

SYLLABUS

COURSE: CLIN 3007 Oral Surgery Clinic
SEMESTER: Fall/Spring
CREDIT HOURS: 2.0

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GOAL

CLIN 3007 introduces the student to clinical oral surgery, which includes patient evaluation, diagnosis, treatment planning, and routine oral surgery procedures commonly employed in general dental practice.

The student will become familiar with basic armamentarium, nomenclature and function of various surgical instruments. He/she will learn the principles of aseptic technique and infection control in preparing the surgical team, the patient, and the surgical cubicle for oral surgery procedures. The student will develop skills in performing uncomplicated extractions, multiple extractions, alveoloplasty procedures, and routine suturing techniques.

Other areas of emphasis will include patient management, local anesthesia, prevention, recognition and management of intraoperative and postoperative complications, prevention and management of medical emergencies in the dental office, and postoperative patient management.

OUTLINE

- I. Preoperative Management
 - A. Knowledge
 - B. Case Presentation
 - C. Preparation
- II. Patient Management
 - A. Professionalism
 - B. Local Anesthesia
 - C. Patient Management Technique
- III. Infection Control
 - A. Aseptic Technique
- IV. Surgical Technique

CRITERIA TO ACHIEVE COMPETENCIES

I. PRIMARY COMPETENCIES

VI.11 Manage patients requiring oral surgical procedures.

Uncomplicated oral surgical procedures must be performed by students under the direct supervision of attending faculty.

Evaluation Criteria: Please refer to the Evaluation Methods section of this syllabus. Each patient encounter and surgical procedure will be evaluated and graded by attending faculty using the criteria listed under the following areas in that section:

- I. Case Presentation
- II. Patient Management
- III. Aseptic Technique
- IV. Surgical Technique

VI.17 Anticipate, prevent and manage complications of dental treatment.

Due to the nature and incidence of surgical complications, exposure in a clinical setting is not universally available to all students. Prevention of possible complications is emphasized. This section will also emphasize Anatomy, Physiology, Pharmacology and Pathogenesis of Disease.

Evaluation Criteria: Please refer to the Evaluation Methods section of this syllabus. Each patient encounter and surgical procedure will be evaluated and graded by attending faculty using the criteria listed under the following areas in that section:

- I. Case Presentation
- II. Patient Management
- III. Aseptic Technique
- IV. Surgical Technique

II. SECONDARY COMPETENCIES

I.1 Apply the process of informed consent that meets ethical and legal responsibilities.

Prior to the performance of any oral and maxillofacial surgery procedure, after pertinent medical and dental historical findings, clinical findings, radiographic findings, and diagnosis have been summarized, and treatment recommendations have been made, a written informed consent document should be completed, signed and placed into the patient record.

Evaluation Criteria: Please refer to the Evaluation Methods section of this syllabus. Each preoperative case presentation, including completion of the written informed consent, will be evaluated and graded by attending faculty using the criteria listed under the following area in that section:

- I. Case Presentation

- I.3 Provide humane, ethical and compassionate care to all patients.
The patient will be treated in a professional manner at all times.

Evaluation Criteria: Please refer to the Evaluation Methods section of this syllabus. Professional behavior will be evaluated and graded by attending faculty using the criteria listed under the following area in that section:

II. Patient Management

- III.1 Perform and monitor infection control and environmental safety measures according to current standards.

Aseptic technique, consisting of proper presurgical scrub, disposable surgical gowns, sterile disposable surgical gloves, surgical cap, surgical mask, appropriate eye protection, sterile surgical instrument packs, and sterile drapes and barriers will be utilized for all surgical procedures to minimize the risk of disease transmission (1) from members of the operating team to the patient, (2) from the patient to members of the operating team, and (3) from one patient to another via contaminated instruments, armamentarium, or surfaces.

Evaluation Criteria: Please refer to the Evaluation Methods section of this syllabus. Aseptic technique will be evaluated and graded by attending faculty using the criteria listed under the following area in that section:

III. Aseptic Technique

- III.5 Establish and maintain patient records

Every patient record should document current medical history, clinical examination findings, differential diagnosis, therapeutic indications and a logical sequential treatment plan. Current diagnostic radiographs, when indicated should be available in the chart. A written informed consent should be completed, signed and placed in the patient record prior to any surgical procedure. The progress notes should document pertinent detailed information for each patient visit.

