



Women Dental College, Abbottabad

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STUDY GUIDE FINAL YEAR BDS Paediartic Dentistry

Description:

Overview:

Program	Bachelor of Dental Surgery (BDS)
Course Name	Final year BDS- Paediartic Dentistry
Contact Hours	Clinicals:250 Lectures:17
Infrastructure Requirements	Lecture Hall ward

Faculty Responsible for Course Conduction:

Sr. No	Faculty	Designation
1.	Prof. Dr. Syed Imran Shah	Head of Department
2.	Dr. M Shahid	Assistant Professor
3.	Dr. Muhammad Abbas	Senior Lecturer

Details Of Supporting Staff:

Sr. No	Staff	Designation
1.	Dr Abdullah	MO
2.	Dr Ashraf	MO
3.	Dr Zalanda	MO
4.	Raheel	DSA
5.	Waleed	DSA
6.	M. Idris	DSA
7.	Nouman	DSA
8.	Daniyal	DSA
9.	Yasmen	DSA
10.	Abdul Rehman	DSA
11.	Aimen	DSA



Objectives & Learning Strategies/TOS:

S.No.	Topic	Learning Outcomes	Teaching Hours	Mode of Teaching	Assessment Tools
1.	Introduction to Dental surgery	<ul style="list-style-type: none"> • Behavior Management • Explain physiology of Child development 	02	lectures	MCQs SEQs Assignments
2.	History, Examination, risk assessment & treatment Planning	<ul style="list-style-type: none"> • Arrange Systematic History & Examination • Assessment of Caries risk • Create Treatment Plan 	02	Lectures Small group discussions	MCQs SEQs
3.	Management of Pain & Anxiety	<ul style="list-style-type: none"> • Use of Analgesics • Differentiate Between Pharmacological & Non-Pharmacological Management of Anxious Child 	01	lecture	MCQs SEQs
4.	Local Anesthesia for children	<ul style="list-style-type: none"> • Define local anesthesia 	01	lecture	SEQs, MCQs



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		<ul style="list-style-type: none"> Summarize different types of Local Anesthesia Apply various techniques of local anesthesia 			
5.	Diagnosis, Detection & Prevention of Dental Caries	<ul style="list-style-type: none"> Describe Dental Caries Explain Development of Dental caries Differentiate Between Dental caries & other Discoloration interpret Dental caries on Dental Radiographs Understanding of preventing of Dental caries 	02	Lectures Group discussions	SEQs MCQs OSCE
6.	Operative Treatment of Dental caries in Primary Dentition	<ul style="list-style-type: none"> Define early childhood caries Determine objectives of treatment in primary dentition Advantages & disadvantages of Dental Treatment 	02	lectures	MCQs SEQs

7.	Operative Treatment of Young Permanent Dentition	<ul style="list-style-type: none"> • Assessment of Caries Risk • Factors Requiring Consideration in development of dental caries • Management of Dental Caries • Explain Alternatives to Conventional cavity preparation 	02	Lectures Group Discussions	MCQs SEQs OSCE
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8.	Periodontal Diseases in Children	<ul style="list-style-type: none"> • Classification of periodontal diseases • Apply Basic periodontal examination • Management of periodontal diseases 	01	Lectures tutorials	MCQs SEQs
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9.	Traumatic Injuries to Teeth	<ul style="list-style-type: none"> • Classification of Traumatic Injuries • Interpretation of traumatic injuries • Management of traumatic injuries 	02	Lecture Small group discussions	MCQs SEQs
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10.	Anomalies of Tooth Form & Eruption	<ul style="list-style-type: none"> • Differentiate Normal & Abnormal variations in teeth • Management of abnormal variation 	01	Lectures	MCQs SEQs
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11.	Medically Compromised Patients	<ul style="list-style-type: none"> •Categorized different Systemic medical conditions •Management of medically compromised patient 	01		SEQs MCQs Assignments
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12.	Oral habits	<ul style="list-style-type: none"> • Identification of abnormal oral habits • Conclude adverse outcomes of abnormal oral habits • Develop treatment plan for elimination of oral habits 	01	lectures	MCQs SEQs
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Learning Resources:

Sr.No	Text/ Reference Books	Edition
1.	Text Book of Paediatric Dentistry	South Asian 5 th Edition

Additional Learning Resources:

Hands on	Demonstrations, workshops, Phantom Lab
ward Skills	Workshops, tutorials, Demonstration
Videos	YouTube

Assessment Methods:

MCQs:

Multiple Choice questions; Single best Type

OSPE/OSCE: Objective Structured Practical/Clinical examination

Presentation:

Multiple Choice Questions:

1. Single best type MCQs have five options with one correct answer and four distractors are part of assessment.
2. Correct answer carries one mark, and incorrect will be marked zero. The rule of negative marking is not applicable.
3. Students mark their responses on specified computer-based designed sheets.



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Objective Structured Practical/Clinical Examination

1. Five OSCE stations are used for formative as well as summative assessment.
2. Time allocated for each station is five minutes as per Examination rules of Khyber Medical University, Peshawar.
3. All students are rotated through the same stations.
4. Stations used are unobserved, observed, interactive and rest stations.
5. On unobserved stations, models, lab reports, radiographs, flowcharts, case scenarios may be used to assess cognitive domain.
6. On observed station, examiners don't interact with candidate and just observe the performance of skills /procedures.
7. On interactive stations, examiners ask questions related to the task within the allocated time.
8. At rest station, students are not given any task. They just wait to move to the next station.

Presentation:

Students are given topics for presentation either individually or in groups. They are encouraged to prepare presentations on power point to enhance their understanding of the topic.

Internal Assessment Criteria:

1. 10% weightage of Internal Assessment in professional exam is policy of Khyber Medical University.
2. This Internal Assessment will comprise of the following components.

THEORY: Marks out of 10%

- Attendance5%
- Midterms2%
- Pre-Prof.....3%

PRACTICAL: Marks out of 10%

- Attendance4%
- Ward Test..... 3%
- Logbooks.....2%
- Attitude.....1%



Examination Rules & Regulations:

1. One class test of the subject may be held monthly, marks of which will be included in internal assessment. Marks for class tests can vary according to syllabus and teachers' choice.
2. Mid-Term exam comprising 45 MCQs of single best type and 45 marks SEQs will be held in the middle of the session.
3. Pre-prof Exam comprising 45 MCQs of single best type and 45 marks SEQs will be conducted at the end of session before prep leaves.
4. The pattern of class tests, Mid-term & Pre-prof will be same as the Professional Exam taken by Khyber Medical University, Peshawar.
5. OSPEs will be conducted at the end of Mid-term & pre-prof Exam.

Feedback On Examination:

1. Students' feedback on assessment strategies will be taken in a preformed proforma for feedback twice a year i.e., Mid-term and pre-prof exams.
2. Feedback of theory as well as OSPE & Viva will be taken.
3. The Department of Medical Education & Quality Enhancement Cell in collaboration with Exam Cell of WDC is responsible to conduct this exercise.



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Suggestions For Next Academic Year:

- Students should be encouraged to read latest topics from list provided by International bodies.
- Article writing should be encouraged among students.
- Sessions of career counselling should be arranged for students.
- Students should be encouraged to attend workshops, to participate in different poster competitions at different forums.

Prepared By: Prof. Dr. Syed Imran Shah

