

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

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| Course name | Removable Prosthodontic III |
| Course number | DENT4142 |
| Faculty | |
| Department | |
| Course type | Major Needs |
| Course level | 4 |
| Credit hours (theoretical) | 1 |
| Credit hours (practical) | 0 |
| Course Prerequisites | |

Course Objectives

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| 1 - Clinical steps of complete denture constructions |
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Intended Learning Outcomes

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| Knowledge and Understanding | * Upon completing this course , students will be able to : | Construction the |
| | complete denture clinically | |
| General Skill | * Good practical in dental clinic | |

Course Contents

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| 1 - Introduction |
| 2 - History Taking, Examination, Prognosis and Treatment Planning in Complete Denture Construction |
| 3 - Impression Making in Completely Edentulous Cases 1 |
| 4 - Impression Making in Completely Edentulous Cases 2 |
| 5 - mandibular movement 1 |
| 6 - mandibular movement 2 |
| 7 - RECORDING JAW RELATIONS 1 |
| 8 - RECORDING JAW RELATIONS 2 |
| 9 - Evaluation of the trial dentures base (Try-in stage) 1 |
| 10 - Evaluation of the trial dentures base (Try-in stage) 2 |
| 11 - Dental insertion |
| 12 - Complaints About Complete Dentures 1 |
| 13 - Complaints About Complete Dentures 1 |
| 14 - Complaints About Complete Dentures 2 |
| 15 - Relining ,Rebasing and Resilient lining |

Teaching and Learning Methods

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| 1 - Power point (presentation) |
| 2 - lectures |
| 3 - assignments |

Students Assessment

| <u>Assessment Method</u> | <u>TIME</u> | <u>MARKS</u> |
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| Midterm Written exam | 7th week | 50 |
| final Written exam | 14th week | 40 |
| final oral exam | 14th week | 10 |

Books and References

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| Course note | Essential of complete denture prosthetics | 2013 | Sheldon Wrinkler |
| | Prosthodontic treatment | 2012 | Zarb Bolender Carlessen |

Knowledge and Skills Matrix

| Main Course Contents | Study Week | Knowledge and Understanding | Intellectual Skills | Professional Skills | General Skill |
|---|------------|---|---|---|---|
| functions of a complete denture, retention of complete dentures, Aids to Retention, Stability of Complete Dentures ,Factors Affecting Stability of Complete Dentures | 1st week | functions of a complete denture, retention and stability of complete dentures | Factors Affecting retention and Stability of Complete Denture | evaluate retention and stability of complete denture | determined good complete denture |
| History taking, Visual , Digital , X-ray examination, houses classification for mental attitudes, Development of the treatment plan, Guide to Complete Denture Construction | 2nd week | History taking and making diagnosis | Guide to Complete Denture Construction | Development of the treatment plan | making diagnosis |
| Objectives of impression making, The Preliminary Impression, Procedure of impression making using compound and alginate | 3rd week | primary impression | which types of material for primary impression should be used | making primary impression with different materials | making primary impression |
| The Final Impression, Theories of final impressions, Procedures for recording the final impression, Materials used for final impression making, Nausea during impression making | 4th week | final impression | determined which material and technique should be used | making final impression with different materials and techniques | making final impression |
| Basic positions of the mandible, Movements of the mandible | 5th week | mandibular movement | identified Movements of the mandible | identified normal mandibular movement | identified mandibular movement and position |
| , Basic mandibular movements comprise, Opening movement, Protrusion, Retrusion, Lateral movement | 6th week | mandibular movements | identified pening movement, Protrusion, Retrusion, Lateral movement | identified normal mandibular movements | identified different mandibular movements |
| Adjustment of the upper record blocks Vertical Dimension, Techniques of establishing the vertical dimension | 7th week | vertical jaw relation | determined methods used to establish vertical dimation | establishing the vertical dimension | recording vertical dimation |
| horizontal relation, Interocclusal registration of centric relation, Gothic arch tracing method | 8th week | horizontal jaw relation | determined methods used to establish horizontal jaw relation | establishing horizontal jaw relation | recording jaw relation |
| Check the case on the articulator: Check the casts, Check the teeth, Check the trial denture bases on casts | 9th week | Evaluation of the trial dentures base | identified any problem in denture base and its causes | try in denture base on the articulator | evaluate denture base on the articulator |

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| Check the case on the patient's mouth: the upper denture alone, the lower denture alone, both dentures together, Patient's approval | 10th week | Evaluation of the trial dentures base | identified if there is any problem | try in denture base on patient's mouth | evaluate denture base on patient's mouth |
| Laboratory remount, Denture inspection, Trial placement of the denture, Clinical remount, Post-insertion instruction | 11th week | Dental insertion | inspect denture and determined if there is any error | insertion of denture on oral cavity ,inspect it and give Post-insertion instruction | insertion of denture |
| Pain, Inefficiency, Appearance, Poor retention, Instability, Clattering teeth, Nausea, Discomfort , Altered speech, | 12th week | Complaints About Complete Dentures | determine causes of patient complain | identify patient complain and treat it | identify patient complain |
| Biting the cheek and tongue, Food under the denture, Commissural (Angular) Cheilitis, Burning tongue and palate, Repeated midline fracture of upper denture | 13th week | Complaints About Complete Dentures | determine causes of patient complain | identify patient complain and treat it | identify patient complain |
| Reasons for relining and rebasing, Techniques of relining, Technique of rebasing, resilient lining. | 14th week | Relining ,Rebasing and Resilient lining | differentiate between Relining ,Rebasing and Resilient lining | determined where is needs for Relining ,Rebasing and Resilient lining | ability to make Relining ,Rebasing and Resilient lining |