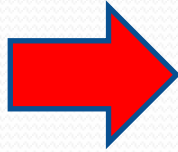


# Phase IV

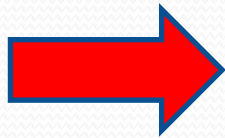
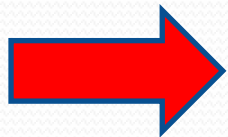


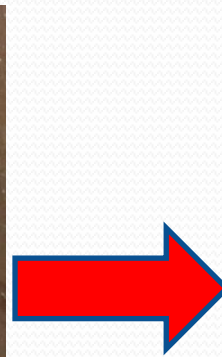
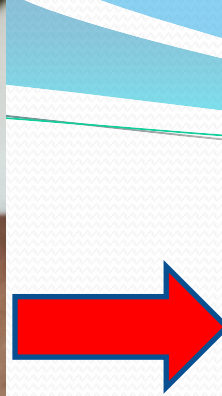
**Caution**  
**Maintenance in  
progress**

- recall and Follow up for maintenance
- Reevaluation
- Gingival health within normal , no signs of inflammation or active disease.











Thank You