



Libyan International Medical University



Comprehensive case presentation

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- ▶ **Pateint name s.m.a**
- ▶ **AGE 20.**
- ▶ **Gender femal**
- ▶ **Nationalty : Libyan**
- ▶ **Occupation, studint**

Chief complaint

- ▶ Bleeding from the gum in the lower & upper arch since 3 years
- ▶ History of chief complain:
- ▶ Moderate to sever , sometimes spontaneous, increase with tooth brushing & sometimes with eating , last for few min, no history of trauma or epistaxis , brusies ,not present in the family ,& no anticoagulant taking

- ▶ Medical History: fit and well
- ▶ Drug history: no drug's taking
- ▶ Allergic history ;no allergy
- ▶ Dental history 1st visit in 2\12\2017
- ▶ Family history :free
- ▶ Social History , single , tooth brushing not regular

Extra_oral examination

- ▶ Face symmetry: symmetrical
- ▶ Skin color: normal

T.M.J HEALTH

- ▶ 1. tenderness _ ABSENT
- ▶ 2 clicking(crepitus) ABSENT
- ▶ 3. SUBLUXATION_ ABSENT.
- ▶ 4 JAW ROATAION (DEVIATION) ABSENT
- ▶ Lymph node _ Not Palpable

Intra _oral examination

- ▶ Oral Mucosa , normal
- ▶ * Bilateral Leukodema

Intra_Oral Examination

Dental status

- ▶ Teeth present

8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8 p.e L
Pe 8 7 6 5 4 3 2 1	1 2 3 4 5 6 7

- ▶ Restored teeth: non
- ▶ Missing teeth : no missing teeth

Intra_Oral Examination Dental status

► *Carious teeth in the upper arch*

8	7	6	5	4	3	2	1			1	2	3	4	5	6	7	8		
	D	D	D				D	D			D					D	D		



Intra_Oral Examination

Dental status

► *Carious teeth in the LOWER arch*

P.E	D	D										D	D						
8	7	6	5	4	3	2	1					1	2	3	4	5	6	7	8



Gingival status

Before OHI



Plaque Index

16	11	26
3	3	3
3	3	3
46	31	36

Calculus Index

16	11	26
1	1	2
2	2	2
46	31	36

Gingival status



Gingival status



- ▶ **Color : reddish pink**
- ▶ **Size : enlargement in the lower anterior area**
- ▶ **Stippling : absent**
- ▶ **Position : upper at CEJ, Lower coronal to CEJ**
- ▶ **Bleeding : positive**
- ▶ **Exudation : present in the lower Anterior teeth**

Gingival status

- ▶ ***ADEQUACY OF ATTACHED Gingiva :ADEQUETE***
- ▶ ***Fremitus Test: no Trauma From occlusioin***
- ▶ ***Frenal Attachment :normal***

Differential diagnosis of chief complaint

- ▶ **1 Generalized marginal chronic periodontitis**
- ▶ **2 Localized moderate Chronic periodontitis**
- ▶ **3 puberty Gingivitis**

PREIODONTAL STATES in the maxilla and mandible

- ▶ *_ No clinical attachment loss in the maxillary teeth*
- ▶ *_ in the mandible there is CAL+ range from 3 to 4 IN the lower central incisor & 2nd molar*
- ▶ *Probing depth in general range from 4 to 8*

