

# Certification in Sealant Application

Dr. Billy W. McCann Sr.

This course is approved by the Tennessee Board of Dentistry.

Course Objectives:

- Identification of indications and contraindications for the placement of sealants
- Recognition of anatomic landmarks on teeth that influence sealant placement
- Infection control guidelines when applying sealants
- Determination of the armamentarium needed to place sealants
- Compare the various types of sealant material
- Education patients about sealants
- Description of acidetching technique
- Compare the various methods of moisture control necessary when applying sealants
- Prepare a tooth for a sealant including isolation and acid etching
- Seal a tooth following a predetermined regimen
- Self evaluate the success of sealant placement.

On successfully completing a test given the same day as the course, the Board of Dentistry will issue you a new certificate with Sealant Application printed on your certificate. Once you receive the certificate, you are authorized to begin applying sealants if directed by the dentist.

**Course Time:** 9:00 AM to 5:00 PM (Sign-in at 8:30 AM)

**Tuition:** \$199 per assistant. Registrants must be registered dental assistants in the State of Tennessee. Continental breakfast, group lunch and handouts will be provided.

**Items to Bring:**

- Clinic attire including gloves, mask, safety glasses and gown
- Two autoclaved extracted posterior teeth mounted in plaster. It is best to be with no or minimal restoration.

- Sealant light

• **Slow speed air driven handpiece (Four hole, connector, friction angle hand piece and motor for the hand piece, along with a prophylaxis angle.)**

- Composite finishing burr to adjust occlusion

- Sealant used in your office if it is ADA approved

• **Completed Consent, medical history form and disclaimer form on patient. We will also need a copy of your declarations page of your insurance.**

- Patient- All participants will be sealing a minimum of four teeth either on another participant or a patient that they bring. **A dentist must verify the teeth are suitable for sealing.** A verification form will be sent to you before the course is given. If the patient is under 18 parents must have given permission.

# Certification in Dental Radiology

Jahanzeb Chaudhry, DDS, MDS

This course is approved by the Tennessee Board of Dentistry.

Course Objectives:

At the completion of the course, participants will be able to:

- Describe the basic nature, characteristics and radiological significance of atomic radiations.
- Describe the nature and significance of radiation absorption-scattering phenomena.
- Describe the production and quantitative/qualitative control of X-rays.
- Describe radiographic exposure variables and their relationships.
- Describe major mechanisms involved in biological responses to ionizing radiations.
- Describe radiation doses associated with intraoral and extraoral radiographic procedures and background radiation.
- Communicate radiation doses associated with dental radiography to concerned patients in lay terms.
- Describe the basic factors in patient and operator radiation protection.
- Identify by name the intraoral and extraoral image receptors and radiographs used in dentistry.
- Describe geometric principles of image formation.
- Describe the nature and characteristics of image receptors including radiographic films, screens, grids, and digital image receptors.
- Describe and perform intraoral and panoramic radiographic examinations with appropriate infection control measures.
- Describe processing chemicals, manual & automated film processing.
- Perform automated film processing, break down and re-assemble automated processors for maintenance.
- Organize (mount) radiographic examinations.
- Evaluate the quality of intraoral and panoramic radiographs.
- Describe State and major NCRP radiation regulations.
- Describe quality assurance and quality control methods relating to X-ray equipment and darkroom.

**Course Time:** 8:30 AM to 5:00 PM (Sign-in at 8:00 AM)

**Tuition:** \$475 per assistant. Registrants must be registered dental assistants in the State of Tennessee. Continental breakfast, group lunch on Friday and handouts will be provided.

**Items to Bring:** The required textbook for the course is “Radiology for the Dental Professional” 8th edition by Frommer and Stabulas-Savage, published by Elsevier Mosby.

**Credit:** Sealant Course = 8 credit hours  
Radiology Course = 15 credit hours

**Location:** UTHSC, Humphreys General Education Building, corner of Madison and Dunlap, Memphis, TN. Parking is available in the parking garage located at 869 Madison Avenue next to the building. Parking is \$5.00.



**Dr. Billy W. McCann, Sr.** is a professor in the University of Tennessee Department of Pediatric Dentistry and Oral Health. After many years experience in private practice with his son, Dr. Wes McCann, he joined the staff at the University. Dr. McCann serves in the department of pediatric dentistry in the undergraduate and the graduate department at the college.



**Dr. Jahanzeb Chaudhry** is an assistant professor of oral and maxillofacial radiology at the University of Tennessee College of Dentistry and College of Medicine. He also serves as the director of the division of oral and maxillofacial radiology at the University of Tennessee College of Dentistry. He is a certified oral and maxillofacial radiologist and has completed his radiology training at the University of Connecticut Health Science Center and received a Master of Dental Science degree from the University of Connecticut Graduate School. Dr. Chaudhry is an active member of the American Academy of Oral and Maxillofacial Radiology, Radiological Society of North America, American Dental Education Association and European Society of Radiology. He is actively involved in undergraduate and graduate teaching and practice of oral and maxillofacial radiology.

Registration Form: You will receive acknowledgement of your enrollment by mail. Duplicate and complete one registration form for each registrant and send, along with payment, to the address below. Registrations will be accepted in order of receipt. Please direct all questions to the Continuing Education office at (901) 448-5386, or email [utcede@utmem.edu](mailto:utcede@utmem.edu).

Name (Last) First Middle

Home Address

City, State, Zip

Home Phone Cell Email

SS# TN License # Date of License Registration

Select the certification course and option in which you wish to enroll.

**Sealant Application- \$199**

\_\_\_\_\_ Friday, August 28, 2009

**Dental Radiology-\$475**

\_\_\_\_\_ Friday and Saturday, September 18-19, 2009

This is a limited attendance course. Applications will be accepted in order of receipt. Full payment is due with application

**PAYMENT INFORMATION** (pay by check, MasterCard or VISA)

Circle one: MC VI Amount enclosed: \_\_\_\_\_

Check/Card Number Expiration Date

Cardholder Signature

Make checks Payable to **The University of Tennessee**

Send Completed Application and Payment to

**Continuing Dental Education, 875 Union Ave, Memphis, TN 38163**

or Fax to 901-448-1514

If you must cancel your registration, please notify the Continuing Dental Education Department as soon as you determine you are unable to attend. A full refund is given to those who cancel at least two weeks before the course. An administration fee of 25% of the course fee is deducted from the refund if cancellation occurs within two weeks of the

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University of Tennessee Health Science Center  
Continuing Dental Education  
875 Union Avenue  
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# Certification Courses for Dental Assistants

## Sealant Application and Dental Radiology



The University of Tennessee  
Health Science Center  
**College of Dentistry**  
**Continuing Dental Education**  
Memphis, Tennessee



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