



Jordan University of Science and Technology
 Faculty of Applied Medical Sciences
 Department of Applied Dental Sciences
 Second Semester 2016-2017
 Course Syllabus

Course Information	
Course Title	Clinical oral hygiene 4
Course Code, credit hours	ADS 484, 4 practical hours
Prerequisites	ADS 483
Instructor	Arwa Mahasneh
Office Locations	M3 Level -4
E-mail	ammahasneh@just.edu.jo
Teaching Assistant(s)	Lina Khafajah,
Course Description	
Supervised clinical practice in the JUST-Graduate dental clinics. Continued development of clinical proficiency and decision-making in rendering comprehensive preventive oral health services using dental hygiene process of care (assessment, diagnosis, planning, implementation, and evaluation).	

Textbook	
Title	<i>Dental Hygiene Theory & Practice</i>
Author(s)	Darby ML, Walsh MM
Publisher	Elsevier Saunders
Year	2010
Edition	3 rd edition
Other references	<p><i>Dental Hygiene clinical Manual: 2010-2011</i>. Applied Dental Sciences Department, Allied Dental Sciences, Jordan University of Science and Technology, Irbid</p> <p>Nield-Gehrig, J.S. <i>Fundamentals of Periodontal Instrumentation</i>, ed 6 Philadelphia, Lippincott Williams and Wilkins, 2008</p> <p>Darby, ML. <i>Comprehensive Review of Dental Hygiene</i>, ed 6. Elsevier Saunders, 2006</p> <p>Nield-Gehrig, J.S. <i>Fundamentals of Periodontal Instrumentation</i>, ed 6 Philadelphia, Lippincott Williams and Wilkins, 2008</p> <p>Wilkins E. <i>Clinical Practice of the Dental Hygienist</i>. 10th ed. Philadelphia: Lippincott Williams & Wilkins; 2009.</p>

Assessment		
Assessment	Expected Due Date	Percentage
Intra-semester Evaluation	Last day of clinic	60%
Practical		60%
cases book	Starts: From the first day of clinics Ends: one week before the finals (practical)	45%
Practical midterm	13/4/2016	15%
Final Evaluation		40%
Case studies	TBA	15%
Exam case	TBA	10
Comprehensive services	Starts From the first day of clinic Ends: one week before the finals / practical	15%

Course Objectives
Demonstrate problem solving attitudes and behaviors
Evaluate the relevancy and accuracy of new information
Assume responsibility for developing a personal philosophy of dental hygiene practice
Formulating a scheme of internal criteria that will guide and allow for independent functioning
Accept constructive criticism and peer review as a learning experience that contribute to professional knowledge and growth
Render comprehensive preventive oral health services using the dental hygiene process of care
Render dental hygiene services to clients using effective “time” management strategies
Recognize predisposing and risk factors that require intervention to prevent disease
Demonstrate accurate decision-making skills during the rendering of dental hygiene services to patients
Demonstrate clinical emergency medical protocol procedures
Comply with the infection and disease control guidelines for the “prevention of disease transmission” during the rendering of dental hygiene services to clients.
Develop accurate and consistent documentation skills
Demonstrate safety procedures
Systematically collect and record data on the general, oral, and psycho-social health status of client’s

Teaching & Learning Methods

seminar/discussion,
reading assignments
demonstration,
clinical application,

Additional Notes

- ❖ **Attendance policy:** Students must attend all the scheduled dental hygiene clinics. For necessary *accused absence* e.g. family emergency, extreme illness, etc., please *contact course coordinator immediately*.
- ❖ **Unexcused absences will result in a grade of zero for that date per session missed. Late attendance for more than 10 minutes will be considered unexcused absence.**

PART I: Daily Clinical Performance (Continuous Assessment) Evaluation Criteria/ cases book

<i>Procedure/Skill</i>	<i>% Weight</i>	<i>Error Margin for Mastery</i>
ASSESSMENT	20	---
<i>Medical/Dental History</i>	3	0
<i>Oral Examination</i>	3	0
<i>Dental Charting</i>	4	1
<i>Periodontal charting/assess.</i>	10	0 gingivitis & early periodontitis 1 mod, 2 advanced periodontitis
PRELIMINARY DH. DIAGNOSIS	5	0
<i>Treatment planning</i>	5	1
IMPLEMENTATION	50	1
<i>Oral health instruction</i>	5	-----
<i>Scaling/Root planning/Debridement</i>	40	0
<i>Selective stain removal</i>	5	0 gingivitis & early periodontitis 1 mod & advanced periodontitis .
RADIOGRAPHS	2	2 class1-2,3 class 3,4 class 4
<i>Assessment pt. need</i>	1	0
<i>Interpretation/utilization</i>	1	0
EVALUATION	3	0
<i>Evaluation of DH treatment</i>	3	0
MANAGEMENT	15	0
<i>Professionalism/Ethics/Attitude/Decision making</i>	5	1
<i>Prevention of disease transmission/Infection control</i>	15	0

It's the student's responsibility to contact the clinic director and the patient to cancel the

appointment and arrange another appointment.