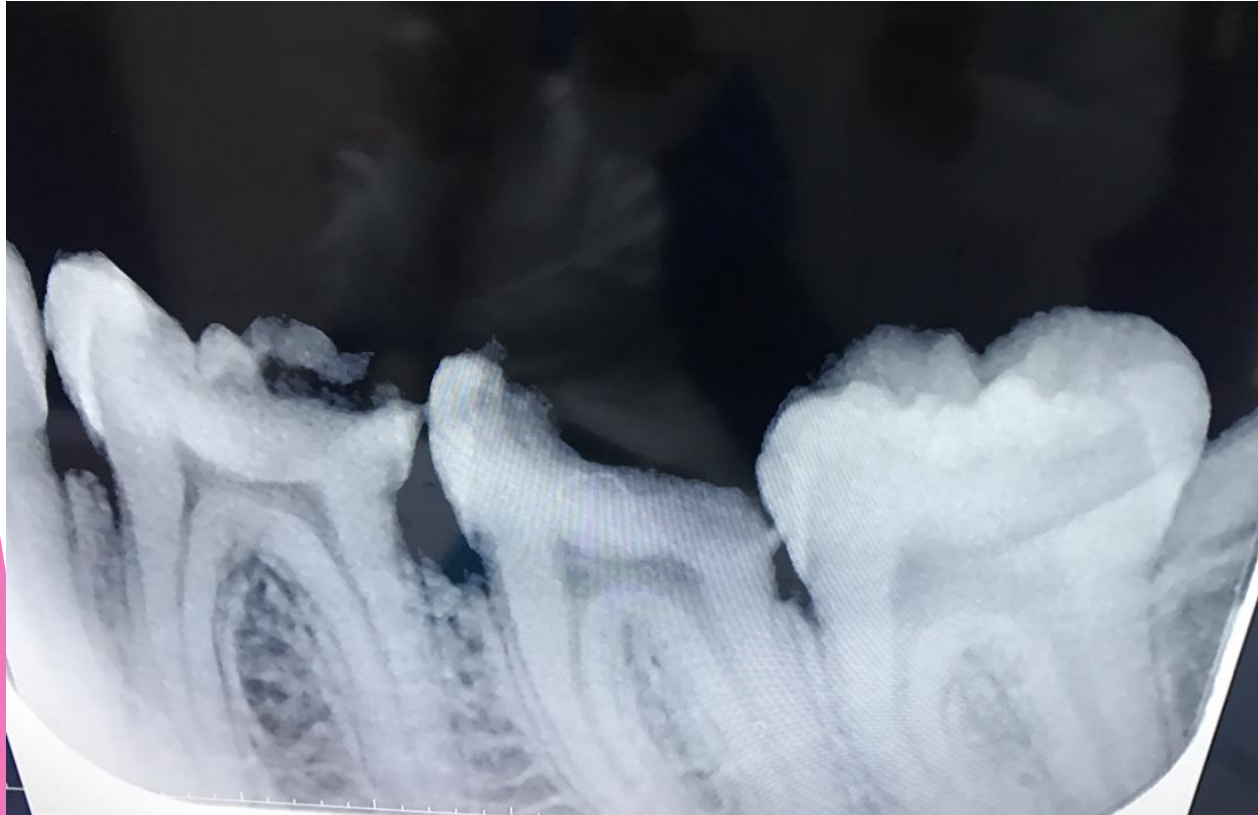
Investigations (special test)

- ▶ **1 Extra oral Orthopantomogram**
- ▶ **2 IOPA X ray**

OPG



IOPA X ray



Final diagnosis

- ▶ ***-1 Localized moderate Chronic periodontitis***
- ▶ ***2 Dental caries***
- ▶ ***3 Badly decayed upper right 7***

the 1st treatment plane

▶ 1 : OHI, patient education & scaling & root planing

2 l: extraction of 7

▶ Gingivectomy

▶ Restorative phase 4 restor

▶ Referral 7 to endodontist

▶ Revaluation

▶ Prosthetic phase: post , core & crown for lower 6,7

▶ Referral of the case to orthodontic's to start orthodontic treatment

▶ THIS TREATMENT Plane had to change due to over eruption of the opposing teeth , no enough space for crown need to be referred to orthodontist for orthodontic intrusion

▶ And the pt refused to extract upper 7 at the start

6 5 1	1 6 7
7	6 7

Final treatment plane

- ▶ 1 OHI pt Education & scaling & root planing
- ▶ 2 Gingivectomy
- ▶ Restoration of
- ▶ Extraction of upper right 7
- ▶ 4 referral to orthodontic for intrusion
- ▶ Prosthetic phase , post and core and crown for 6 and 7
- ▶ Referral to complete orthodontic Treatment

6 5 1	1 6 7
7	6 7

Treatment plane phase one therapy

- ▶ OHI PT EDUCATION , SCALION AND ROOT PLANING and diet counselling







2 _ Orthodontic consultation

- ▶ **Upper& lower fixed appliance**

Phase 2 surgical phase

- ▶ Gingivectomy for upper and lower anterior teeth and applying perio pack
- ▶ Instrument used



