Comprehensive treatment presentation

Presented by:
Fatma Jamal ELbshari
No. 780
Pt name: M.A.A
D.O.B: 25/4/1984
Gender: Male
Nationality: Libyan
Occupation: Accountant
Address: almajory
Chief complaint and history of chief complaint:

- **C.C:**
  Patient came to restore broken restoration on upper right tooth. It was broken since one month.

- **H.C:**
  The tooth was RCT treated since one year and filled with composite restoration which was broken during eating since one month.
  No history of pain or swelling.
  No other signs or symptoms.
Medical history: N.O.S

Drug history: N.O.S

Allergic history: N.O.S

Family history: Mother is hypertensive and diabetic.
- History of **extraction**, with no complication more than one year ago.
  - **RCT** with no complication since one year.
Oral Hygiene Practice

- **Brushing**: regularly twice a day.
- **Brushing method**: Horizontal
- **Any other orophysiotherapeutic Aids**: No
- **Kind of Dentifrice used**: crest
SOCIAL HISTORY

- Single
- Smoker *(10 cigarettes /day)* for 18 years
- No alcoholic, or drug abuser.
- No hereditary diseases running in the family.
CLINICAL EXAMINATION
Pt. is fit & healthy, with symmetrical face, no palpable neither tender L.N.

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

The Lips are competent.
## Dental chart

<table>
<thead>
<tr>
<th>8</th>
<th>7</th>
<th>6</th>
<th>5</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>M</td>
<td>D</td>
<td>RC</td>
<td>D</td>
<td>D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>D</td>
<td>M</td>
<td>M</td>
<td>M</td>
</tr>
<tr>
<td>M</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>M</td>
</tr>
</tbody>
</table>

**DMFT 7**

**O.H.I 2.7 FAIR**
Periodontal health

- Normal collar pink gingival colour, with scalloped margin and blunt end IDP.
- Normal stippling is present.
- P.D within normal except UL7 which is 4mm calibrated by universal probe.
- A.L related to LR1,2,3
- Supra and sub gingival calculus related to lower anterior quadrant.
- Recession related to LR1,2,3
- No mobility
- Positive bleeding on probing
- No exudates
Provisional diagnosis

- According to the offending tooth UR5, which is the C.C of the P.T and after clinical examinations that reveals no tenderness neither swelling, the provisional diagnosis will be fractured composite restoration.
Investigations – Intraoral periapical radiograph
Final diagnosis & findings

- fractured composite restoration related to the RC treated UR5.

Findings:
1. Dental carious teeth UR2,3,6 –UL5
2. Missing teeth UR7,UL6
3. Missing all 3rd molars
4. Generalized mild to moderate chronic periodontitis
Ortho panoramic radiograph
Treatment options and plan selected

- Phase I therapy:
  - p.t motivation & education
  - O.H.I
  - scaling & root planning
  - evaluation of phase I therapy
Phase II:

Extraction of UL5

But the p.t refused the ttt plan, he won’t to extract more teeth, so together decided to try to preserve the tooth, and So phase II was cancelled.
Phase III:

- Restoration of UR2,3,6
- RCT FOR UL5 and custom made post & core & crown
- RCT Retreatment of UR5 and custom made post & core & crown
Phase IV:

- Maintenance after 6 months.
Intra oral photographs
Intra oral photographs
Intra oral photographs
Intra oral photographs
Intra oral photographs
Intra oral photographs
## Phase I – Diet Sheet

<table>
<thead>
<tr>
<th>Meal</th>
<th>Ezekiel's Diet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breakfast</td>
<td>Toast + 2 eggs</td>
</tr>
<tr>
<td>Lunch</td>
<td>1 plate of vegetables</td>
</tr>
<tr>
<td>Dinner</td>
<td>1 plate of vegetables + 2 sausages</td>
</tr>
</tbody>
</table>

**Notes:**
- Ezekiel followed a plant-based diet for his initial phase of the diet plan.
Phase I – Scaling before & after
Phase I – Scaling before & after
Phase I – Scaling before & after
Phase I – Scaling before & after
Restoration of UR2
Restoration of UR2
Restoration of UR3
Restoration of UR3
Restoration of UR6
Phase III – RCT for UL5 – preoperative periapical radiograph
Phase III – RCT for UL5
Phase III – RCT for UL5 – COMPLICATION
Phase III – RCT for UL5 was cancelled to be extracted
Phase III – restoration of UR5

Clinical photo (before)
Retreatment
Primary impression
Diagnostic casts
Wax-up
Post space preparation
Final impression for post space
Temporary post cementation
Putty index
Temporary post and core
Temporary post & core cementation
Metal try In of custom made post & core
Metal try In of custom made post & core
Temporary crown
Final impression
Final impression
Metal try-in of PFM crown –
Metal try of PFM crown – marginal integrity
Metal try of PFM crown- occlusal adjustment
Shade selection
PFM before shade adjustment
Temporary cementation
Final cementation
Final cementation
Recall after one week
Phase III – RPD – primary impression
Shade selection
Insertion
Insertion
Before & After
Thank you