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| PCS 413 | 1st Week |
| 1st Semester | 4 September 2014 |
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| **LECTURE NO. 1** | **LECTURER: Dr. M. ALSARHAN** |
| TITLE: Introduction to the course and discussion of the course outline | |
| AIM: Introduce the course objectives and ILOs  ILOs:   * Introduce the course * Explain the course outline * Clarify course objective * Explain mark distribution * Identify the course requirement * Name the required text books | |

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| **CLINICAL SESSION NO. 1** |
| ORIENTATION:   * Assignment of Instructors * PCS Clinical Evaluation Form * PCS History and Exam Form * PCS Diagnosis and Treatment Plan Form * Clinical Competency Exam Form * Sample Treatment Plan Form |

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| PCS 413 | 2nd Week |
| 1st Semester | 11 September 2014 |
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| **LECTURE NO. 2** | **LECTURER: Dr. M. Alsarhan** |
| TITLE: Classifications of Diseases and Conditions Affecting the Periodontium I and II | |
| AIM: Clarify and classify diseases and conditions affecting the periodontium  according to AAP 1999  ILOs:   * The students should be able to classify: * Gingival diseases * Periodontal diseases * Necrotizing periodontal disease * Abscess of the periodontium * Periodontitis associated with endodontic lesions * Developmental or acquired deformities and conditions   REFERENCE: ***CARRANZA’s Clinical Periodontology 11th Edition Chapter (4)*** | |

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| **CLINICAL SESSION NO. 2** |
| REVIEW OF:   * Data collection * Clinical examination * Radiographic interpretation * Clinical diagnosis * Prognosis * Treatment plan |

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| PCS 413 | 3rd Week |
| 1st Semester | 18 September 2014 |
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| **LECTURE NO. 3** | **LECTURER: Dr. M. AlQutub** |
| TITLE: The Surgical Phase of Periodontal Therapy and Classification | |
| AIM: Explain the need for surgical periodontal therapy and classify it  ILOs:   * The students should be able to: * Identify the objectives of the surgical phase * Contrast between pocket elimination and pocket maintenance * Apply re-evaluation after phase I therapy * Demonstrate indications for periodontal surgery * Describe critical zones in pocket surgery * Explain methods of pocket therapy   REFERENCE: ***CARRANZA’s Clinical Periodontology 11th Edition Chapter (52)*** | |

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| **CLINICAL SESSION NO. 3** |
| REVIEW OF:     * Non-Surgical Instrument * Sharpening Stones * Sharpening technique * Seating positions * Instrument grasping * Finger rest |

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| PCS 413 | 4th Week |
| 1st Semester | 25 September 2014 |
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| **LECTURE NO. 4** | **LECTURER: Dr. M. ALSARHAN** |
| TITLE: Surgical Anatomy of Periodontium and Related Structures | |
| AIM: Revise and maintain the important anatomical structures related to  periodontal surgery  ILOs:   * The students should be able to: * Describe the anatomy of the maxilla and related structures * Describe the anatomy of the mandible and related structures * Identify the presence and locations of exostoses * Recognize the intraoral muscles in relation to periodontal surgery * Identify anatomic spaces   REFERENCE: ***CARRANZA’s Clinical Periodontology 11th Edition Chapter (53)*** | |

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| **CLINICAL SESSION NO. 4** |
| * How to develop and improve Communication skills   REVIEW OF:     * Oral Hygiene instruction * Patients Motivation * Brushes and brushing techniques * Interdental Cleaning Aids |

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| PCS 413 | 5th Week | |
| 1st Semester | 16 October 2014 | |
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| **LECTURE NO. 5** | **LECTURER: Dr. M. ALSARHAN** |
| TITLE: General Principles of Periodontal Surgery (Rationale and Objectives) | |
| AIM: Introduce the rational and objectives of the general principle of periodontal  Surgery  ILOs:   * The students should be able to: * Compare between outpatient and hospitalized patients in regards to periodontal surgery * Value the importance of Consent Form * Explain the surgical side effects   REFERENCE: ***CARRANZA’s Clinical Periodontology 11th Edition Chapter 54 pg 525)*** | |

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| **CLINICAL SESSION NO. 5** |
| * Regular Patients |

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| PCS 413 | 6th Week |
| 1st Semester | 23 October 2014 |
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| **LECTURE NO. 6** | **LECTURER: Prof. Anil** |
| TITLE: Instruments for Periodontal Surgery | |
| AIM: Identify and recognize the different periodontal surgical instruments  ILOs:   * The students should be able to: * Classify the periodontal surgical instruments * Identify excisional and incisional instruments * Describe periosteal elevators * Compare between surgical curettes and sickles * Recognize the Surgical chisels and tissue forceps * Identify surgical Scissors, nippers and needle holders   REFERENCE: ***CARRANZA’s Clinical Periodontology 11th Edition Chapter (55 pg 541)*** | |

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| **CLINICAL SESSION NO. 6** |
| * Regular Patients |

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| PCS 413 | 7th Week |
| 1st Semester | 30 October 2014 |
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| **LECTURE NO. 7** | **LECTURER: Dr. AlHamdan** |
| TITLE: Sutures and Suture Technique | |
| AIM: To describe and illustrate the different suturing materials and techniques used in periodontal surgery  ILOs:   * The students should be able to: * Recognize the anatomy of the needle * Describes the different types of suturing materials * Apply the most commonly used suturing techniques in periodontal surgery   REFERENCE: ***Additional Reading*** | |

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| **CLINICAL SESSION NO. 7** |
| * Regular Patients |

