Registered Dental Assistant Course to Place Intravenous Lines

Dates: Saturday-Sunday, October 24-25, 2015
Time: Registration – 7:30 a.m. ET
Course – 8 a.m. – 5 p.m.
Credit: 18 CE hours
Location: University of Kentucky Campus, Wethington Building, Lexington, KY
Tuition: Before September 26, 2015: $595 auxiliary
After September 26, 2015 $650 auxiliary

Educational Method – Live Interactive Lecture and Hands-on Format
Limited Enrollment: 30
Mail-In and online registrations must be received by October 16, 2015

Course Description
This course fulfills the Kentucky Board of Dentistry’s requirement for dental assistants and will provide certification regarding dental assistants placing intravenous lines under the direct supervision of their dentist. This course has been approved by the Kentucky Board of Dentistry. A dental assistant who successfully completes this course should be considered appropriately trained and certified under Section 5 or 201 KAR 8:571 to start IV’s in the dental office.

This two-day course is intended to provide dental assistants with the knowledge and skills to help their dentist manage and assist with parenteral intravenous sedation cases performed in the dental office. The faculty will provide practical advice on patient assessment, patient monitoring and medical emergency management. Course instructors will maintain a graded evaluation of clinical performance of students when performing venipuncture on actual clinical subjects. In addition, dental assistants will take two written exams (one exam each day), to assess the level of understanding and knowledge of key information presented over this two-day course.

Educational Objectives
Upon completion of this course, participants should be able to do the following:

• Identify all the different routes of drug administration and the advantages and disadvantages of the intravenous route
• Describe in broad terms the anatomy and physiology of the circulatory systems and its components
• Recognize medical and sedation emergencies in the dental office and be able to respond appropriately
• Identify sites for venipuncture and place angiocaths into appropriate veins with proficiency
• List all the equipment associated with intravenous infusions and the appropriate selection and handling of that equipment, including needles, catheters, types of fluid, and special equipment used for children
• Discriminate generally between good and poor venipuncture sites, and specifically, make an informed decision with regards to a patient’s best sites for venipuncture

Lecture topics will focus on:
• Assessment of the patients medical condition
• Medical conditions that impact treating patients with IV sedation
• Current methods of sedation administration
• Drugs commonly used in sedation
• Common medical emergencies and emergency management

Small group lab demonstrations will focus on:
• Patient monitoring and airway management
• Monitoring equipment
• Record maintenance
• Discriminate generally between good and poor venipuncture sites, and specifically, make an informed decision with regards to a patient’s best sites for venipuncture.

Dental Assistant Sedation Course Agenda and Curricula

Saturday, October 24, 2015

8:00 Introduction and course overview
8:15 Pretest #1: what you will learn today
8:30 Overview of dental sedation and anesthesia regulations
9:00 Armamentarium for venipuncture
  -“Tools” of the trade: Angiocaths, IV lines, solutions, drugs
  -Setting up and drawing medications
  -Anatomy of a venipuncture
10:00 Practice on models: hand, forearm, antecubital, and other sites
11:00 Managing the airway
  -Review and practice
12:00 Lunch and learn: Geriatric patients: what’s different?
1:00 Monitoring and documentation
  -Guidelines for record keeping
2:00 Sedation pharmacology
  -Nitrous oxide/oxygen pharmacology and set-up
  -What you need to know about the drugs you give
3:00 Practice on models: hand, forearm, antecubital, and other sites
  -Practice managing the airway
4:30 Review the day’s pretest and next day’s agenda
5:00 Class ends

Sunday, October 25, 2015

8:00 Pretest #2: What you will learn today
8:15 Practice venipuncture and airway management
9:00 Clinical competency assessment
  -Placement of monitoring devices and sedation armamentarium
  (Blood pressure, pulseoximeter, EKG leads, nasal canula, IV bag, tubing, tegaderm, tourniquet, angiocath)
10:00 Practical exam: review and competency on venipuncture placement (& airway)
  -Venipuncture competency: Must begin 2 IVs on a person & evaluated by instructor
12:00 Lunch and learn: Overview of sedation complications
1:00 Medical emergencies: What do you do when problems occur?
2:00 Recognizing and role-playing sedation and medical emergencies
4:30 Review second day’s pretest and course evaluation
5:00 Class Ends

Course Instructors

Ted P. Raybould, DMD, is a professor in the Department of Oral Health Practice, University of Kentucky College of Dentistry where he is director of Kentucky Clinic Dentistry and the General Practice Residency Program. He received his dental degree from the UK College of Dentistry in 1981. In 1982, he completed a general practice residency program at the College of Dentistry. Dr. Raybould is a certified CPR/BLS instructor and an affiliate faculty member
of the American Heart Association. Dr. Raybould, in partnership with Dr. Robert Henry, presents hands-on “Moderate Sedation Courses” for dentists and dental assistants.

Robert G. Henry, DMD, MPH, is the Chief of Dental Services at the Department of Veteran’s Affairs Medical Center and a clinical associate professor at the UK College of Dentistry. Dr. Henry received his dental degree from the UK College of Dentistry in 1981, a GPR certificate from the University of North Carolina in 1983, and a Masters degree in Public Health with an emphasis on Gerontology from Loma Linda University in 1985. He currently serves as the dental director of the Mission Lexington Dental Clinic.

Dress Code
Professional office scrubs

Lecture/Participation: CEU(s) - 18

Education Method: Live Interactive Lecture and Participation Format

Refund Policy
A full refund, less a $100 processing fee, will be issued for all cancellations received in writing 1 month prior to the course date. A refund, less a $200 processing fee will be given for cancellations received in writing two weeks prior to the course date, with no refund thereafter. Refunds cannot be given for cancellations on or after the course starting date.

Cancellation Policy
UK College of Dentistry Continuing Education reserves the right to cancel, modify date, course content, program faculty and activities when circumstances warrant. Pre-registered participants will be notified if a course will not be presented should circumstances warrant such action. In the event a course is cancelled, tuition will be refunded.

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The University of Kentucky College of Dentistry designates this activity for 18 hours of continuing education credits.