

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Clinical Operative Dentistry VI
Course number	DENT5155
Faculty	
Department	
Course type	Major Needs
Course level	5
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 effect
2 - Know the various advantages, disadvantages, indications and contraindications of Direct Posterior Esthetic Restoration
3 - Understand the various esthetic procedures and its clinical application
4 - Know the various failures of operative restorations and how to counteract them
5 - Know how to manage the badly broken tooth
6 - Understand the concept of minimal intervention dentistry
7 - Know the various causes of discoloration of vital teeth and its management
8 - Apply the rubber dam

Intended Learning Outcomes

Knowledge and Understanding	* Utilize minimal intervention dentistry concepts as and when required in patients. Perform cavity preparations for composite restorations. Technique for composite use in the treatment of the occlusal and proximal surfaces. Treatment of Vital Discolored 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 th taught concepts (both theoretical and practical) atany given time
Professional Skills	* Able to provide the treatment details to patient /build up good dentist patient relationship and provide the treatment best way possible and keeping the psychological statusof patients 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, with responsibility towards finishing all assignments on time

Course Contents

- 1 - Class II amalgam / composite restorations _two cases Lower
- 2 - Class II amalgam / composite restorations _two cases Upper
- 3 - Class III composite restorations _two cases
- 4 - Class IV composite restorations _two cases
- 5 - Composite veneer restoration
- 6 - Restoration of endodontically treated teeth - post and core

Teaching and Learning Methods

- 1 - Clinical requirement are set at a definite number
- 2 - Clinical demonstrations , case presentation and supervision
- 3 - Explanation utilising Microsoft power point
- 4 - Interactions with the students to explain the concepts taught to develop self interest and competition among the fellow students
- 5 - Complete supervision and instruction on each clinical case

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Requirements -clinical cases	during semester	50%
Final practical examination	14th week	20%
Midterm Practical Exam	7th week	10%
Infection Control	during semester	10%
Attendance and behaviour	during semester	10%

Books and References

Essential books	Sturdevants Art and Science of Operative Dentistry (Roberson, Sturdevant s Art and Science of Operative Dentistry) byTheodore Roberson, Harold O. Heymann, and Edward J. Swift. 2006. 2. Textbook of Operative Dentistry by Sharad Chandra and Sangita Chandra . 2008
Recommended books	Principles of Operative Dentistry by A. J. E. Qualtrough, Julian Satterthwaite, Leean 2.Conservative Dentistry Including Endodontics by Bansal 2008