Evaluation Criteria: Please refer to the Evaluation Methods section of this syllabus. A grade will be entered in the Record Keeping box on the patient encounter form for each visit. Chart documentation and record keeping will be evaluated and graded by attending faculty using the criteria listed under the following area in that section:

I. Case Presentation

- IV.1 Identify a patient's chief complaint, general needs and expectations.

Each student is required to present pertinent historical and clinical findings, including the chief complaint, to attending OMFS clinical faculty immediately prior to the performance of any oral and maxillofacial surgery procedure.

Evaluation Criteria: Please refer to the Evaluation Methods section of this syllabus. Each preoperative case presentation will be evaluated and graded by attending faculty using the criteria listed under the following area in that section:

I. Case Presentation

- IV.2 Obtain a medical, dental and psychosocial history.
Each student will be required to present pertinent historical information to the attending OMFS clinical faculty immediately prior to the performance of any oral and maxillofacial surgery procedure.

Evaluation Criteria: Please refer to the Evaluation Methods section of this syllabus. Each preoperative case presentation will be evaluated and graded by attending faculty using the criteria listed under the following area in that section:

I. Case Presentation

- IV.7 Interpret findings from the history, clinical and radiographic examination, and other diagnostic procedures.

Prior to the performance of any oral and maxillofacial surgery procedure, the student will be asked to present the case to the attending OMFS clinical faculty. The case presentation should summarize pertinent medical and dental historical findings, clinical findings, radiographic findings, diagnosis, and treatment recommendations. The student is expected to be able to discuss issues relating to Anatomy, Physiology Pharmacology and Pathogenesis of disease as it may relate to his/her case.

Evaluation Criteria: Please refer to the Evaluation Methods section of this syllabus. Each preoperative case presentation will be evaluated and graded by attending faculty using the criteria listed under the following area in that section:

I. Case Presentation

- IV.8 Obtain medical and dental consultations when appropriate.

Prior to the performance of any oral and maxillofacial surgery procedure, the student will be asked to present the case to the attending OMFS clinical faculty. The case presentation should summarize pertinent medical and dental historical findings, clinical findings, radiographic findings, diagnosis, and treatment recommendations. If medical or dental specialty consultation is indicated, it will be obtained under close faculty supervision.

Evaluation Criteria: Please refer to the Evaluation Methods section of this syllabus. Each preoperative case presentation will be evaluated and graded by attending faculty using the criteria listed under the following area in that section:

I. Case Presentation

- VI.1 Recognize and manage medical emergencies.

Due to the low incidence of medical emergencies in the dental environment, most students are not exposed to clinical cases of this type

Emphasis will be placed upon prevention and recognition of medical emergencies in all patient encounters; medical emergencies and other complications, when they do occur, will be managed under close faculty supervision.

Evaluation Criteria: Please refer to the Evaluation Methods section of this syllabus. Each patient will be evaluated and graded by attending faculty using the criteria listed under the following areas in that section:

- I. Case Presentation
- II. Patient Management
- III. Surgical Technique

VI.3 Manage patients with pain and anxiety associated with dental procedures.

Management of pain and anxiety is essential for successful completion of clinical dental procedures. Principles of pain and anxiety management will be continuously reinforced and monitored by attending faculty during all surgical procedures.

Evaluation Criteria: Please refer to the Evaluation Methods section of this syllabus. Patient management and local anesthesia technique will be evaluated and graded by attending faculty using the criteria listed under the following area in that section:

- II. Patient Management

RESOURCES

A. Human Resources – Faculty

| Name | Time Available | Phone | Email |
|--|--|--------------|-----------------------------|
| Kamal Busaidy, DDS | Mon AM, Wed PM, Friday PM | 4308 | Kamal.Busaidy@uth.tmc.edu |
| James Wilson, D.D.S. | Thursday PM | 4125 | James.W.Wilson@uth.tmc.edu |
| Bruce Smith ,D.D.S. | Tuesday PM | 4125 | |
| Harry Gilbert, D.D.S. | Friday AM | 4125 | |
| Jim Kennedy , D.D.S. or Ayesha Nawab ,D.M.D. /M.D. | Wednesday | 873- 3329 | |
| Robert Debes, D.D.S. | Friday AM and PM | 4125 | |
| Bernard Natkin, D.D.S. | Thursday AM (Fall) Tuesday AM (Spring) | 4125 | |
| George Suchko, D.D.S. | Monday AM & PM Tuesday AM, Wed PM | 4315 | George.D.Suchko@uth.tmc.edu |
| Mark E. Wong, D.D.S. | Thursday PM | 4125 | Mark.E.Wong@uth.tmc.edu |

