

Republic of Yemen
Ministry of Higher Education & Scientific Research
Emirates International University



Faculty of Dentistry
Department of POP
Doctor of Dental Surgery (DDS)
Course Specification of
Pediatric Dentistry II
Course No. (-----)



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Review committee:

Head of the Department

Quality Assurance head



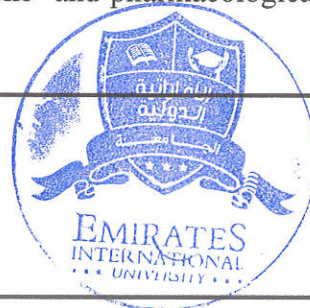
Dean of Faculty

I. Course Identification and General Information:

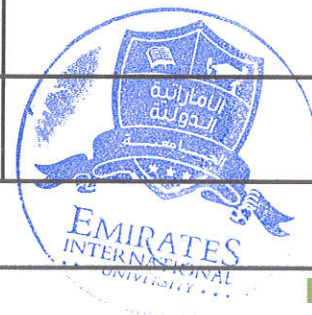
1	Course Title:	Pediatric Dentistry II			
2	Course Code & Number:	----			
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		3	2	3	--
4	Study Level/ Semester at which this Course is offered:	5 th Level / 2 nd Semester			
5	Pre –Requisite (if any):	Pediatric dentistry I			
6	Co –Requisite (if any):	None			
7	Program (s) in which the Course is Offered:	Doctor of Dental Surgery (DDS)			
8	Language of Teaching the Course:	English			
9	Study System:	Semester based System			
10	Mode of Delivery:	Full Time			
11	Location of Teaching the Course:	Faculty of Dentistry			
12	Prepared by:	Dr. Abdulqader Zabarrah			

II. Course Description:

The major aim of the course is to enrich the students with the advanced clinical knowledge about Medical Emergencies in Children. It includes management of medically compromised child patient, disabled child, periodontal lesions, sedation and anaesthesia in children with special need. It focuses on fluoride therapy, space maintainers, oral hygiene and pharmacological methods for pain control in mentally and physically disabled child.



III. Course Intended Learning Outcomes (CILOs): Upon successful completion of the course, students will be able to:		Referenced PILOs Learning out of program		
A. Knowledge and Understanding:		I, A or E		
a1	list techniques for more medical emergencies and medically compromised child management		A4	
a2	Identify clear concepts for diagnosing and treating the dental problems in children with special needs		A3	
B. Intellectual Skills:				
b1	Select suitable dental materials, and medicaments to be used in a pediatric emergencies and different clinical situation.		B5	
b2	Apply evidence-based treatment planning and act upon the legal and ethical responsibilities involved in protecting and promoting health of individual patients		B3	
C. Professional and Practical Skills:				
c1	Manage medically compromised child, medical emergency and different medical emergencies cases		C6	
c2	Perform different treatment options for young permanent teeth with periodontal disease , caries and badly destructed.		C1	
D. Transferable Skills:				
d1	Treat the child patient with scheduled program with priority to emergencies in pedodontic clinic.		D4	
d2	Use information technology and resources		D2	



(A) Alignment of Course Intended Learning Outcomes (Knowledge and Understanding) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
a1 list techniques for more medical emergencies and medically compromised child management	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussions 	<ul style="list-style-type: none"> ▪ Midterm Exam ▪ Final Exam
a2 Identify clear concepts for diagnosing and treating the dental problems in children with special needs	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussions 	<ul style="list-style-type: none"> ▪ Midterm Exam ▪ Final Exam

(B) Alignment of Course Intended Learning Outcomes (Intellectual Skills) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
b1 Select suitable dental materials, and medicaments to be used in a pediatric emergencies and different clinical situation.	<ul style="list-style-type: none"> ▪ Lecture ▪ Training ▪ Discussions ▪ Brainstorming 	<ul style="list-style-type: none"> ▪ Midterm Exam ▪ Final Exam ▪ Practical Exam
b2 Apply evidence-based treatment planning and act upon the legal and ethical responsibilities involved in protecting and promoting health of individual patients	<ul style="list-style-type: none"> ▪ Lecture ▪ Training ▪ Discussions ▪ Brainstorming 	<ul style="list-style-type: none"> ▪ Midterm Exam ▪ Final Exam ▪ Practical Exam