- ❖ **Clinic sessions begin immediately at 9:00 a.m, & 1:00 p.m:**
- ❖ Students are expected to arrive to the clinic no later than *10 minutes prior* to the scheduled clinic time. Students are required to be prepared with their lab coats, nametags, heavy duty gloves, clinic manual, colored pencils, and protective eyeglasses in each clinic and have their assigned cubicle prepared. **Late attendance for more than 10 minutes will be considered unexcused absence**
- ❖ **Clinical dental hygiene sessions are scheduled for 3 full time hours:**
Students must *not leave* clinic earlier or without permission from the assigned faculty
- ❖ **PART I: Required number of clinical competencies**

CLIENTS/ * Clinical Competencies	Number 11	Grade each	Total	LIMITS
Ortho	1	5	5	Any client with fixed ortho, either one or two jaws
Heavy Calculus	2	6	12	Generalized Class 2 calculus or higher, two visits minimum should be spent on the case, the case should be signed as heavy calculus from the first instructor who assessed it
Perio Involved	2	6	12	Moderate generalized Perio or higher two visits minimum should be spent on the case, the case should be signed as periodontally involved from the first instructor who assessed it
Others	4	4	16	Any case not listed Above

- It's the student's responsibility to check that the name of completed patients and reevaluation cases have been documented in the specified form during the same session, and have them signed by the same faculty who supervised the case.
- To consider the case as completed; the following procedure should be done: dental hygiene assessment, preliminary diagnosis, treatment planning, and implementation phase for each.
- It is the responsibility of the student to schedule a patient's appointment ahead of time on the front desk to meet the requirements; otherwise the front desk will automatically schedule any patient in the available dates
- If the case is heavy calculus and periodontal involved, the student has the option to choose between the two; either to consider it from the heavy calculus requirements, or the periodontally involved
- All cases should be signed from the instructor with today's date, patient

file number, and diagnosis on the specified sheet in the log book

Calculations:

- the grade will be calculated as the following:
 Example: one pedo case : The number of (Ms)/ total of (Ms+N_s) * %
 Weight

The grade out of 1%: The total of weights * 1% /100%

- Example: one heavy calculus case : The number of (Ms)/ total of (Ms+N_s)
 * % Weight

The grade out of 3%: The total of weights * 3% /100%

*

NOTES:

- No extra clinic is available at any time to complete requirements
- It is the **student's responsibility to obtain patients for completion of requirements**
- Each incomplete comprehensive requirement will result in one point deducted from the overall course grade
- If the student does not have appropriate patient cases in which to complete the services, he/she should perform the service in a simulated laboratory (e.g. on partners or models) to get credit for the service.
- All patients MUST BE DISMISSED from clinic in a.m. session at 11:45. and in p.m. session by 3:45 p.m.**

PART II: Comprehensive dental hygiene services

Processes/ on clients or classmates	Method of evaluation	Weight/each	Grade earned	Date	Patient's name	Instruct Signatu
ORAL EXAMINATION	From the first day of clinic to Ends: one week before the finals	1%				
ORAL IRRIGATION		1%				
DISCLOSING SOLUTION		1%				
Periodontal charting and assessment competency evaluation (Should be graded by the coordinator Ms. Arwa Mahasneh)		2%				
Nutritional Counseling On adult/ high risk caries		1%				
Pit & Fissure Sealants: Light Cure/Acid Etch (minimum one tooth only)		1%				

<i>Tooth whitening</i>		2%					
Evaluation of periodontal treatment		1%					
Root debridement		2%					
Nutritional Counseling on pedo		1%					
IMPRESSIONS COMPETENCY EVALUATION		2%					
Total		15					



**Part III:
Exam case**

- Student can choose any client who is heavy calculus, periodontally involved, to be his Exam case
- Examiner should be one of the course coordinators
- Once the case is suitable , the student should fill out the approval form of the exam case with the patient's name and file number, date, diagnosis, and examiner signature
- When completed, student should complete and submit the following to the examiner:
 - Photocopy of the patients medical history and chart
 - Photos of the patient's mouth before and after treatment
 - Radiographs
 - Study cast of the patient's mouth
 - Power point presentation of the case

In the finals week, students will discuss their cases according to the dates that will be announced later in the semester.

Dental hygiene Exam Case / ADS 482

Approval

Can be completed on any client with heavy calculus (class II minimum), generalized moderate periodontitis (minimum), the form should be signed from one of the course coordinators, either Ms. Arwa Mahasneh or Ms. Suhair Obaidat in the first visit of the client

Student name: _____

Date of the first visit _____,

Patients name and file number: _____

Diagnoses: _____

Calculus index _____

Signature _____