B. Foundational Knowledge

| | |
|-----------|--|
| DENF 1501 | General Histology |
| DENS 1502 | Gross Anatomy |
| DENS 1504 | Neurosciences |
| DENF 1601 | Dental Anatomy |
| DENS 1603 | Dental Anatomy Lab II |
| DENU 1707 | Integrated Biologic Sciences I |
| DENF 1931 | Basic and Applied Nutrition |
| DENF 1521 | Biochemistry |
| DENF 1541 | Physiology I |
| DENS 1542 | Physiology II |
| DENF 1551 | Microbiology and Immunology |
| DENF 2561 | Dental Pharmacology |
| DENF 2701 | General Pathology |
| DENS 2702 | Systemic Pathology |
| DENF 2704 | Introduction to Clinic |
| DENS 2801 | Oral and Maxillofacial Surgery I |
| DENS 2803 | Internal Medicine |
| DENS 3561 | Medical Pharmacology |
| DENF 3701 | Oral and Maxillofacial Pathology |
| DENS 3621 | Communication in Dentistry |
| DENS 3804 | The Compromised Dental Patient |
| DENS 3805 | Physical Diagnosis |
| DENU 3811 | Dental Anesthesiology |
| DENF 4701 | Differential Diagnosis of Oral Lesions |

C. Foundational Skills

| | | |
|------|------|-------------------------------------|
| DENF | 1621 | Ethics in Dentistry |
| DENF | 2562 | Local Anesthesia |
| DENF | 2703 | Oral and Maxillofacial Radiology I |
| DENS | 2801 | Oral and Maxillofacial Surgery I |
| DENF | 3541 | Emergency Procedures I |
| DENF | 3703 | Oral and Maxillofacial Radiology II |
| DENF | 3801 | Oral and Maxillofacial Surgery II |
| DENS | 3802 | Oral and Maxillofacial Surgery III |

ACTION PLAN

All students should carefully review the Oral & Maxillofacial Surgery section of the Dental Branch Clinic Manual prior to any participation in patient care in the Oral & Maxillofacial Surgery Clinic. Specific guidelines for patient scheduling to include competency examinations, treatment planning, informed consent, infection control, nitrous oxide analgesia, immediate denture surgery, student assisting, and postoperative patient management are mentioned in the manual. These guidelines WILL be followed.

Clinical Experiences

Students may earn PCUs by performing OMFS procedures on any of the following patient types: (1) Comprehensive care patients from a student's personal patient family, (2) Comprehensive care patients of fellow students (when procedures are shared by two students - one acting as the required student assistant), (3) Urgent Care Clinic patients, and (4) patients at Ben Taub General Hospital, LBJ General Hospital patients and other recognized offsite rotation locations. It is strongly recommended that each student continue to seek out comprehensive care patients who require multiple extractions and alveoloplasty, as patients of this type provide excellent clinical experience opportunities. Remember that additional PCUs will be earned when alveoloplasty is performed in conjunction with multiple extractions. It is also suggested that fourth year students seek patients who require routine biopsy, incision and drainage, or basic preprosthetic surgery procedures.

All clinical grades will be assigned at the time of the procedure without steps or increments. The grade will be divided into four components: at each encounter, a single grade (1 to 5) will be assigned for each of the following components: Case Presentation, Patient Management, and Aseptic Technique; a separate grade (1 to 5) will be assigned for Surgical Technique for each procedure code completed. The computer will calculate the final grade using the following weighting.

| | |
|-----|-----------------------------------|
| 20% | Case presentation |
| 20% | Patient management |
| 10% | Aseptic technique |
| 50% | Surgical Technique |
| 5 | Excellent - Expectations exceeded |
| 4 | Good |
| 3 | Acceptable |
| 2 | Poor/Failure |
| 1 | Unacceptable/Failure |

A surgical technique grade will be entered on the appropriate encounter form row for each procedure performed. The other grades will be entered in the row corresponding to each specific area (Case Presentation, Patient Management, and Aseptic Technique), which will be printed on the encounter form as convenience codes each time a patient is scheduled for oral surgery.

