



SEALANT CERTIFICATION SYLLABUS- blended format

The class size shall be limited to twenty-four (24) students, and the clinical instructor-to student ratio must be one instructor per eight students (1:8) for the clinical portion of the course.

Number of Hours: 6

OBJECTIVES

At the completion of this course the students will be able to:

1. Understand Indication/contraindications for sealants
2. Different sealant materials
3. Infection Control Procedures
4. Preparation of teeth for sealants and proper placement of sealant
5. Education of patient and/or parent regarding sealants

COURSE OUTLINE

DIDACTIC

The didactic portion of the course shall include instruction in all the following subject matters:

1. Indication/contraindications for sealants
2. Preparation of teeth for sealants
3. Proper isolation and moisture control of teeth for sealants, including rubber dam, dri-angles, cotton rolls, and retractors
4. Education of patient and/or parent regarding sealants
5. Sealant materials, including light curing, self-curing
6. Acid etching, including proper use and negative aspects
7. Infection control
8. Tooth anatomy, including fossa, pit, fissure, groove, and occlusion
9. Armamentarium.

CLINICAL

The course provider/instructor shall conduct clinical experience for a minimum of four hours. The clinical portion of the course shall include instruction in each of the following areas:

1. Patient assessment
2. Proper tooth isolation and preparation for sealants.

3. Infection control
4. Evaluation of proper technique in the placement of sealants
5. Evaluation by instructors of completed sealants and occlusion
6. Patient education, including self-checks and regular dental examinations.

MATERIAL & EQUIPMENT

Necessary materials and instruments will be provided by the school.

1. Sealant material, phosphoric acid, and micro-brush
2. 10 extracted posterior teeth (sterilized)
3. Mouth mirror, explorer, cotton pick-ups, articulating paper and forceps, dri-angles

METHODS OF EVALUATION

TEST

The passing grade is set a seventy-five percent (75%). Review will be offered before re-testing. Upon completion of the course, students shall be evaluated by written examination. A student who initially fails the examination may retake the examination no more than two (2) times. In the event a student takes the examination a total of three (3) times and fails, the students shall be required to retake the course and retake the examination.

CLINICAL EVALUATION

The course shall require a clinical portion in which each student shall complete pit and fissure sealants on at least fourteen sterile extracted teeth. The instructor must verify that the participant has passed the clinical portion.

Once the RDA receives a temporary sealant application from the board of Dentistry, they have 90 days to submit the completion and competency of the following teeth under supervision of a dentist. The dentist must sign off on the items below.

1. 4 permanent maxillary molars
2. 4 permanent mandibular molars
3. 2 maxillary or mandibular premolars