

DEN 491
Comprehensive Clinical Dentistry
1428-1429 H (2007-2008)

Clinical Case Presentation and Report Writing

Case presentation: Discuss a clinical challenge; describe the clinician's methods for meeting a patient treatment challenge.

Each student is required to present one of his clinical cases to the class by the end of the second semester of the academic year.

Objectives

- To help the student to professionally formulate a problem list for a patient and to discuss different treatment options.
- To expose the students to varieties of clinical conditions.
- To improve the students' skills in lecture presentations.
- To allow the students to participate in discussion of dental diagnosis and different treatment plan options.

Preparation Guidelines

- One of the completed cases should be selected by the student for the presentation.
- Students should collect all clinical data, radiographs, mounted diagnostic casts and clinical photographs of the clinical case before, during and after completion of the dental treatment.
- Students should mention the diagnosis of the case, the develop problem list and the different treatment options. The selected treatment option should be defended and the rendered treatment procedures should be described in details.
- A written report should be submitted. It should be no longer than 4 to 5 double-spaced, typed pages. A reasonable number of illustrations should be included.
- The class will be divided in groups and each group will have a faculty member to help the student to prepare the presentation and the report.
- 15 minutes will be allowed for each student (10 minutes for the case presentation and 5 minutes for the case discussion.)

Grading

- The quality of presentation, knowledge of student and his/her response during case discussion are considered in evaluation by 3 attending faculty members.
- The case presentation will constitute 10% of the 491 DEN final grade.

A Case Presentation (report) should describe

- the patient's problems
- any relevant medical or dental background
- the various treatment options
- the reasons for selection of the chosen treatment
- Fully describe the treatment rendered
- Complications
- Prognosis

Structuring a Case Presentation

I. Information Gathering:

A. Patient History

- 1- Demographic Data .
- 2- Chief Complaint and History.
- 3- Medical History.
- 4- Family History.
- 5- Past Dental History.
- 6- Patient Attitude.
- 7- Dental care habits and Diet Analysis.

B. Clinical Examination

- 1- Extra oral Examination:
 - a. Regional Lymph Nodes
 - b. Major Salivary Glands
 - c. Temporomandibular Joint
 - d. Muscles of Mastication
 - e. Lips (tooth exposure)
- 2- Intra oral Examination:
 - a. Soft tissues.
 - b. Gingiva & Periodontium.
 - c. Dentition.
 - d. Occlusion.
 - e. Oral Hygiene.

C. Radiographic Examination

D. Supplementary Examinations

1. Percussion test
2. Palpation test
3. Thermal test
4. Mounted Diagnostic Cast
5. Biopsy

II. Analyzing the Gathered Information and Diagnosis:

Etiology
Diagnosis
Problem Lists for Patients
Patient needs
Priority and Urgency
Treatment Objectives
Treatment Option
Prognosis.

III. Treatment planing:

Phase I: Emergency.
Phase II: Disease Control
Phase III: Definitive Treatment
Phase V: Maintenance

IV. Treatment and Management

Complications (if any) should be mentioned.