Very few grades of "5" will be awarded; these grades will be reserved for instances where expectations are exceeded in the criteria being evaluated. *For example, the patient presents with a complicated medical history and the student has demonstrated a sound comprehension of the issues relative to that patient's history a grade of "5" may be awarded, or the student has demonstrated unusually good technical skills in the process of extraction of a tooth that had potential of being a difficult or complicated extraction. A grade of "4" will be given if the student meets all criteria. The student is encouraged to become very familiar with all of the criteria listed under each category to be graded. Grades of "3", "2", and "1", will be given if the student fails to meet one or more of the listed criteria. If the student receives a grade of less than 4, and he/she feels that they successfully have met all the criteria, he/she should*

request an explanation. By doing so, the student will be able to identify and correct inadequacies in the future.

If a patient is assigned to a student in the Urgent Care Clinic and the patient requires oral surgery, that patient is considered to be under the care of that student, though the student bringing the patient to the oral surgery clinic may not have done the initial or primary assessment.

Criteria for Evaluation of Clinical Experiences

I. CASE PRESENTATION (20%)

Criteria:

- a. Case presented to faculty in thorough and organized manner prior to procedure; student understands indications for planned procedure
- b. Proposed treatment documented in approved sequential treatment plan
- c. Medical history review satisfactory; pertinent history or physical findings which may adversely affect outcome are recognized. Demonstrate knowledge of pertinent anatomy, physiology, pharmacology and pathogenesis of disease.
- d. Current diagnostic radiographs are available and satisfactorily interpreted
- e. Preoperative vital signs are recorded; any abnormalities are recognized
- f. Satisfactory written, informed consent is obtained prior to procedure
- g. All pertinent aspects of the patient encounter are well documented in the patient record.

Grades:

| | | |
|---|----------------------------|---|
| 5 | (excellent) | student exceeds expectations; all above criteria are met |
| 4 | (good) | all above criteria are met |
| 3 | (acceptable) | one of above criteria is not met |
| 2 | (poor/failure) | two of above criteria are not met |
| 1 | (unacceptable/ failure) | three or more of above criteria are not met, or written informed consent not obtained |

II. PATIENT MANAGEMENT (20%)

Criteria:

- a. Patient management skills are appropriate and effective
- b. Student demonstrates satisfactory professional behavior
- c. Student demonstrates adequate knowledge of local anesthetic drugs utilized
- d. Student understands the specific local anesthetic injections required for procedure
- e. Satisfactory local anesthesia technique is demonstrated (No penalty for missing block if satisfactory technique demonstrated)

- f. Student insures that satisfactory local anesthesia has been obtained prior to beginning procedure

Grades:

| | | |
|---|----------------------------|--|
| 5 | (excellent) | student exceeds expectations; all above criteria are met |
| 4 | (good) | all above criteria are met |
| 3 | (acceptable) | one of above criteria is not met |
| 2 | (poor/failure) | two of above criteria are not met |
| 1 | (unacceptable/ failure) | three or more of above criteria are not met |

III. ASEPTIC TECHNIQUE (20%)

Criteria:

- a. Student demonstrates good understanding of aseptic surgical technique
- b. Preoperative cubicle setup and instrument arrangement completed satisfactorily without violation in aseptic technique
- c. Proper surgical scrub, surgical gowning and gloving technique demonstrated
- d. Patient draping accomplished satisfactorily without violation in aseptic technique
- e. Proper aseptic technique maintained throughout surgical procedure
- f. Satisfactory post procedure cleanup and disposal of biohazard materials

Grades:

| | | |
|---|----------------------------|---|
| 5 | (excellent) | student exceeds expectations; all above criteria are met |
| 4 | (good) | all above criteria are met |
| 3 | (acceptable) | one of above criteria is not met |
| 2 | (poor/failure) | two of above criteria are not met |
| 1 | (unacceptable/ failure) | three or more of above criteria are not met, or a major infections control violation occurs during the procedure. |

IV. SURGICAL TECHNIQUE (40%)

Criteria:

- a. Patient is properly positioned in the chair for specific procedure.
- b. Student demonstrates adequate knowledge of instruments, and chooses the appropriate instruments.
- c. Student demonstrates proper use of elevators.
- d. Student demonstrates proper use of extraction forceps.
- e. Student recognizes incomplete removal of tooth or other untoward event.

- f. Adjacent teeth and structures are protected and not injured.