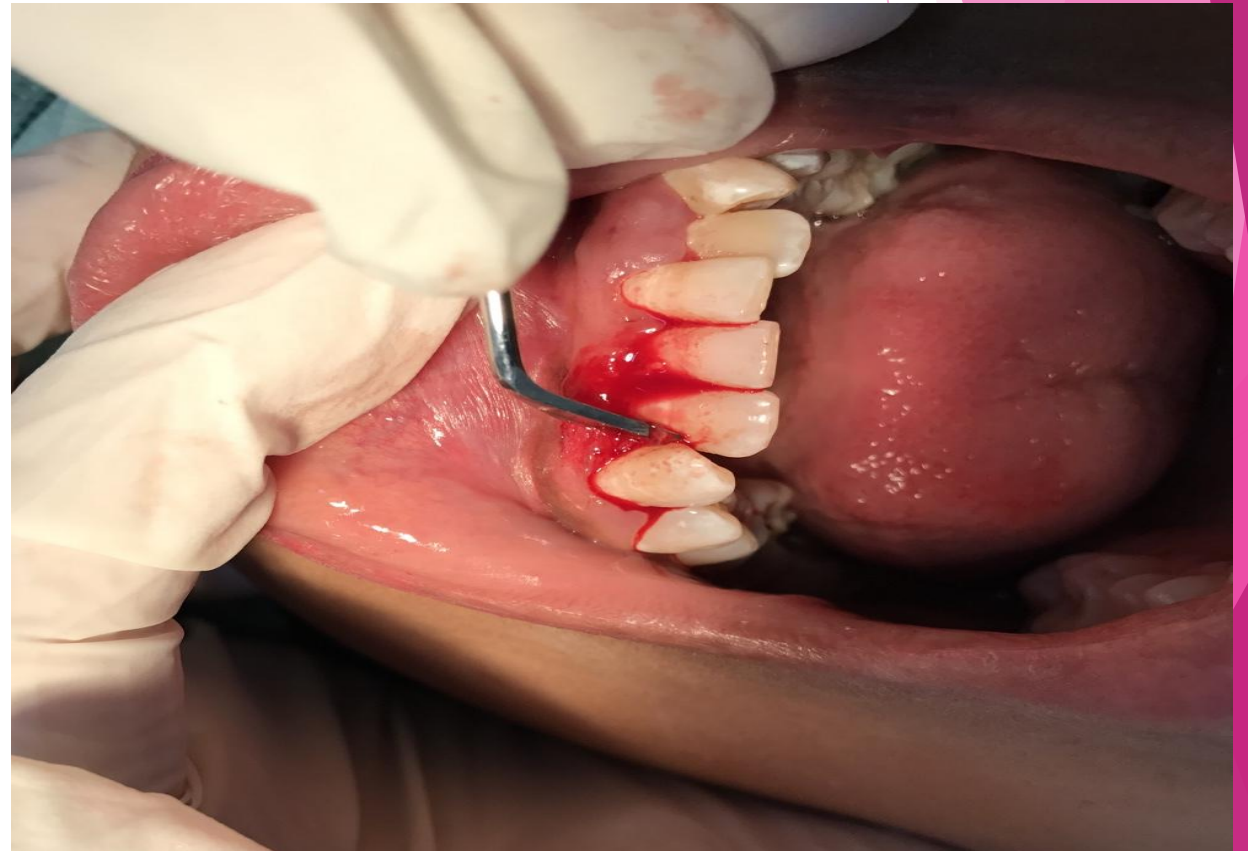
Gingivectomy of lower Anterior



Gingivectomy of lower Anterior



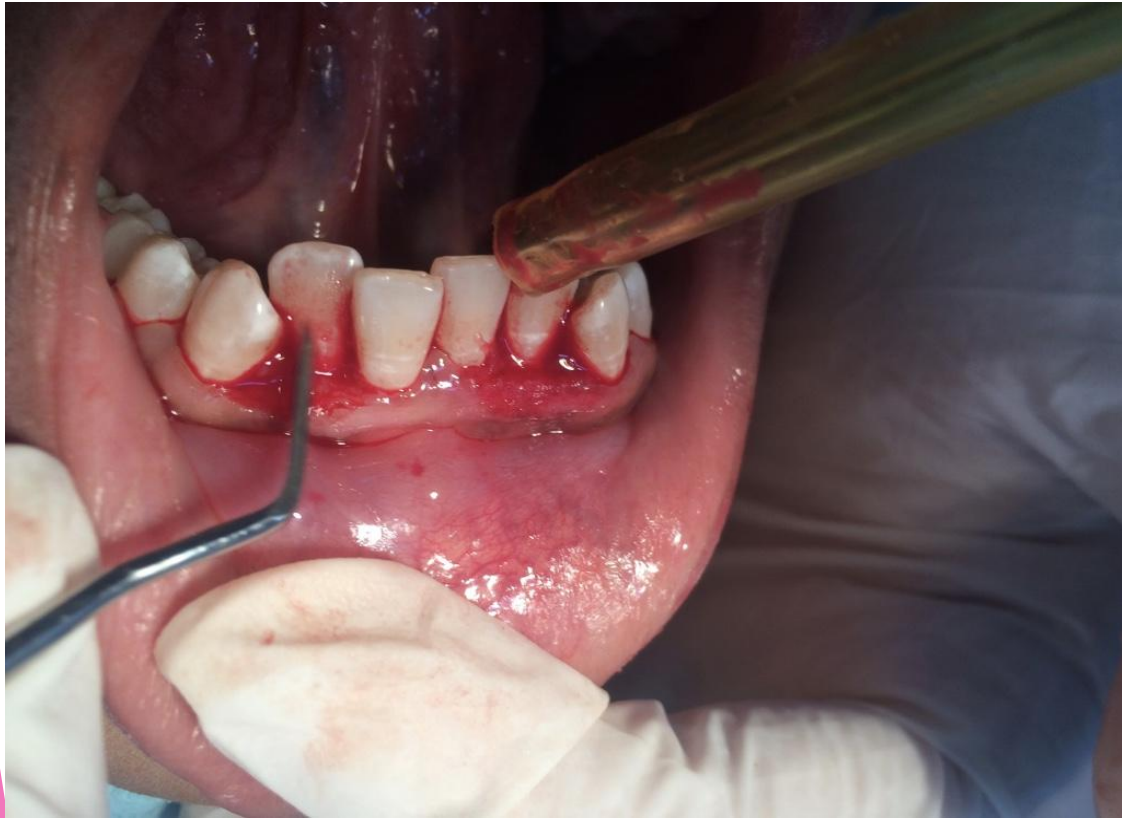
Gingivectomy of lower Anterior



Gingivectomy of lower Anterior



Gingivectomy of lower Anterior



Gingivectomy Upper Anterior



Gingivectomy Upper Anterior



Applying perio pack



Restorative phase

- ▶ Remove of occlusal caries of the upper right
- ▶ Restoring with composite A1 _Finishing and polishing



Re_Evaluation of the periodontal condition Followed by scaling and root planing

- ▶
- ▶ Decrease in the clinical attachment loss by 1 mm
- ▶ Reduction in the plaque index
- ▶ general Reduction in the probing depth : range from 4 to 6
- ▶ Calculus index is zero
- ▶ General improvement



