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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 ILOsILOs:* 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 1999ILOs:* 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 itILOs:* 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 surgeryILOs:* 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 instrumentsILOs:* 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 surgeryILOs:* 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 enlargementILOs:* 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 healthILOs:* 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 diagnosisILOs:* 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 proceduresILOs:* 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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