

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

|                            |                                 |
|----------------------------|---------------------------------|
| Course name                | Clinical Operative Dentistry IV |
| Course number              | DENT4153                        |
| Faculty                    |                                 |
| Department                 |                                 |
| Course type                | Major Needs                     |
| Course level               | 4                               |
| Credit hours (theoretical) | 0                               |
| Credit hours (practical)   | 1                               |
| Course Prerequisites       |                                 |

#### Course Objectives

|     |  |
|-----|--|
| 1 - | Understand the concept of selection of proper restorative material and its biological effects                          |
| 2 - | Be able to perform class II amalgam/ composite restoration on patients   |
| 3 - | Be able to perform compound class I amalgam/ composite restoration on patients   |
| 4 - | Know the various advantages, disadvantages, indications and contraindications of Direct Posterior Esthetic Restoration |

#### Intended Learning Outcomes

|                             |  |
|-----------------------------|--|
| Knowledge and Understanding | * Technique for amalgam & composite use in the treatment of the occlusal and proximal surfaces of posterior teeth  |
| Intellectual Skills         | * Students will develop good concentration on the topics which will result in good concentration, perception and nevertheless memory all of which leading to understanding , recollection, reproduction of the taught concepts (both theoretical and practical ) at any given time |
| Professional Skills         | * Able to provide the treatment details to patient /build up good dentistpatient relationship and provide the treatment best way possible and keeping the psychological status of the patient in mind  |
| General Skill               | * The students are encouraged to have an attitude for commitment to succeed in the field, work well with the fellow students and maintain good relationship with staff members/patients , with responsibility towards finishing all cases on time                                  |

#### Course Contents

|     |   |
|-----|---|
| 1 - | _Compound class I amalgam/ composite restorations _one case Upper |
| 2 - | _Compound class I amalgam/ composite restorations _one case Lower |
| 3 - | Class II amalgam / composite restorations _two cases Upper        |
| 4 - | Class II amalgam / composite restorations _two cases Lower        |

## Teaching and Learning Methods

- 1 - Explanation utilising Microsoft power point including pictures Explanations by drawing pictures
- 2 - Interactions with the students to explain the concepts taught to develop self interest and competition among the fellow students
- 3 - Complete supervision and instruction on each clinical case
- 4 - Clinical demonstrations , case presentation and supervision

## Students Assessment

| <u>Assessment Method</u>      | <u>TIME</u>     | <u>MARKS</u> |
|-------------------------------|-----------------|--------------|
| _Requirements _clinical cases | during semester | 50%          |
| Midterm Practical Exam        | 7th week        | 10%          |
| Final practical examination   | 14th week       | 20%          |
| Infection Control             | during semester | 10%          |
| Attendance, Behaviour         | during semester | 10%          |

## Books and References

|                   |  |
|-------------------|--|
| Essential books   | 1. Sturdevants Art and Science of Operative Dentistry (Roberson, Sturdevants Art and Science of Operative Dentistry) by Theodore Roberson, Harold O. Heymann, and Edward J. Swift. 2006. 2. Textbook of Operative Dentistry by Sharad Chandra and Sangita Chandra. 2008        |
| Recommended books | 3. Principles of Operative Dentistry by A. J. E. Qualtrough, Julian Satterthwaite, Leean Morrow, and Paul Brunton. 2005. 4. Conservative Dentistry Including Endodontics: Questions and Answers by Bansal. 2008. 5. Pre-Clinical Conservative Dentistry by Vimal K Sikri. 2009 |