



Course Specifications

Course Title:	Clinical Pedodontics-II
Course Code:	PDS 523
Program:	Bachelor of Dental Surgery
Department:	Preventive Dental Sciences [PDS 523]
College:	College of Dentistry
Institution:	Majmaah University

Table of Contents

A. Course Identification	3
6. Mode of Instruction (mark all that apply)	3
B. Course Objectives and Learning Outcomes.....	3
1. Course Description	3
2. Course Main Objective	4
3. Course Learning Outcomes	4
C. Course Content	4
D. Teaching and Assessment	6
1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods.....	6
2. Assessment Tasks for Students	7
E. Student Academic Counseling and Support	7
F. Learning Resources and Facilities	8
1. Learning Resources	8
2. Facilities Required	8
G. Course Quality Evaluation	8
H. Specification Approval Data	9

A. Course Identification

1. Credit hours:
2. Course type
a. University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Others <input type="checkbox"/>
b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
3. Level/year at which this course is offered:
4. Pre-requisites for this course (if any): PDS 423
5. Co-requisites for this course (if any):

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	-	-
2	Blended	-	-
3	E-learning	-	-
4	Correspondence	-	-
5	Other (Clinical Sessions)	90	100%

7. Actual Learning Hours (based on academic semester)

No	Activity	Learning Hours
Contact Hours		
1	Lecture	-
2	Laboratory/Studio	-
3	Tutorial	-
4	Others (Clinical Sessions)	90
	Total	90
Other Learning Hours*		
1	Study	30
2	Assignments	20
3	Library	20
4	Projects/Research Essays/Theses	20
5	Others (specify)	-
	Total	90

* The length of time that a learner takes to complete learning activities that lead to achievement of course learning outcomes, such as study time, homework assignments, projects, preparing presentations, library times

B. Course Objectives and Learning Outcomes

1. Course Description

The practical part (2 credit hour, 3 contact hours per semester) provides students with the skills to apply the comprehensive dental care to manage all dental needs of the assigned child patient. Children with age range of 1 to 14 years are usually seen and treated by the students in this course.

2. Course Main Objective

The main purpose of the course is to inform and provide the students with sufficient knowledge in children dentistry and it includes study of examination, diagnosis & treatment planning for various dental problems in children from infancy through adolescence.

Following are the plans that are implemented for developing and improving the course:

- Annual review of course by departmental course planning committee
- Updating the course with latest developments in the field using web-based materials.
- Annual review and updating practical sessions with new updates, slides and new preparations.
- Comparison of course topics with equivalent local and international courses.
- By clinical examination and group discussions.
- By increasing the use of practical skills and management of behavior modification in child patients.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge:	
K3.32	Recall the preventive, restorative and surgical concepts of oral disease in children	K3
2	Skills:	
S3.19	Develop critical thinking and reasoning skills to formulate management plan of oral disorders in children.	S3
S5.7	Evaluate the dental emergencies to outline their clinical management strategies in children.	S5
S7.12	Demonstrate hand-eye coordination skills for clinical examination, diagnosis and treatment planning of various clinical procedures in pediatric dentistry.	S7
3	Competence:	
C3.11	Demonstrate effective communication skills with the children, and their families with documentation.	C3

C. Course Content

No	List of Topics	Contact Hours
1	Clinical Part: Recording case history, clinical examination, radiographs, diagnosis & treatment planning in children.	3
2	Clinical Part: Identify the difference between primary and permanent dentition -3	3
3	Clinical Part: Identify the difference between primary and permanent dentition -2	3

4	Clinical Part: Application of sealants	3
5	Clinical Part: Application of topical fluorides	3
6	Clinical Part: Cavity preparation and restoration in primary and permanent dentition (class I, II, III, IV, V)	3
7	Clinical Part: Administration of Local anesthetic techniques -3	3
8	Clinical Part: Administration of Local anesthetic techniques -2	3
9	Clinical Part: Administration of Local anesthetic techniques -3	3
10	Clinical Part: Simple extractions of primary teeth -3	3
11	Clinical Part: Simple extractions of primary teeth -2	3
12	Clinical Part: Parents and children diet counseling	3
13	Clinical Part: Basic endodontic procedures in primary teeth (Partial Pulpotomy, Pulpotomy and Pulpectomy)	3
14	Clinical Part: Removable space maintainers in Pediatric patients-3	3
15	Clinical Part: Removable space maintainers in Pediatric patients-2	3
Second Semester		
16	Clinical Part: Pulp therapy in permanent dentition (RCT) -3	3
17	Clinical Part: Pulp therapy in permanent dentition (RCT) -2	3
18	Clinical Part: Pulp therapy in permanent dentition (RCT) -3	3
19	Clinical Part: Pulp therapy young permanent Dentition (Pulp capping, indirect pulp therapy, Direct pulp therapy, apexogenesis, and apexification) -3	3
20	Clinical Part:	3