Scalling & Root Planing



Restorative phase

- ▶ IDPC 7
- ▶ Recall After 3 week's
- ▶



Restorative phase

- ▶ Cares Excavation Upper left 6 Class i
- ▶ Composite , finishing & polishing



Composite restoration to Upper right 7



Restorative phase

Restoration of

1 1



Composite restoration lower lift 7



SINGLE VISIT ROOT CANAL TREATMENT

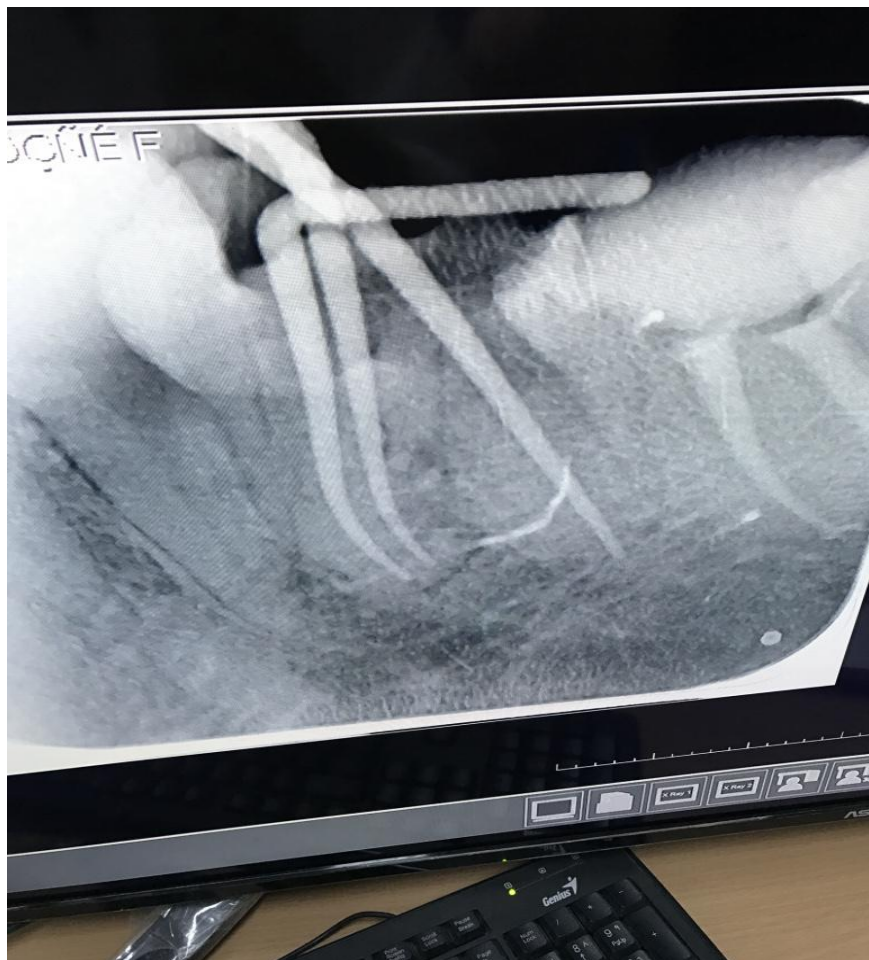
Access cavity preparation

Taking w.l

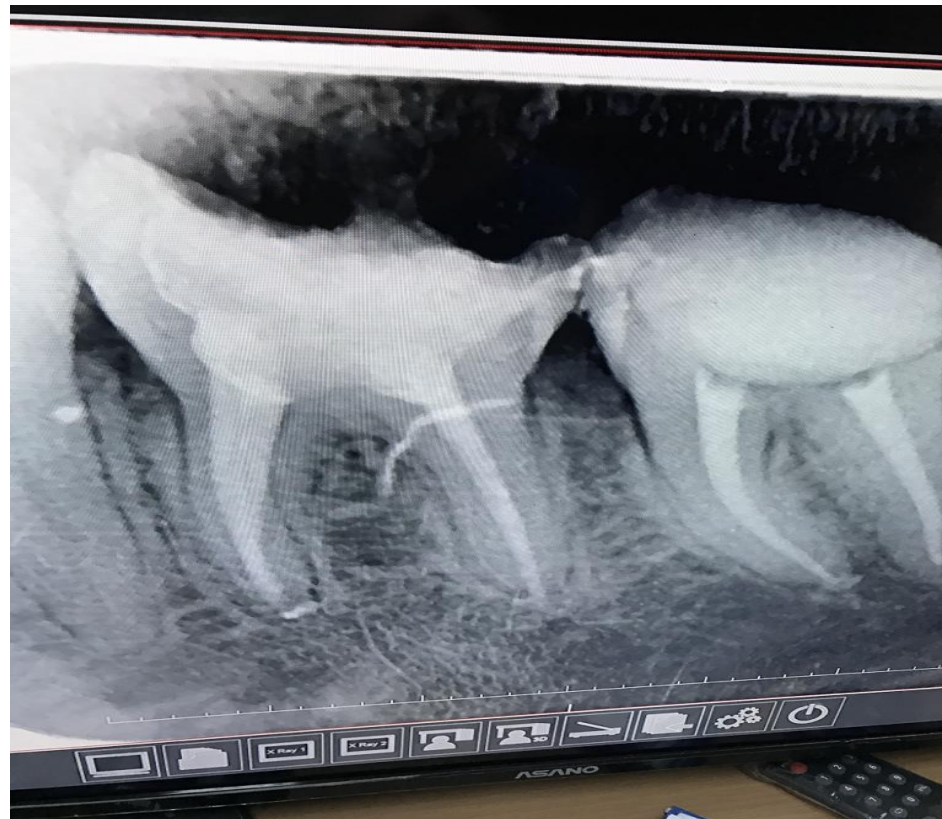
Biomichanical preparation with rotary



Master cone



Obturation
GP 35
GIC



Consultation for upper

