



Course Specification of Third and Fourth year

University: **Beni-Suef** Faculty: **Dentistry**
Course Title: **Clinical Removable Prosthodontics** Course code: **DRP4 & DRP5**
Program on which the course is given: **Bachelor Degree in Dentistry graduate program**
Department offering the course: **Removable prosthodontics**
Academic year: **2023-2024 (3rd & 4th years)**
Date of specification approval: **9-2023**

A- Basic Information

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|-------------------------------------|-------------|
| Academic Year: | 2023-2024 |
| Course Code: | DRP4 & DRP5 |
| Course Theoretical (contact hours): | 2 |
| Practical (contact hours) | 6 |
| Total Hours: - | 8 |
| Prerequisite if any: | - |

B- Professional Information

Overall aims of course

- 1-Treat completely edentulous patient and various advanced cases of edentulism using complete denture prosthesis.
- 2- Diagnose the post-insertion complaints and manage the cause
- 3- Assess all advanced and complicated cases of completely edentulous arches
- 4-Differentiate all concepts of complete denture occlusion
- 5-Categorize basic science of dental implants
- 6- Treat partially edentulous patient using removable partial denture prosthesis.
- 7- Differentiate all maxillofacial defects and their management.

2- Intended learning outcomes of course (ILOs)

A: Knowledge and Understanding:

By the end of the course, students should be able to:

- a1. Identify the patient intended to construct complete denture.
- a2. Explain all clinical steps of complete denture construction.
- a3. Make thorough follow up of patient after complete denture delivery and manage his complaints.
- a4. Outline Occlusion of complete denture and its difference from natural occlusion.
- a5. Make prosthetic management of abused ridges including flat and flabby ones.
- a6. Implement immediate replacement of natural teeth.
- a7. Prosthetic management of single completely edentulous arch opposing either completely or partially dentulous arches.
- a8. Formulate Prosthetic management of few remaining natural teeth by construction of over- dentures.
- a9. Formulate Basic science of implant.
- a10 Compare Intra-coronal and extra-coronal attachments.
- a11- Make different treatment plans for partially edentulous patients.
- a12- Explain different clinical steps for removable partial dentures construction
- a13- Outline basic prosthetic management of congenital and acquired maxillofacial defects .

b. Intellectual skills:

- b1. Compare between different impression materials properties.
- b2. Judge the difference between different impression techniques.
- b 3. Conclude all tips and tricks of jaw relation record
- b4. Analyze patient expectations to reach patient satisfaction .
- b5. Evaluate all laboratory steps to acquire the ability to direct the technicians

c. Professional and practical skills:

- c1. Use and prepare the stock trays to make accurate primary impression .
- c2. Prepare accurate adapted special trays to be used for making good border seal and secondary impression.
- c3. Prepare well fitted and contoured occlusion blocks to be used in making jaw relations.
- c4. Conduct specific rules of setting up of teeth through making try-in
- c5. Examine waxing –up procedure in the laboratory to preserve good border seal during processing .
- c6. Examine laboratory steps of complete and partial dentures processing .
- c7. Perform complete denture delivery and adjust occlusion.
- c8. Conduct the post-insertion instructions.
- c9. Elicit the cause of patient complaints after denture insertion .

d. General and transferable skills:

- d1- d1. Explain self-evaluating ability.
- d2. Explain interpersonal skills and team working ability by research projects

3- Contents:

| Topic | Lecturer | Lectures | practical | Total Hours | weighing | ILOS covered by this topic | Teaching method used for this topic | Assessment methods used for this topic |
|---|-----------------------------|----------|-----------|-------------|----------|--|---------------------------------------|--|
| Diagnosis of completely edentulous and impression | Dr Reham | 5 | 18 | 23 | 23 | a 1,a 2,b1,b2,c1,c2,d1,d2 | -lectures - Practical -seminars | -written quizzes -written exams -practical exams -oral exam |
| Jaw relation record and Try-in | Dr shahinaz | 4 | 14 | 18 | 18 | a 2,a4,b3,b4,b5,c3,c4,c5,d1 | -lectures -practical | written quizzes -written exams -practical exams -oral exam |
| Delivery and Complaints | Dr sahar | 4 | 4 | 8 | 8 | a 2,a3,a4,b4,b5,c6,c7,c8,c9,d1 | -lectures -practical | -written quizzes -written exams -oral exam |
| Revision | Dr shahinaz | 1 | | 1 | 1 | - | -lecture | - |
| Management of Flat and flabby ridge | Dr Sahar | 3 | 3 | 6 | 7 | a1,a2,a4,a5,b1,b2,b3,b4,b5,c1,c2,c3,c4,c5,c6,c7,c8,c9,d1 | -lectures - Practical -seminars | -written quizzes -written exams -oral exam |
| Immediate and Single denture | Dr Sahar Dr Mohamd Hakim | 3 | 4 | 7 | 7 | a1,a2,a6,a7, b1,b2,b3,b4,b5,c1,c2,c3,c4,c5, c6,c7,c8,c9,d1 | -lectures - Practical -seminars | -written quizzes -written exams -oral exam |
| Occlusion | DrMohamed Hakim | 3 | 3 | 6 | 6 | a1,a2,a3,a4 | -lecture | -written quizzes -written exams -oral exam |
| Over-denture Implant | Dr Sahar | 3 | 3 | | 6 | a1,a2,a8,a9,b1,b2,b3,b4,c1,c2, d2 | -lectures -seminars | -written quizzes -written exams -oral exam |
| Attachments (online) | Dr Sahar | 1 | - | | 1 | a10,b4,d2 | -lecture | |