(C) Alignment of Course Intended Learning Outcomes (Professional and Practical Skills) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
c1 Manage medically compromised child, medical emergency and different medical emergencies cases	<ul style="list-style-type: none"> ▪ Practical training ▪ Demonstrations ▪ Discussions 	<ul style="list-style-type: none"> ▪ Direct observation ▪ Practical Exams ▪ Semester work
c2 Perform different treatment options for young permanent teeth with periodontal disease, caries and badly destructed.	<ul style="list-style-type: none"> ▪ Practical training ▪ Demonstrations ▪ Discussions 	<ul style="list-style-type: none"> ▪ Direct observation ▪ Practical Exams ▪ Semester work

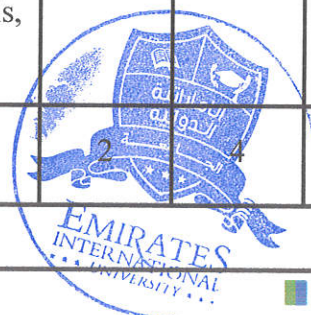
(D) Alignment of Course Intended Learning Outcomes (Transferable Skills) to Teaching

Strategies and Assessment Methods:		
Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
d1 Treat the child patient with scheduled program with priority to emergencies in pedodontic clinic.	<ul style="list-style-type: none"> ▪ Discussion ▪ Brainstorming 	<ul style="list-style-type: none"> ▪ Direct observation ▪ Practical Exams ▪ Semester work
d2 Use information technology and resources	<ul style="list-style-type: none"> ▪ Discussion ▪ Brainstorming 	<ul style="list-style-type: none"> ▪ Direct observation ▪ Practical Exams ▪ Semester work

IV. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Space Maintenance in the Primary Dentition	<ul style="list-style-type: none"> • Space loss problems, • Definition, • Band and loop space maintainers, • Crown and loop space maintainer, • Lingual arch space maintainer, • Nance palatal arch appliance • Transpalatal arch appliance • Distal shoe space maintainer • Bonded space maintainer • Glass fiber reinforced composite resin space maintainer • Removable Space Maintainers • Fixed appliances for anterior space maintenance 	1	2	a1,b1
2	Gingivitis and Periodontal Disease in Children	<ul style="list-style-type: none"> • Normal gingiva and periodontium, • Simple gingivitis, • Acute gingival disease, • Chronic nonspecific gingivitis • Early-Onset Periodontitis, • Prepubertal Periodontitis, • Localized, Early-Onset Periodontitis, • Generalized Early-Onset Periodontitis 	1	2	a1, b1
3	Crowns in Pediatric	<ul style="list-style-type: none"> □ Introduction, 			a1



IV. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
	Dentistry	<input type="checkbox"/> Definition, <input type="checkbox"/> Classification, <input type="checkbox"/> Preparation of the tooth, <input type="checkbox"/> Selection of crown size, <input type="checkbox"/> Contouring of the crown			
4	Prevention : Fluorides in pediatric dentistry	<input type="checkbox"/> Fluoride administration <input type="checkbox"/> Technique of application <input type="checkbox"/> Self-applied topical fluoride applications <input type="checkbox"/> Recommendations for use of topical fluorides -	1	2	a1,a2,b1
5	Management of children with N2O Inhalation and G.A	<input type="checkbox"/> Definition, <input type="checkbox"/> Indication, <input type="checkbox"/> Contraindication, <input type="checkbox"/> Advantages, <input type="checkbox"/> Disadvantages, <input type="checkbox"/> Objectives, <input type="checkbox"/> Techniques, <input type="checkbox"/> Differences between conscious sedation and general anesthesia	1	2	a2,b2
6	Midterm Exam	MCQs and essay questions	1	2	a1,a2,b1, b2
7	Oral habits	<input type="checkbox"/> Definition, <input type="checkbox"/> Undesirable oral habits in children, <input type="checkbox"/> Digital sucking <input type="checkbox"/> Tongue thrusting <input type="checkbox"/> Bruxism, <input type="checkbox"/> Mouth breathing, <input type="checkbox"/> Lip biting and sucking habit, <input type="checkbox"/> Cheek biting, <input type="checkbox"/> Self-injurious habit	1	2	a1,a2
8	Mechanical and Chemotherapeuti	<ul style="list-style-type: none"> • Manual toothbrush, • Powered mechanical plaque removal 			a2,b2