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| PCS 413 | 8th Week |
| 1st Semester | 6 November 2014 |
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| **LECTURE NO. 8** | **LECTURER: PROF. ANIL** |
| TITLE: Periodontal Flap Surgical Procedures | |
| AIM: To classify and describe the different periodontal flap surgical procedures  ILOs:   * The students should be able to: * Classify the periodontal flaps * Identify the design of periodontal flap * Describe and differentiate the different periodontal Incisions * Illustrate periodontal flap elevation * Explain the healing process after periodontal flap surgery   REFERENCE:  ***CARRANZA’s Clinical Periodontology 11th Edition Chapter (57 pg 550)*** | |

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| **CLINICAL SESSION NO. 8** |
| * Regular Patients |

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| PCS 413 | 9th Week |
| 1st Semester | 13 November 2014 |
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| **LECTURE NO. 9** | **LECTURER: DR. M. ALSARHAN** |
| TITLE: Treatment of Gingival Enlargement | |
| AIM: To define and recognize the different treatment options for gingival enlargement  ILOs:   * The students should be able to: * Recognize chronic inflammatory enlargement * Differentiate between periodontal and gingival abscesses * Describe gingival enlargement associated with drug * Recall leukemic gingival enlargement * Describe gingival enlargement in pregnancy and puberty * Analyze the recurrence of gingival enlargement   REFERENCE:  ***CARRANZA’s Clinical Periodontology 11th Edition Chapter (58 pg 556)*** | |

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| **CLINICAL SESSION NO. 9** |
| * Regular Patients |

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| PCS 413 | 10th Week |
| 1st Semester | 20 November 2014 |
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| **LECTURE NO. 10** | **LECTURER: Dr. AlQutub** |
| TITLE: Preparation of Periodontium for Restorative Dentistry | |
| AIM: To understand the effect of different restorative and prosthodontics procedures on gingival health  ILOs:   * The students should be able to: * Comprehend the rationale for therapy * Appraise the importance of the biological width * Analyze the consequence of inadequate biological width * Explain the sequence of treatment * Recognize the steps for pre-prosthetic surgery   REFERENCE:  ***CARRANZA’s Clinical Periodontology 11th Edition Chapter (65 pg 608)*** | |

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| **CLINICAL SESSION NO. 10** |
| * Regular Patients |

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| PCS 413 | 11th Week |
| 1st Semester | 27 November 2014 |
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| **LECTURE NO. 11** | **LECTURER: Dr. Alzoman** |
| TITLE: Osseous Defects (Classifications and Diagnosis) | |
| AIM: To classify osseous defects and make the proper diagnosis  ILOs:   * The students should be able to: * Identify the bone destructions caused by extension of gingival inflammation * Differentiate between bone destruction caused by trauma from occlusion and bone destruction caused by systemic disorders * Categorize the factors determining bone morphology in periodontal disease * Recognize the bone destruction patterns in periodontal disease   REFERENCE:  ***CARRANZA’s Clinical Periodontology 11th Edition Chapter (14 pg 140)*** | |

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| **CLINICAL SESSION NO. 11** |
| * Regular Patients |

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| PCS 413 | 12th Week |
| 1st Semester | 4 December 2014 |
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| **LECTURE NO. 12** | **LECTURER: Dr. H. ALGHAMDI** |
| TITLE: Resective Osseous Surgery | |
| AIM: To explain and demonstrate the different bone resective surgical procedures  ILOs:   * The students should be able to: * Select the treatment technique rational * Recognize the normal alveolar bone morphology * Terminology * Identify the factors for selection of resective osseous surgery * Describe the osseous resective technique * Apply postoperative maintenance   REFERENCE:  ***CARRANZA’s Clinical Periodontology 11th Edition Chapter (60 pg 572)*** | |

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| **CLINICAL SESSION NO. 12** |
| * Regular Patients |

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| PCS 413 | 13th Week |
| 1st Semester | 11 December 2014 |
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| **LECTURE NO. 13** | **LECTURER: Dr. H. AlGhamdi** |
| TITLE: Regenerative Osseous Surgery I: Bone Grafting | |
| AIM: To explain and demonstrate the different bone regenerative procedures using bone grafts  ILOs:   * The students should be able to: * Evaluate the importance of new attachment and bone regeneration * Recognize the regenerative surgical techniques * Comprehend the bone graft materials * Describe bone grafting procedures * Identify the factors influencing a successful outcome.   REFERENCE:  ***CARRANZA’s Clinical Periodontology 11th Edition Chapter (61 pg 577)*** | |

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| **CLINICAL SESSION NO. 13** |
| * Live demonstration of surgical instruments, * Hands on workshop of periodontal flaps on animal head model |

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| PCS 413 | 14th Week |
| 1st Semester | 18 December 2014 |
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| **LECTURE NO. 14** | **LECTURER: Prof. Babay** |
| TITLE: Regenerative Osseous Surgery II : Guided Tissue Regenerations | |
| AIM: To explain and demonstrate the different bone regenerative procedures using Guided Tissue Regeneration (GTR)  ILOs:   * The students should be able to: * Define the different terminology related to GTR * Comprehend the objectives of the procedure * Recognize the GTR regenerative surgical techniques * Recognize the different regenerative surgical techniques   REFERENCE:  ***CARRANZA’s Clinical Periodontology 11th Edition Chapter (61 pg 577) + ADDITIONAL READING*** | |

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| **CLINICAL SESSION NO. 14** |
| * Live demonstration of surgical instruments, * Hands on workshop of periodontal flaps on animal head model |

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| PCS 413 | 15th Week |
| 1st Semester | 25 December 2013 |
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| MIDTERM WRITTEN EXAMINATION | |
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