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| Diagnosis and primary impression P.D. | Dr. Shahinaz | 1 | 4 | | 5 | a11,a12,b1,b2,b4,c1,c2d1,d2 | -lectures - Practical | written quizzes -written exams -practical exams -oral exam |
| Principles of RPD design | Dr. Shahinaz | 5 | 16 | | 21 | a11,b4,b5,d1 | -lectures - Practical | |
| Surveying, Mouth preparation and impression. | Dr. sahar | 3 | 24 | 27 | 27 | a12,b4,b5,c6,d1 | -lectures - Practical | written quizzes -written exams -practical exams -oral exam |
| Metal try-in. PD try-in | Dr. Reham | 3 | 12 | 15 | 15 | a12,b3,b5,c3,c4,c6,d1 | -lectures - Practical | written quizzes -written exams -practical exams -oral exam |
| Initial placement and Complaints | Dr. Shahinaz | 1 | 4 | 5 | 5 | a12,b4,b5,c6,c7,c8,c9,d1 | -lectures - Practical | written quizzes -written exams -practical exams -oral exam |
| Revision. | Dr. Shahinaz | 2 | | 2 | 2 | - | - | - |
| Introduction terminology and Congenital Defects | Dr Mohamed hakim | 3 | | 3 | 3 | a13,d1 | -lectures | written quizzes -written exams -oral exam |
| Speech and Acquired Defects (online) | Dr.Reham Dr. Sahar | 4 | | 4 | 4 | a13,d1 | -lectures | written quizzes -written exams -oral exam |
| Radiotherapy Prosthesis Trismus | Dr Sahar | 3 | | 3 | 3 | a13,d1 | -lectures | written quizzes -written exams -oral exam |
| Splints and stents | Dr Reham | 3 | | 3 | 3 | a13,d1 | -lectures | written quizzes -written exams -oral exam |

4- Teaching and learning methods

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| Small group discussion / Brain storming. |
| Interactive lecture |
| Demonstrations. |
| Research project |
| Online sessions |
| Online Activities |

5- Student assessment methods

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| a. Written and short answer question. |
| b. Written and long essay. |
| c. Multiple choice questions (MCQ) |
| d. True or false question with justifying answer. |
| e. Practical / OSPE. |
| f. Project work. (case presentation done by every student) |
| g. Online work |

| Method | Matrix alignment of the measured ILOs/ assessment method | | | |
|-----------------------|--|----------------|------------------|-----|
| | K&U | LS | P&P.S | G.S |
| Final exam | a1, a2, a3, a4,a5,a6,a7 ,8a ,9a, 10a,a11,a12,a13 | b1, b2, b3 | | - |
| Practical exam | a2,a3,a4,a11,a12 | b1,b2 | c2,c3 | - |
| Oral Exam | a1,a2,a3, a4, a5 a6, a7,a8 ,a9,a10,a11,a12,a13 | b1,b2,b3,b4,b5 | c4, c5,c6,c7 ,c8 | - |

Assessment schedule

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|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|
| QUIZ No. 1 | QUIZ No. 2 | QUIZ No. 3 | QUIZ No. 4 | Practical Requirements |
| 14 th week | 26 th week | 14 th week | 26 th week | |
| 20 mark | 20 mark | 15 | 15 | 20 mark |

Weighting of assessments

| | Written | Practical | Oral Exam | Total course work |
|------------|---------|-----------|-----------|-------------------|
| Final Exam | 120 | 60 | 30 | 300 marks |

6- List of reference;

1- Course notes : PDF FILES OF COUSE LECTURES

2- Essential books (text books) :

- 1- Essentials of complete denture prosthodontics ; Winkler, Sheldon ,2021, 3rd edition .
- 2- Contemporary Implant Dentistry ; Carl E. Mish. Judsen C. Hickey, George A. Zarb, Charles L. Bolender. Boucher's Prosthodontics Treatment for Edentulous Patients, The C.V. Mosby Co. 2010.
- 3- George A. Zarb, Charles L. Bolender. Prosthodontics Treatment for Edentulous Patients Complete Dentures and Implant-Supported Prosthesis, The C.V. Mosby Co. 2004 12. Edition.
- 4- Stewarts Clinical Removable Partial Prosthodontics .
- 5- Mcrackens Removable Partial Prosthodontics .

Facilities required for teaching and learning

- 1- Semi-adjustable articulators, maxillary face bow.
- 2- Dental Surveyors.

Course coordinator: **Dr. Shahinaz Sayed - Dr. Sahar Ahmed**

Head of Department: **Ass Professor/Dr.Shahinaz Sayed**

Date: 9-2023