



Course Specifications

Muharram 1437 H

Institution:	COLLEGE OF DENTISTRY, AL-ZULFI
Academic Department :	PROSTHODONTICS – SDS-532
Programme :	BACHELOR OF DENTAL SURGERY (BDS)
Course :	GERIATRIC DENTISTRY
Course Coordinator :	DR.SAQUIB AHMED SHAIKH
Programme Coordinator :	DR.ABDULRAHMAN .A. AL ATRAM
Course Specification Approved Date :	28/ 03/ 1438 H



A. Course Identification and General Information

1 - Course title : GERIATRIC DENTISTRY		Course Code: 532	
2. Credit hours : 1			
3 - Program(s)in which the course is offered:			BDS
4 – Course Language : ENGLISH.			
5 - Name of faculty member responsible for the course:		DR.SAQUIB AHMED SHAIKH .	
6 - Level/year at which this course is offered : 5 TH YEAR (2 nd SEMESTER)			
7 - Pre-requisites for this course (if any) : 422 MDS, 413 SDS			
8 - Co-requisites for this course (if any) : NONE			
9 - Location if not on main campus :COLLEGE OF DENTISTRY ;AL-ZULFI			
10 - Mode of Instruction (mark all that apply)			
A - Traditional classroom	<input checked="" type="checkbox"/>	What percentage?	50 %
B - Blended (traditional and online)	<input checked="" type="checkbox"/>	What percentage?	20%
D - e-learning	<input checked="" type="checkbox"/>	What percentage?	10 %
E – Correspondence	<input checked="" type="checkbox"/>	What percentage?	0 %
F - Other	<input checked="" type="checkbox"/>	What percentage?	20 %
Comments :			
Using smart board, attractive Audio-visual Aids. Lectures uploaded online. Guidance for using e-learning using SDL will be given.			

B Objectives





What is the main purpose for this course?

1. The primary goal is to give an understanding about the biology of the aging process and the age-related changes and their dental implications.
2. To describe the oral health concerns and dental utilization patterns in the elderly population.
3. To know psychological aspects of aging including dementia, depression etc....
4. To understand the medical conditions and related medications and the dental management of such geriatric patients.
5. To know general considerations related to surgery for geriatric patients.

Briefly describe any plans for developing and improving the course that are being implemented:

1. In this course, a student should understand the dental needs and expectations of elderly patients.
2. He will understand the challenges and limitations in providing dental treatment to elderly patients.
3. Special emphasis will be given to the necessary modifications of treatment in preventive, restorative, endodontic and oral surgical including Implantology to geriatric patients.

C. Course Description

This course is designed to expose the students to the biology of aging process and its reflection on the oral health. The management of most common hard and soft tissue changes associated with elderly population discussed. In addition, psychological aspects of aging and anticipated age related systemic changes are covered. Special considerations when providing dental care for elderly are highlighted.





1. Topics to be covered

S.NO	List of Topics	No. of Weeks	Contact Hours
1	INTRODUCTION	1	1
2	BIOLOGY OF THE AGING PROCESS	1	1
3	SOFT & HARD TISSUE CHANGES	1	1
4	PSYCHOLOGICAL ASPECT OF AGING	1	1
5	MEDICALLY COMPROMISED ELDERLY PATIENTS-1	1	1
6	MEDICALLY COMPROMISED ELDERLY PATIENTS-2	1	1
7	MODALITIES OF MANAGEMENT FOR ELDERLY PATIENTS INCLUDING RESTORATIVE, PERIODONTICS, SURGICAL AND ENDODONTICS	1	1
8	SURGERY FOR GERIATRIC PATIENTS-1	1	1
9	SURGERY FOR GERIATRIC PATIENTS-2	1	1
10	PROSTHODONTIC TREATMENT FOR GERIATRIC PATIENTS-1	1	1
11	PROSTHODONTIC TREATMENT FOR GERIATRIC PATIENTS-2	1	1
12	NUTRITIONS IN GERIATRIC PATIENTS.	1	1
13	SALIVARY FUNCTIONS & DISORDERS IN GERIATRIC. PTS	1	1
14	PREVENTIVE DENTAL CARE FOR GERIATRIC PATIENTS -1	1	1
15	PREVENTIVE DENTAL CARE FOR GERIATRIC PATIENTS -2	1	1