IV. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
	c home oral hygiene in pediatric dentistry	dentifrices, • Floss, Interproximal Brushes, • End-tufted Brush, • Disclosing agents, • Tongue scrapers. • Oral irrigators • Antiseptic agents, • Essential Oils, • Quaternary Ammonium Compounds, • Triclosan, • Stannous Fluoride, sugar substitutes, • Age-specific home oral hygiene instructions, • In-office oral hygiene programs			
9	Medical Emergencies in Children	• Introduction, • Syncope, • Allergy, • Asthma, • Hyperventilation, • Airway obstruction, • Seizures • LA overdose reactions • Thyroid gland dysfunction, • Adrenal crisis, • Insulin shock & Diabetic ketoacidosis	1	2	a2,b2
10	Dental Management of Disabled Children	• Down syndrome (Trisomy 21 syndrome), • Learning disabilities • Fragile-x, • Foetal alcohol syndrome, • Autism, • Cerebral palsy, • Spina bifida and latex allergy, • Respiratory diseases, • Hearing loss, • Visual impairment	1	2	a2,b2
11	Dental Management of Medically	• Hemophilia, • Viral hepatitis, • Sickle cell anemia <input type="checkbox"/> Acquired immunodeficiency	1	2	a2,b2

IV. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
	Compromised Patient	syndrome, <input type="checkbox"/> Heart Disease, <input type="checkbox"/> Thalassaemia, <input type="checkbox"/> Platelet Disorders			
12	Congenital Genetic Disorders and Syndromes	<input type="checkbox"/> Children in dental clinic fit one of three categories, <input type="checkbox"/> Ocular anomalies, <input type="checkbox"/> Auricular anomalies, <input type="checkbox"/> Anomalies of the mouth and oral region, <input type="checkbox"/> Dental anomalies, <input type="checkbox"/> Dentist responsibilities, <input type="checkbox"/> Some common syndromes in children	1	2	a2,b2
13	Minor Oral Surgery in Children & common pathological conditions	<input type="checkbox"/> Minor oral surgery in children <input type="checkbox"/> Common pathological condition in children	1	2	a1,b1
14	Pharmacological Management of children	<input type="checkbox"/> Definition, <input type="checkbox"/> Oral sedation, <input type="checkbox"/> Intra-muscular sedation, <input type="checkbox"/> Submucosal sedation, <input type="checkbox"/> Intra-venous sedation	1	2	a2,b2
15	Final Exam	MCQs and essay questions	1	2	a1,a2,b1, b2
Number of Weeks /and Units Per Semester			16	32	

B. Case Studies and Practical Aspect:



No.	Tasks/ Experiments	Week Due	Contact Hours	Learning Outcomes (CILOs)
1	Clinical Part: Administration of Local anesthetic techniques	week 1	3	b2,c2,d1
2	Clinical Part: Simple extractions of primary teeth	week 2	3	b1,c1,d1,
3	Clinical Part: Parents and children diet counseling	week 3	3	a2,b2,c2,d1
4	Clinical Part: Basic endodontic procedures in primary teeth (Partial Pulpotomy, Pulpotomy and Pulpectomy)	week 4	3	b1,c1,d1
5	Clinical Part: Pulp therapy young permanent Dentition (Pulp capping, indirect pulp therapy, Direct pulp therapy, apexogenesis, and apexification)	week 5	3	c1,d1
6	Clinical Part: Habit breaking appliances - in Pediatric patients	week 6	3	2,b1,c1
7	Clinical Part: Management of Dental trauma in Pediatric patients in clinics	week 7	3	b2,c1,c2
8	Clinical Part: Dental Management of Children with Systemic Diseases in clinics	week 8	3	b2,c1,c2
9	Clinical Part: Dental Management of Disabled Children in clinics	week 9	3	b2,c1,c2
10	Restoration of a vital primary tooth	week 10	3	b1,c1,c2,d1,d2