	Pulp therapy young permanent Dentition (Pulp capping, indirect pulp therapy, Direct pulp therapy, apexogenesis, and apexification) -2	
23	Clinical Part: Pulp therapy young permanent Dentition (Pulp capping, indirect pulp therapy, Direct pulp therapy, apexogenesis, and apexification) -3	3
22	Clinical Part: Habit breaking appliances - in Pediatric patients-3	3
23	Clinical Part: Habit breaking appliances - in Pediatric patients -2	3
24	Clinical Part: Habit breaking appliances - in Pediatric patients -3	3
25	Clinical Part: Management of Dental trauma in Pediatric patients in clinics -3	3
26	Clinical Part: Management of Dental trauma in Pediatric patients in clinics -2	3
27	Clinical Part: Management of Dental trauma in Pediatric patients in clinics -3	3
28	Clinical Part: Dental Management of Children with Systemic Diseases in clinics -3	3
29	Clinical Part: Dental Management of Children with Systemic Diseases in clinics -2	3
30	Clinical Part: Dental Management of Disabled Children in clinics	3
Total		90

D. Teaching and Assessment

3. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge		
K3.32	Develop clear concepts for diagnosing and treating the dental problems in children.	Clinical session	Oral exams Clinical exams Weekly assessments
2.0	Skills		
S3.19	Develop critical thinking and reasoning skills to formulate management plan of oral disorders in children.	Clinical session	Oral exams Clinical exams Weekly assessments Assignments

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
S5.72	Evaluate the dental emergencies to outline their clinical management strategies in children.	Demonstrations, Clinical session	Procedures documented in logbook
S7.1	Demonstrate hand-eye coordination skills for clinical examination, diagnosis and treatment planning of various clinical procedures in pediatric dentistry.		
3.0	Competence		
C3.11	Demonstrate effective communication skills with the children, and their families with documentation.	Clinical session	Weekly assessments Clinical exams

2. Assessment Tasks for Students

	Assessment task		Week Due	Proportion of Total Assessment		
1	In Course Assessments	60	Mid-year exam- clinical	15 th week	20%	
2			Activities	Professionalism	Throughout semester	5%
3				Presentation/ assignment	Throughout semester	5%
4				Weekly assessment-Practical	25 th week	30%
6				Final clinical exam	End of semester	40%
Total▶				100%		

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

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

The students would avail consultancy during the displayed office hours (2-4 hours per week)

F. Learning Resources and Facilities

3. Learning Resources

Required Textbooks	<ul style="list-style-type: none"> Dentistry for the Child and Adolescent Ninth Edition - Jeffrey A. Dean, David R. Avery and Ralph E. McDonald, Mosby, ISBN: 978-0323057240 Handbook of Pediatric Dentistry 4th Edition Angus C. Cameron and Richard P. Widmer. Elsevier Ltd, ISBN: 978-0-7234-3695-9
Essential References Materials	<ul style="list-style-type: none"> Pediatric dentistry Journals (International Journal of Paediatric Dentistry; Pediatric Dentistry; European Archives of Paediatric Dentistry; Journal of Indian Society of Pedodontics and Preventive Dentistry and etc.,)
Electronic Materials	<ul style="list-style-type: none"> http://www.sdl.edu.sa http://www.pubmed.com Electronic material on CD, Web sites.
Other Learning Materials	<ul style="list-style-type: none"> Class room lectures Clinical demonstrations

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	<ul style="list-style-type: none"> Well-equipped per clinical cube suitable for 2-3 students
Technology Resources (AV, data show, Smart Board, software, etc.)	<ul style="list-style-type: none"> One computer, projector, active-board, video set connected to projector. Dental clinic with instruments required to treat Pediatric patient Radiographs: Intra -oral periapical films, Panoramic radiograph, Lateral cephalogram, Anterior Occlusal radiographs and etc
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	<ul style="list-style-type: none"> The following items are needed for the lab practices: thyphodont model; High speed hand piece, and burs Dental clinic including dental unit and supplied materials and instruments.

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment	Students	<ul style="list-style-type: none"> Course Evaluation Survey Quality of Exam Survey
	Faculty	<ul style="list-style-type: none"> CLO Mapping with teaching & assessment. Course Blueprinting

		<ul style="list-style-type: none"> • Grade Analysis • Psychometric Analysis
	Collogues	<ul style="list-style-type: none"> • Grade Verification
Extent of achievement of course learning outcomes	Faculty member / Quality assurance committee	<ul style="list-style-type: none"> • Direct assessment outcome analysis • Course report preparation
Quality of learning resources, etc	Faculty/Students	<ul style="list-style-type: none"> • Academic advising survey • Student experience survey

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	Department Council
Reference No.	*****
Date	29.08.2019