7

Teeth is badly decay (need extraction) & the patient has agreed





Mintance phase

- ▶ *Scaling & Root planing*

Prosthetic phase

- ▶ *NO POST IS Indicated due to over eruption of the opposing teeth need's Orthodontic Intrusion by 2 mm using orthodontic implant then start the prosthetic phase*

Daignostic Cast

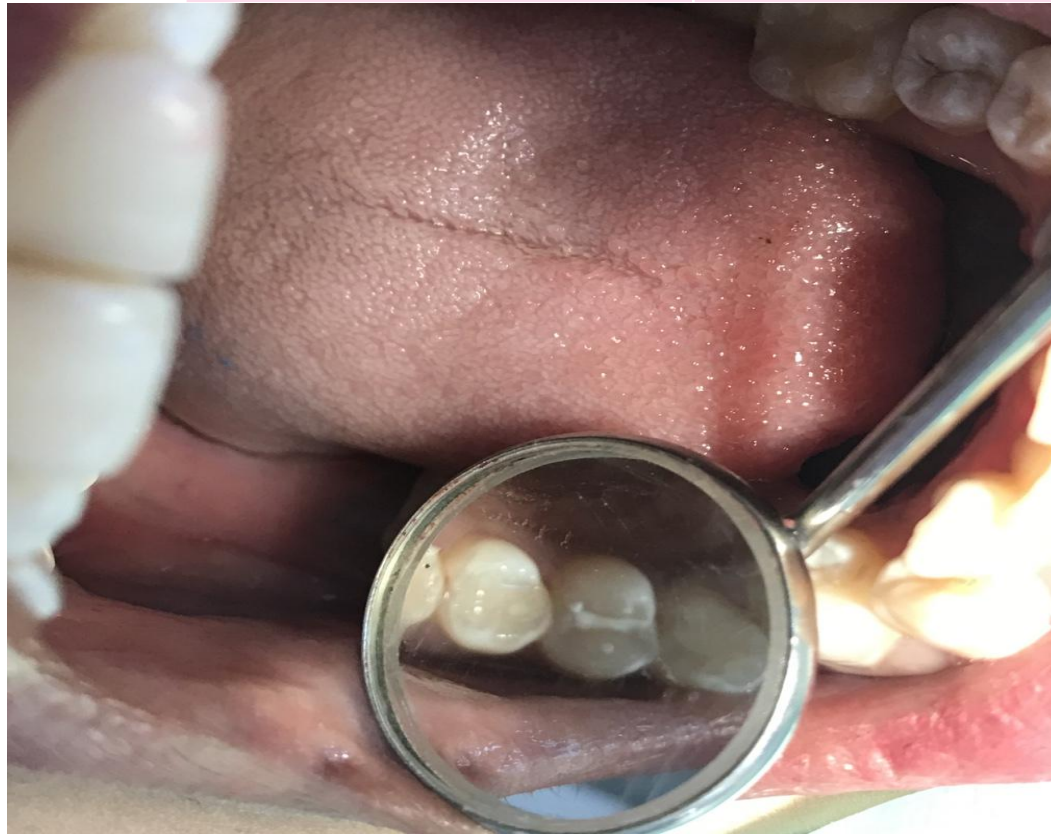


Other Treatment option's

- ▶ Enamel plasty
- ▶ ENDO FOR THE UPPER 6 & POST & CRWON
- ▶ Crown lengthening to the lower 6

Pit & fissure sealant

4	4
6	



Final photo's















Thank you