No.	Tasks/ Experiments	Week Due	Contact Hours	Learning Outcomes (CILOs)
	including SSCs			
11	Fissure sealant	week 11	3	b1,c1,d1,d2
12	Fluoride varnish application	week 12	3	a2,c1,d1
13	Emergency procedure/others	week 13,14	3	b2,c1,c2
14	Practical exam	week 14	6	b1,b2,c1,c2,d1,d2
Number of Weeks /and Units Per Semester		15	45	3

V. Teaching Strategies of the Course:

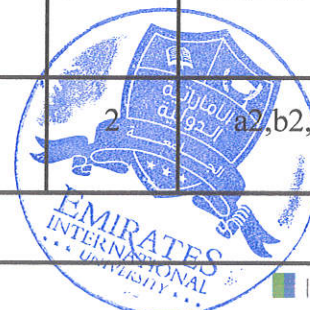
- Lectures
- Discussions
- Brainstorming
- Demonstrations
- Training
- Self-Learning.

VI. Assessment Methods of the Course:

- Midterm Exam
- Final Exam
- Practical Exam
- Semester work

VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	Assignment 1 micro report about of medically compromised child	2	2	a2,b2,c1,c2,d1
2	Assignment 2 micro-report about fluoride therapy for permanent teeth	4	2	a2,b2,c1,c2



VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
3	Assignment 3 micro-report about medical emergency in Pedodontics	8	2	a2,b2,c1,c2,d2
4	Micro-assignment 4 in physically impaired child management	10	2	a2,b2,c1,c2
5	Assignment 5 micro-report in habit treatment in Pedodontics.	12	2	a1,a2, b1,c1,d1
Total			10	

VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Assignments	2 th , 4 th , 8 th , 10 th and 12 th	10	10%	a1, a2, b1, b2, c1, c2, d1 ,d2
2	Midterm exam	7 th	20	20%	a1, a2, b1 b2, c1, c2
3	Practical exam	15 th	10	10%	b1,b2,c1,c2,d1,d2
4	Final exam	16 th	60	60%	a1, a2, b1, b2, c1, c2, d1 ,d2
Total			100	100%	

IX. Learning Resources:

1- Required Textbook(s) .

- 1-Jeffrey A. Dean, McDonald and Avery's, 2015: Dentistry for the Child and Adolescent, 10th Edition, Mosby
- 2-Angus C., Cameron, 2013: Handbook of Pediatric Dentistry, 4th Edition, Mosby.

2- Essential References.

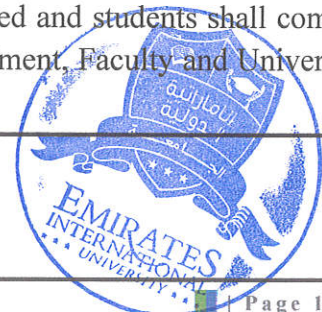
- 1- Richard Welbury : Paediatric Dentistry 5th Edition, Oxford .
- 2- Amr M. Moursi: Clinical Cases in Pediatric Dentistry (Clinical Cases (Dentistry) 2nd Edition, Wiley-Blackwell

3- Electronic Materials and Web Sites *etc.*

- 1- international journal of pedodontics
www.ijcpd.com/journalDetails/IJCPD
- 2- international journal of clinical pediatric dentistry
www.ijcpd.com/journalDetails/IJCPD
- 3- American dental association
www.ada.org/en

X. Course Policies: (Based on the Uniform Students' By law (2007))

1	Class Attendance: Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
2	Tardiness: A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	Exam Attendance/Punctuality: No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
4	Assignments & Projects: Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	Cheating: Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.