Grades:

| | | |
|---|----------------------------|--|
| 5 | (excellent) | student exceeds expectations; all above criteria are met |
| 4 | (good) | all above criteria are met |
| 3 | (acceptable) | one of above criteria is not met |
| 2 | (poor/failure) | two of above criteria are not met |
| 1 | (unacceptable/ failure) | three or more of above criteria are not met, or <ol style="list-style-type: none"> unnecessary injury to adjacent teeth, restorations, soft tissue or bone. extraction of wrong tooth failure to recognize (e.) or (f.) above |

Students with available time (appointment failures, etc.) are encouraged to serve as volunteers in the Urgent Care Clinic. This will likely provide additional extraction opportunities.

PCU SYSTEM

(Patient Care Unit System)

A student will earn points when he/she performs any of the following clinical procedures in Oral and Maxillofacial Surgery:

| | | |
|------|---|--------|
| 7140 | first extraction each patient | 2 PCUs |
| 7140 | subsequent extractions each patient (per tooth) | 2 PCUs |
| 7210 | surgical extraction (per tooth) | 3 PCUs |
| 7310 | alveoloplasty with extractions (per quadrant) | 2 PCUs |
| 7311 | alveoloplasty (one to three teeth in quadrant) | 2 PCUs |
| 7320 | alveoloplasty without extractions (per quadrant) | 3 PCUs |
| 7321 | alveoloplasty not in conjunction with extractions | 2 PCUs |
| 7286 | excisional biopsy of soft tissue lesion | 3 PCUs |
| 7510 | incision and drainage | 3 PCUs |
| 7960 | frenectomy | 3 PCUs |
| 7970 | excision of hyperplastic tissue | 3 PCUs |

Extractions performed at Ben Taub Hospital, LBJ Hospital, or within the Dental Branch under non-OMFS faculty direction will not be graded; in these instances, students will be awarded 4.0 grade for each procedure performed..

Third year students must earn a minimum of 30 PCUs prior to scheduling the required competency examination. All PCUs earned during the third year will be applied toward the cumulative third and fourth year total necessary to qualify for the fourth year competency examination.

PCU accumulation totals will be monitored throughout the academic year to determine satisfactory progress. Students who fail to meet the following goals will be reported as "unsatisfactory" on interim reports.

Third Year

| | |
|---------------------|---------|
| Mid-Fall semester | 10 PCUs |
| Fall Semester End | 20 PCUs |
| Mid-Spring semester | 35 PCUs |
| Spring Semester End | 50 PCUs |

EVALUATION METHODS

COMPETENCY ASSESSMENT

25% The combined average of the clinical and computer-based assessment.

Competency Assessments

The competency assessment is designed to have the student demonstrate the knowledge and the skills that an entry-level general dentist must be able to perform unassisted and unsupervised as they would in private practice.

The dental student will be required to undergo oral surgery competency assessment over the course of the 3rd and 4th clinical years. The competency process consists of the following components.

- 1- The extraction of one maxillary and one mandibular multi-rooted molar tooth. The OMS faculty MUST approve the case to assure the assessment is sufficiently challenging.
- 2- The student must also complete the extraction of one quadrant of teeth requiring alveoloplasty and / or gingivoplasty. At least three teeth must be in the quadrant.
- 3- A computer-based examination will be administered to assess knowledge of anatomy, physiology, pharmacology, pathophysiology of disease and patient medical management. The “test” will consist of multiple case-based scenarios. Examples will be discussed in orientation and placed on Blackboard.
- 4- The grade received for the competency assessment will be recorded for course 4007 ONLY. No competency grade will recorded for 3007. The grade will be an average of the clinical competencies and the computer –based examination. The competency will be equal to 25% of the 4007 grade.
- 5- Any student who has not completed the **entire** competency process by 1 April of the fourth year (Course 4007) will receive a failing grade.

How is the competency assessment different from the routine cases done in OMS?

1. Assure that the student understands the comprehensive nature of patient care as it relates to oral and maxillofacial surgery. Please refer to the copy of the competency assessment form.
2. It gives the Dental Branch an internal assessment tool to monitor successful compliance with the goals of the competency assessment.
3. The student is expected to have an in-depth understanding of the case he/she is using as a competency assessment. All of the criteria will be examined in more depth than might be accomplished during routine cases.

Third Year Competency Assessment Criteria

Competency Assessment

1. The dental student must have earned a minimum of 30 PCU's prior to scheduling her/his competency examination to ensure that they have had sufficient experiences to challenge the competency examination.
2. The student must attain a grade of 3.0 or greater, in order to pass the competency examination.

