**GRADUATE PROGRAM IN PEDIATRIC DENTISTRY**

**Course : RDS 552 CARIOLOGY**

**Credit hour : ONE CREDIT HOUR**

**Format : DIDACTIC/SEMINAR**

**Session : MONDAYS, 1:00 PM – 1:50 PM (7TH Floor, Ped Seminar Room)**

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| **Week #** | **Date (2017)** | **Topic** | **Leading Student** | **Faculty &**  **Invited Faculty (+ )** |
| 1ST | 6 /2/ | Introduction |  | TS |
| 2ND | 13/2/ | Children Caries Risk I:   * Effect of the child’s psychology (EA, LA, MA) * Effect of birth order (NM, RK, SQ) | EA | TS +  Prof. A. Wyne |
| 3RD | 20/2/ | Children Caries Risk II:   * Socioeconomic status of the family (LM, MA, NM) * Parents’ education and occupation (RK, SQ, EA) | LM | TS + |
| 4TH | 27/2/ | Control and prevention of dental caries I:   * Fluoride harm and benefits on caries risk (ALL) | MA | TS + |
| 5TH | 6/3/ | Control and prevention of dental caries II:   * Mouthwashes (MA, NM, RK) * Fissure Sealant (SQ, EA, LM) | NM | TS +  Dr. H. Abdullatif |
| 6TH | 13/3/ | Take home assignment #1 is given  Fluoride releasing sealants and its effect on caries: An update (ALL) | RK | TS +  Prof. F. Salama |
| 7TH | 20/3/ | Discussion of the Take home assignment # 1 |  | TS |
| 8TH | 27/3/ | Role of saliva in dental caries processes (ALL) | SQ | TS +  Prof. R. Khouganian |
| Mid 2nd Semester Break | | | | |
| 9TH | 10/4/ | Food cariogenicity: An update (ALL) | EA | TS +  Dr. A. Al Swuialem |
| 10TH | 17/4/ | Genetic of dental caries (ALL) | LM | TS + |
| 11TH | 24/4/ | Take home assignment # 2 is given  Caries activity tests (ALL) | NM | TS + Dr. L. Bello |
| 12TH | 1/5/ | Discussion of the Take home assignment # 2 |  | TS |
| 13TH | 8/5/ | Molecular Microbiology of Dental Caries (ALL) | RK-SQ | TS + Dr. Fahad Al Salleeh |
| 14TH | 15/5/ | Virulence of bacteria causing dental caries (ALL) | MA | TS +  Prof. R. Khouganian |
| 15TH | 22/5/ | Review & Course evaluation |  | TS |

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| Eman Abouobaid (**EA**) | Lujane AlMurshed (**LM**) | Maram  Al Agla (**MA**) | Nourah AlMadhi (**NM**) | Rabiah AlKhalifah (**RK**) | Salma Al Qatari (**SQ**) |

**Grades’ Distribution:**

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| **#** | **Assessment task (e.g. essay, test, group project, examination, speech, oral presentation, etc.)** | **Week Due** | **Proportion of Total Assessment** |
| **1** | **Seminar Discussion** | **Weekly** | **30%** |
| **2** | **2 Take Home Assignments submission** | **6TH , 11TH** | **20% (10/1)** |
| **3** | **2 Take Home Assignments Presentations & Discussion** | **7TH , 12TH** | **10% (5/1)** |
| **4** | **Take Home Written Exam** | **14TH\*** | **40%** |

* *Although it will be given in the 14TH week, students should submit their answer in no later than 2 weeks from the day it is given.*

**Role of the invited faculty:**

1. Add his/her knowledge in the topic during the discussion.
2. He/She may be asked to write one of the assignments.

**Role of PG leading student:**

1. Be sure that all students submit their selected article/topic to her.
2. Make copies (or PDF file) of the selected articles and distribute to other students and course director as well as to the invited faculty member (at least one week before the date of the seminar).
3. Contact the invited faculty by email and send him/her the articles as well as inform him/her about the location of the seminar room. Ask him/her if he/she has or needs any special arrangements.
4. Make a report (HAND-WRITTEN) about the seminar she is assigned to be the leader:
   1. Title of the Seminar.
   2. Invited Faculty Name.
   3. Evaluate PG students’ presentation/participation in the discussion.
   4. Write one question in the format of “research question” in the topic of the seminar.
   5. Comment(s) if any.
   6. Submit the report to the course director in the following Monday.

**Requirements from ALL PG students:**

1. Attend ON TIME all seminars
2. Search the Medline and choose ONE article per topic. Give a copy of the article (in hard copy or PDF file) to the leading PG student of that topic.
3. Make a summary of the article you choose, and present it during the seminar (5 minutes presentation).
4. Read articles given by other students and participate in the discussion.
5. Make summary report (hand written) for every seminar.
   1. Title of the seminar.
   2. Maximum of 10 lines of the presentation/discussion given by the invited faculty.
   3. 3-5 lines per article discussed.
   4. Comment(s) if any.
   5. Submit the report to the course director in the following Monday.

**Take home assignment:**

1. There will be 2 take home assignments.
2. It will be in a format of research question.
3. It is required to answer the question in a “short research proposal format”.
4. Maximum of five pages per assignment – hand written.
5. It should be submitted by Thursday of the same week the assignment is given.

**Final Exam:**

* 1. It will be given in week 14. You will have maximum of 2 weeks to submit it.
  2. It will be in a format of research question.
  3. 2 research questions will be given: Choose **ONE**.
  4. It is required to answer the question in a research proposal format – hand written.
  5. It is required to write your proposal in “grant application format”.

**Note: You can always reach me thru my Email (**[**thakib@ksu.edu.sa**](mailto:thakib@ksu.edu.sa)**).**