Faculty of Dentistry

Department of POP

Program of Doctor of Dental Surgery (DDS)

Course Plan (Syllabus) of Pediatric Dentistry II

Course No. (-----)

I. Information about Faculty Member Responsible for the Course:						
Name of Faculty Member:	Dr. Abdulqader Zabarah	Office Hours				
Location & Telephone No.:	Sanaa 774443332	4 Hours Weekly				
E-mail:		SAT 1	SUN 1	MON 1	TUE	WED THU 1

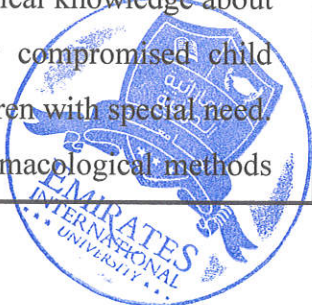


II. Course Identification and General Information:

1	Course Title:	Pediatric Dentistry II			
2	Course Code & Number:	----			
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		3	2	3	--
4	Study Level/ Semester at which this Course is offered:	5th Level / 2nd Semester			
5	Pre –Requisite (if any):	Pediatric dentistry I			
6	Co –Requisite (if any):	None			
7	Program (s) in which the Course is Offered:	Doctor of Dental Surgery (DDS)			
8	Language of Teaching the Course:	English			
9	Study System:	Semester based System			
10	Mode of Delivery:	Full Time			
11	Location of Teaching the Course:	Faculty of Dentistry			
12	Prepared by:	Dr. Abdulqader Zabarrah			

III. Course Description:

The major aim of the course is to enrich the students with the advanced clinical knowledge about Medical Emergencies in Children. It includes management of medically compromised child patient, disabled child, periodontal lesions, sedation and anaesthesia in children with special need. It focuses on fluoride therapy, space maintainers, oral hygiene and pharmacological methods



for pain control in mentally and physically disabled child.

IV. Course Intended Learning Outcomes (CILOs):

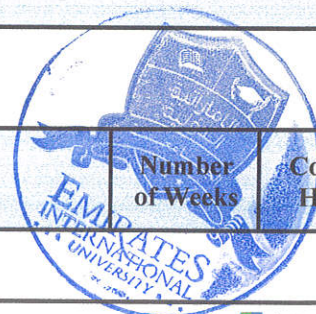
Upon successful completion of the Course, student will be able to:

	A. Knowledge and Understanding:
a1	list techniques for more medical emergencies and medically compromised child management
a2	Identify clear concepts for diagnosing and treating the dental problems in children with special needs
	B. Intellectual Skills:
b1	Select suitable dental materials, and medicaments to be used in a pediatric emergencies and different clinical situation.
b2	Apply evidence-based treatment planning and act upon the legal and ethical responsibilities involved in protecting and promoting health of individual patients
	C. Professional and Practical Skills:
c1	Manage medically compromised child, medical emergency and different medical emergencies cases
c2	Perform different treatment options for young permanent teeth with periodontal disease , caries and badly destructed.
	D. Transferable Skills:
d1	Treat the child patient with scheduled program with priority to emergencies in pedodontic clinic.
d2	Use information technology and resources

V. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours



V. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
1	Space Maintenance in the Primary Dentition	<ul style="list-style-type: none"> • Space loss problems, • Definition, • Band and loop space maintainers, • Crown and loop space maintainer, • Lingual arch space maintainer, • Nance palatal arch appliance • Transpalatal arch appliance • Distal shoe space maintainer • Bonded space maintainer • Glass fiber reinforced composite resin space maintainer • Removable Space Maintainers • Fixed appliances for anterior space maintenance 	1	2
2	Gingivitis and Periodontal Disease in Children	<ul style="list-style-type: none"> • Normal gingiva and periodontium, • Simple gingivitis, • Acute gingival disease, • Chronic nonspecific gingivitis • Early-Onset Periodontitis, • Prepubertal Periodontitis, • Localized, Early-Onset Periodontitis, • Generalized Early-Onset Periodontitis 	1	2
3	Crowns in Pediatric Dentistry	<ul style="list-style-type: none"> <input type="checkbox"/> Introduction, <input type="checkbox"/> Definition, <input type="checkbox"/> Classification, <input type="checkbox"/> Preparation of the tooth, <input type="checkbox"/> Selection of crown size, <input type="checkbox"/> Contouring of the crown 	2	4
4	Prevention : Fluorides in pediatric dentistry	<ul style="list-style-type: none"> <input type="checkbox"/> Fluoride administration <input type="checkbox"/> Technique of application <input type="checkbox"/> Self-applied topical fluoride applications <input type="checkbox"/> Recommendations for use of topical fluorides 	1	2
5	Management of children with N2O	<ul style="list-style-type: none"> <input type="checkbox"/> Definition, 	1	2

V. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
	Inhalation and G.A	<input type="checkbox"/> Indication, <input type="checkbox"/> Contraindication, <input type="checkbox"/> Advantages, <input type="checkbox"/> Disadvantages, <input type="checkbox"/> Objectives, <input type="checkbox"/> Techniques, <input type="checkbox"/> Differences between conscious sedation and general anesthesia		
6	Midterm Exam	MCQs and essay questions	1	2
7	Oral habits	<input type="checkbox"/> Definition, <input type="checkbox"/> Undesirable oral habits in children, <input type="checkbox"/> Digital sucking <input type="checkbox"/> Tongue thrusting <input type="checkbox"/> Bruxism, <input type="checkbox"/> Mouth breathing, <input type="checkbox"/> Lip biting and sucking habit, <input type="checkbox"/> Cheek biting, <input type="checkbox"/> Self-injurious habit	1	2
8	Mechanical and Chemotherapeutic home oral hygiene in pediatric dentistry	<ul style="list-style-type: none"> • Manual toothbrush, • Powered mechanical plaque removal dentifrices, • Floss, Interproximal Brushes, • End-tufted Brush, • Disclosing agents, • Tongue scrapers. • Oral irrigators • Antiseptic agents, • Essential Oils, • Quaternary Ammonium Compounds, • Triclosan, • Stannous Fluoride, sugar substitutes, • Age-specific home oral hygiene instructions, • In-office oral hygiene programs 	1	2
9	Medical Emergencies in	<ul style="list-style-type: none"> • Introduction, • Syncope, • Allergy, 	1	2



V. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
	Children	<ul style="list-style-type: none"> • Asthma, • Hyperventilation, • Airway obstruction, • Seizures • LA overdose reactions • Thyroid gland dysfunction, • Adrenal crisis, • Insulin shock & Diabetic ketoacidosis 		
10	Dental Management of Disabled Children	<ul style="list-style-type: none"> • Down syndrome (Trisomy 21 syndrome), • Learning disabilities • Fragile-x, • Foetal alcohol syndrome, • Autism, • Cerebral palsy, • Spina bifida and latex allergy, • Respiratory diseases, • Hearing loss, • Visual impairment 	1	2
11	Dental Management of Medically Compromised Patient	<ul style="list-style-type: none"> • Hemophilia, • Viral hepatitis, • Sickle cell anemia <input type="checkbox"/> Acquired immunodeficiency syndrome, <input type="checkbox"/> Heart Disease, <input type="checkbox"/> Thalassemia, <input type="checkbox"/> Platelet Disorders 	1	2
12	Congenital Genetic Disorders and Syndromes	<ul style="list-style-type: none"> <input type="checkbox"/> Children in dental clinic fit one of three categories, <input type="checkbox"/> Ocular anomalies, <input type="checkbox"/> Auricular anomalies, <input type="checkbox"/> Anomalies of the mouth and oral region, <input type="checkbox"/> Dental anomalies, <input type="checkbox"/> Dentist responsibilities, <input type="checkbox"/> Some common syndromes in children 	1	2
13	Minor Oral Surgery in Children & common pathological conditions	<ul style="list-style-type: none"> <input type="checkbox"/> Minor oral surgery in children <input type="checkbox"/> Common pathological condition in children 	1	2
14	Pharmacological	<ul style="list-style-type: none"> <input type="checkbox"/> Definition, 	1	2

V. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
	Management of children	<input type="checkbox"/> Oral sedation, <input type="checkbox"/> Intra-muscular sedation, <input type="checkbox"/> Submucosal sedation, <input type="checkbox"/> Intra-venous sedation		
15	Final Exam	MCQs and essay questions	1	2