3. The student should complete the case successfully without faculty assistance. If faculty assistance is required, the competency examination may be considered to be voided and an "incomplete" grade received. This is a faculty decision. The student will receive PCU credit for the procedure as is the normal practice.
4. The same patient on the same day cannot be used to complete the examination should an "incomplete" or "failure" be given. As stated, you may complete the planned extractions, if applicable, for PCU credits.
5. Sharing the same patient with another student on the same day is not allowed.

THE PATIENT'S BEST INTERESTS MUST BE CONSIDERED AT ALL TIMES. PLEASE DO NOT DISCONTINUE A PLANNED TREATMENT IN ORDER TO PRESERVE THE CASE FOR A LATER DATE. THIS WILL BE MONITORED.

CLINICAL EXPERIENCES

- 75%** Students are evaluated on each oral surgery procedure supervised in four areas: case presentation, patient management, aseptic technique and surgical technique. A specific number of surgical experiences are not required, but students must demonstrate progression towards competency and maintenance of competency by reaching a PCU total of 150 by the end of the fourth year. (See Action Plan for clinical experiences).

Oral Surgery Clinical Competency Requirements

The student is required to successfully complete three “competency assessment tests” during the 3rd and 4th year clinical oral surgery courses (3007 and 4007). This component comprises 50% of the final competency grade. The computer-based written competency assessment comprises the other 50% of the competency final grade. The average of the two will represent 25% of your final CLIN 4007: Oral Surgery Clinic grade.

The student may **schedule** a case from their assigned patient family or the student may request the attending faculty to allow you to use an urgent care case.

The student may achieve multiple elements of their clinical competency requirement with one patient.

Grading Criteria:

- 1- Unacceptable – (failure) Student lacks comprehension of the assessed criteria (Faculty “comment” required)
- 2- Poor (failure)
- 3- Average – Student demonstrates basic understanding of the assessed criteria
- 4- Above average
- 5- Excellent – Student demonstrates a well-organized and comprehensive understanding of the assessed criteria using a complex case. (Faculty “comment” required).

Assessment #1 Maxillary molar: (date) _____

| | | | | | |
|---|---|---|---|---|---|
| 1- Organized and coherent case presentation | 1 | 2 | 3 | 4 | 5 |
| 2- Appropriate forceps selection | 1 | 2 | 3 | 4 | 5 |
| 3- Appropriate chair –patient position | 1 | 2 | 3 | 4 | 5 |
| 4- Appropriate patient management | 1 | 2 | 3 | 4 | 5 |
| 5- Appropriate application of forces/ technique | 1 | 2 | 3 | 4 | 5 |

Comments: _____

Assessment #2 Mandibular molar: (date) _____

| | | | | | |
|---|---|---|---|---|---|
| 1- Organized and coherent case presentation | 1 | 2 | 3 | 4 | 5 |
| 2- Appropriate forceps selection | 1 | 2 | 3 | 4 | 5 |
| 3- Appropriate chair –patient position | 1 | 2 | 3 | 4 | 5 |
| 4- Appropriate patient management | 1 | 2 | 3 | 4 | 5 |
| 5- Appropriate application of forces/ technique | 1 | 2 | 3 | 4 | 5 |

Comments: _____

Assessment #3 Segmental alveoloplasty and suturing: (date) _____

| | | | | | |
|---|---|---|---|---|---|
| 1- Organized and coherent case presentation | 1 | 2 | 3 | 4 | 5 |
| 2- Flap management | 1 | 2 | 3 | 4 | 5 |
| 3- Appropriate use of instruments | 1 | 2 | 3 | 4 | 5 |
| 4- Adequate alveoloplasty | 1 | 2 | 3 | 4 | 5 |
| 5- Appropriate suturing technique | 1 | 2 | 3 | 4 | 5 |

Comments: _____

FINAL GRADE CALCULATION

The final grade will be calculated by considering all procedures performed within the Dental Branch under the direction of OMFS faculty (75%) and the competency assessment (25%). Assigned grades for each component of each procedure will be weighted accordingly in arriving at a grade average, which will be a number between 1 and 5 rounded to two decimal places. That number will then be converted to a numerical grade (0 - 95 scale) by using the following formula $[(\text{Grade} \times 10) + 45]$. [Examples: 4.10 = 86, 3.80 = 81, 3.10 = 76, 2.90 = 74]