

King Abdulaziz University
FACULTY OF DENTISTRY

Pediatric Dentistry Division

Students self evaluation

Clinical competency for examination & treatment planning

Student..... Year Patient

File # date Instructor signature.....

1= unsatisfactory 2= minimally competent 3= competent 4= outstanding

A. Patient's Personal Data

B. Patient's Systemic and Dental Health Evaluation:

- | | | | | |
|--|---|---|---|---|
| • All questions on the medical history answered. | 1 | 2 | 3 | 4 |
| • All questions on the dental history answered. | 1 | 2 | 3 | 4 |

C. Clinical Examination

- | | | | | |
|--|---|---|---|---|
| 1. Head and neck | 1 | 2 | 3 | 4 |
| 2. Soft Tissue Evaluation: Gingiva, mucosa, etc. | 1 | 2 | 3 | 4 |
| 3. Oral hygiene | 1 | 2 | 3 | 4 |

D. Occlusion and Orthodontic Evaluation

- | | | | | |
|--|---|---|---|---|
| 1. Skeletal and soft tissue relationships (concave, convex, straight) | 1 | 2 | 3 | 4 |
| 2. Dental relationship | | | | |
| a. Molar relationship | 1 | 2 | 3 | 4 |
| b. Cuspid relationship | 1 | 2 | 3 | 4 |
| c. Midline relationship | 1 | 2 | 3 | 4 |
| d. Open-bite, overbite, overjet | 1 | 2 | 3 | 4 |
| e. Cross-bites | 1 | 2 | 3 | 4 |
| 3. Habits | 1 | 2 | 3 | 4 |
| 4. Arch space | 1 | 2 | 3 | 4 |
| 5. Eruption sequence | 1 | 2 | 3 | 4 |
| 6. Summary of orthodontic relationships and recommendations for treatment: | | | | |
| a. Mixed dentition analysis | 1 | 2 | 3 | 4 |
| b. Study models | 1 | 2 | 3 | 4 |
| c. Cephalometrics | 1 | 2 | 3 | 4 |
| d. Consultation | 1 | 2 | 3 | 4 |
| e. Referral | 1 | 2 | 3 | 4 |

E. Dental Charting:

- | | | | | |
|-----------------------------|---|---|---|---|
| 1. Teeth present or absent | 1 | 2 | 3 | 4 |
| 2. Existing restorations | 1 | 2 | 3 | 4 |
| 3. Presence of dental decay | 1 | 2 | 3 | 4 |
| 4. Fractures | 1 | 2 | 3 | 4 |
| 5. Developmental anomalies | 1 | 2 | 3 | 4 |

F. Considerations for Radiographic Diagnosis:

- | | | | | |
|---|---|---|---|---|
| a. Be sure films are mounted properly. | 1 | 2 | 3 | 4 |
| b. Correspond films with clinical charting while diagnosing. | 1 | 2 | 3 | 4 |
| c. Completing the following steps in order will aid in securing a comprehensive diagnosis: | | | | |
| 1. Examine the quality of the bony structure. | 1 | 2 | 3 | 4 |
| 2. Examine the number of teeth present. | 1 | 2 | 3 | 4 |
| 3. Examine the stage of development and eruption. | 1 | 2 | 3 | 4 |
| 4. Examine the position of the teeth. | 1 | 2 | 3 | 4 |
| 5. Then examine each tooth and area for carious lesions, developmental disturbances, external and internal resorption, etc. | 1 | 2 | 3 | 4 |

G. Considerations for Treatment Planning:

- | | | | | |
|--|---|---|---|---|
| 1. Prevention of caries is emphasized in initial appointments. | 1 | 2 | 3 | 4 |
| 2. QUADRANT dentistry is one of the main emphasis points. | | | | |
| A. Handle emergency situation first if patient present with emergency should be treated. | 1 | 2 | 3 | 4 |
| B. Keep the first restorative appointment relatively simple to introduce the child to operative procedures as easily as possible | 1 | 2 | 3 | 4 |
| C. The second operative appointment should start with those procedures most needed. | 1 | 2 | 3 | 4 |
| D. Proceed with treatments in most logical order. Eg., no bimaxillary blocks, etc. | 1 | 2 | 3 | 4 |
| E. Last appointment is for polishes, pit and fissure sealant, and bitewings, if applicable. | 1 | 2 | 3 | 4 |
| 3. Appliances will be left until after all operative has been completed in that arch. Band adaptation may take place earlier. | 1 | 2 | 3 | 4 |
| 4. The recall period of 3 to 6 months. | 1 | 2 | 3 | 4 |

If student receives a 1 in any category, it will constitute a failure.

☐ Fail

☐ Pass

Failure to:

1. Be familiar with the health questionnaire = a grade of "1"
2. Recognize - skeletal and soft tissue relationship = a grade of "2" or less
3. Recognize - molar relationship, obvious presence of a habit, pathology of soft or hard tissue (not including pit caries) = grade of no more than "2".
4. Properly summarize the data and make proper recommendations for treatment = a grade of no more than "2".
5. Recognize apparent dental caries including pits and fissures and defective restorations = a grade of "2" or below.
6. Mark teeth that are present grade of "2" or less.
7. Incorporate recommended orthodontic procedures in their proper place = 2 or less
8. Utilize the quadrant approach = 2 or less
9. Note contra-indicated treatment or drugs = 1
10. Formulate an organized, logical sequence of treatment: initial attempt = 3; second attempt = 2; other = 1