2. Course components (total contact hours and credits per semester):



	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	15	.....	.....	.....	.....	15
Credit Hours	1	.....	.....	.....	.....	1

3. Additional private study/learning hours expected for students per week.

3





4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
1.0	Knowledge		
1.1	Understand the process of normal aging and age changes	Lectures, textbook, articles, discussion, audiovisual presentation.	Written exam- MCQs, short essay.
1.2	Know psychological theories of aging		
1.3	Understand the effect of aging on teeth and oral mucosa		
1.4	Know the overall impact on integrated organs and systems.		
2.0	Cognitive Skills		
2.1	Recognize the impact the older population will have on the dental field	Case study and problem based learning	Student will be evaluated for understanding and problem solving ability
2.2	Analyze the oral changes due to medical condition .		
2.3	Consider and correlate the potential drug interactions with drugs used in the dental setting.		
2.4	Identify and plan dental treatment modification for various medical and physical conditions of geriatric patients		
3.0	Interpersonal Skills & Responsibility		
3.1	Summarize the importance of proper attitudes and their effect on interactions between the dental team and the patient.	Students will be divided into small groups and tasks will be assigned to the group.	The group task will be supervised closely to evaluate the work done by each student
3.2	Recite home care modification for various medical and physical conditions.		
3.3	Identify steps patients may take to help with xerostomia and oral cancer.		
3.4	Describe and explain the importance of good verbal and listening skills and of providing written instructions for the patient to avoid errors of interpretation.		





	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
4.0	Communication, Information Technology, Numerical		
4.1	The students should use medical terminology in English, verbally	Seminar presentation	Seminar evaluation
4.2	The students should refer to the text book as well as internet web sites for their more information.	Research and group discussions	Written examination and research presentation
5.0	Psychomotor		
5.1	Oral hygiene techniques- The individual who has a mild physical or mental disability can be taught a simple brushing, such as the Fones or press and roll method.	Presentation, group discussions and demonstration.	Individually students will be analyzed.
5.2	Topical fluoride application technique- 8% Stannous Fluoride (SnF₂) – is contraindicated for patients with anterior demineralization due to the staining potential. 1.23% Acidulated Phosphate Fluoride (APF) – has a pH 3.5, contain hydrofluoric acid, and has a potential to etch porcelain and glaze surfaces. It is contraindicated for patients with crown and bridge work (a sodium fluoride can be used instead). 2.0% Sodium Fluoride (NaF) – can be safely used with porcelain and resin restorations.	Seminar presentation.	





5. Schedule of Assessment Tasks for Students during the Semester:

	Assessment task	Week Due	Proportion of Total Assessment
1	In-course assessments		
	Midterm written exam.	7 th week	20%
	Behavior and attitude	During	5%
	Research	During	10%
	Seminar	During	10%
	Quiz	During	5%
	Oral exam	During	10%
2	Final written exam.	End of the semester	40%

D. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

Office hours: Monday:1:00 to 3:00 am and Tuesday:1:00 to 3:00 pm

Attendance: Most, but not all, of the material covered in the lectures can be found in the text book. However you must attend lectures and take good notes to appreciate what has been covered. During your attendance the lectures tray to participate in class discussions, ask questions and record the careful notes.

Late assignments: All assignments are due at the beginning of class. Late assignments will receive a penalty of one grade step if they are handed in less than one day (24 hours) late. Your assignments will receive an additional grade step deduction for each day they are late (assignments that are between 24 and 48 hours late will receive a penalty of two grade steps. This includes weekends and holidays.





No assignments will be accepted after they are one week late. Hard copies of late assignments must be turned into my office. You should also email me a copy to verify the time at which it was completed.

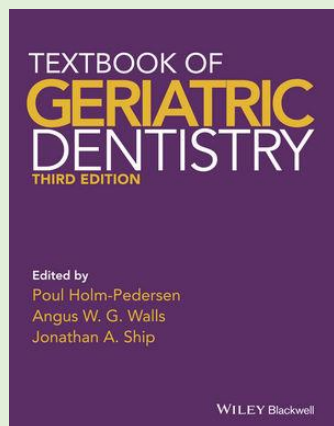
Academic honesty: College policies on academic honesty apply to this course. All work is to be done on an individual basis, and collaboration is not permitted. You may have someone who is not enrolled in this course proofread your papers for clarity, but you may not seek outside help regarding your paper's content. You will be required to submit a signed copy of the College honor pledge with your short paper and your final paper.