B. Case Studies and Practical Aspect:

1	Clinical Part: Administration of Local anesthetic techniques	week 1	3
2	Clinical Part: Simple extractions of primary teeth	week 2	3
3	Clinical Part: Parents and children diet counseling	week 3	3
4	Clinical Part: Basic endodontic procedures in primary teeth (Partial Pulpotomy, Pulpotomy and Pulpectomy)	week 4	3
5	Clinical Part: Pulp therapy young permanent Dentition (Pulp capping, indirect pulp therapy, Direct pulp therapy, apexogenesis, and apexification)	week 5	3
6	Clinical Part: Habit breaking appliances - in Pediatric patients	week 6	3
7	Clinical Part: Management of Dental trauma in Pediatric patients in clinics	week 7	3



8	Clinical Part: Dental Management of Children with Systemic Diseases in clinics	week 8	3
9	Clinical Part: Dental Management of Disabled Children in clinics	week 9	3
10	Restoration of a vital primary tooth including SSCs	week 10	3
11	Fissure sealant	week 11	3
12	Fluoride varnish application	week 12	3
13	Emergency procedure/others	week 13,14	3
14	Practical exam	week 14	6
Number of Weeks /and Units Per Semester		15	45

VI. Teaching Strategies of the Course:

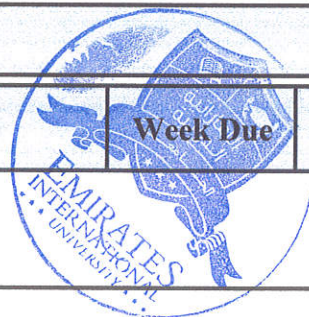
- Lectures
- Discussions
- Brainstorming
- Demonstrations
- Training
- Self-Learning.

VII. Assessment Methods of the Course:

- Midterm Exam
- Final Exam
- Practical Exam
- Semester work

VIII. Assignments:

No.	Assignments	Week Due	Mark
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No.	Assignments	Week Due	Mark
1	Assignment 1 micro report about of medically compromised child	2	2
2	Assignment 2 micro-report about fluoride therapy for permanent teeth	4	2
3	Assignment 3 micro-report about medical emergency in Pedodontics	8	2
4	Micro-assignment 4 in physically impaired child management	10	2
5	Assignment 5 micro-report in habit treatment in Pedodontics.	12	2
Total			10

IX. Schedule of Assessment Tasks for Students During the Semester:

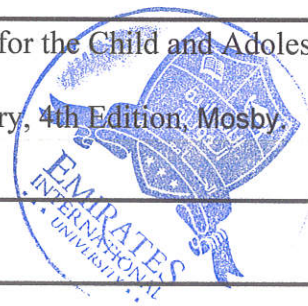
No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Assignments	2 th , 4 th , 8 th , 10 th and 12 th	10	10%
2	Midterm exam	7 th	20	20%
3	Practical exam	15 th	10	10%
4	Final exam	16 th	60	60%
Total			100	100%

X. Learning Resources:

1- Required Textbook(s) .

- 1-Jeffrey A. Dean, McDonald and Avery's, 2015: Dentistry for the Child and Adolescent, 10th Edition, Mosby
- 2-Angus C., Cameron, 2013: Handbook of Pediatric Dentistry, 4th Edition, Mosby.

2- Essential References.



- 1- Richard Welbury : Paediatric Dentistry 5th Edition, Oxford .
- 2- Amr M. Moursi: Clinical Cases in Pediatric Dentistry (Clinical Cases (Dentistry) 2nd Edition, Wiley-Blackwell

3- Electronic Materials and Web Sites *etc.*

- 1- international journal of pedodontics
www.ijcpd.com/journalDetails/IJCPD
- 2- international journal of clinical pediatric dentistry
www.ijcpd.com/journalDetails/IJCPD
- 3- American dental association
www.ada.org/en

XI. Course Policies: (Based on the Uniform Students' Bylaw (2007))

	Class Attendance:
1	Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
	Tardiness:
2	A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
	Exam Attendance/Punctuality:
3	No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
	Assignments & Projects:
4	Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
	Cheating:
5	Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
	Forgery and Impersonation:
6	Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
	Other policies:
7	The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University

Administration.