Discussion: Since this course is discussion-based, your active participation is required. Take careful notes, read required materials before and after class and don't let your reading pile up. In order to promote open and meaningful discussion, it is important to maintain an atmosphere in which everyone feels respected and comfortable sharing ideas and opinions. Remember to avoid interrupting your classmates and do not attack them personally. Be critical of arguments, not of individuals. If you ever are feeling uncomfortable in discussion, please come and talk to me.

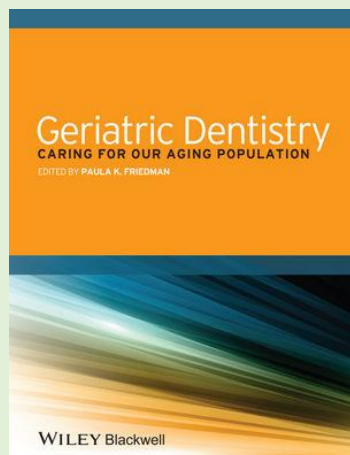


E. Learning Resources

1. List Required Textbooks :



Textbook of Geriatric Dentistry
Third edition
Edited by -
Poul Holm-Pedersen
published 2015 , wiley-blackwell.
© 2015 by John Wiley & Sons Ltd.



Geriatric Dentistry Caring for Our Aging Population
Edited by-
Paula K. Friedman DDS, CAGS, MSD, MPH
Published 2014, wiley-blackwell.
© 2014 by John Wiley & Sons, inc.

2. List Essential References Materials :

1. Improving Oral Health for the Elderly: An Interdisciplinary Approach

Ira B. Lamster, Mary E. Northridge, J.C. Takamura,
Springer,2010.

3. List Recommended Textbooks and Reference Material :

2. Geriatric restorative dentistry: The need, Challenges and Treatment.

Ramesh Bharti , Kulvinder Kaur Wadhvani, Aseem Prakash Tikku
Lambert Academic Publishing, 2012.





4. List Electronic Materials :

a. Geriatric Dentistry: Reviewing for the Present, Preparing for the Future

Natalie Kaweckyj, LDARF, CDA, CDPMA, COMSA, COA, CRFDA.

www.dentalcare.com/en-US/dental-education/continuing-education/ce123/ce123.aspx

b. Saudi digital library. www.google.com,

5. Other learning material :

- Power point presentation
- Notes prepared by course instructors

F. Facilities Required

1. Accommodation

- A class room with a seating capacity of 30 students

2. Computing resources

- Laptop
- Smart Board

3. Other resources

- Text books - hard copies in library for student's reference and lending.

G Course Evaluation and Improvement Processes

1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching:

Using questioners as an evaluation tools –

- The students will be given a feedback form, which can be submitted to the course director or to the dean which will help in improvement of the subject teaching.

• Other Strategies for Evaluation of Teaching by the Program/Department Instructor :

- The head of the department or the Dean has informal meetings with groups of students to discuss the contents of the course, method of teaching to evaluate the course and the instructor.
- The dean randomly attends lectures to assess the instructor. The power point presentation of each lecture is distributed to all the staff members of the department for evaluation and suggestions for improvement.

3 Processes for Improvement of Teaching :





- Teachers will be subjected to go for up gradation of knowledge by attending the relevant conferences and will be encouraged to carry on a self-improvement.

4. Processes for Verifying Standards of Student Achievement


- Other staff members are invited to attend the seminar presentation of students to verify the standards of student learning and their work.

5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement :


- Meetings will be conducted every week in the department to update the status of each student and the difficulties felt by the colleague will be resolved accordingly.

Course Specification Approved Department Official Meeting No (3) Date 28 / 03 /1438 H

Course's Coordinator

Name : Dr.SAQUIB A
SHAIKH
Signature : 
Date : 28/ 03/ 1438 H

Department Head

Name : Prof.Dr.S.Karthiga
Kannan.
Signature : 
Date : 28/ 03/ 1438 H

