

The Ohio State Dental Board updated the rules regarding CE for the administration of N20-02 by dental personnel.

In both Ohio Administrative Code Sections 4715-9-01.2 (dental hygienists) and 4715-11-02.1 (dental auxiliary) the language specifically states that they, “must have completed a basic life-support training course certified by the American heart association, the American red cross, or the American safety and health institute, and remain current at all times when administering/monitoring...”

In addition to the BLS requirement, the rules also require a course in the administration of N20-02 by dental personnel.

These sections are both very specific regarding the didactic content of the course. Both courses must include the following:

1. The history, philosophy and psychology of N 2 O-O 2 minimal sedation
2. Definition and descriptions of the physiological and psychological aspects of pain and anxiety
3. Concepts and management of pain and anxiety
4. Anatomy and physiology of respiration
5. Medical assessment of the patient prior to administration of N 2 O-O 2 minimal sedation
6. Moderate and deep sedation/general anesthesia versus minimal sedation
7. Pharmacological and physiological effects of nitrous oxide
8. Management of complications and medical emergencies
9. Legal and ethical considerations
10. Occupational exposure

However, the following topics **MUST** be covered in the didactic portion of the dental hygiene administration curriculum:

1. Indications and physiology of respiration
2. Armamentarium used in the administration of N 2 O-O 2 minimal sedation
3. Initiation, adjustment, monitoring, and termination of N 2 O-O 2 minimal sedation
4. Description of the stages of drug induced central nervous system depression through all levels of consciousness and unconsciousness with special emphasis on the distinction between the conscious and unconscious state

5. Armamentarium used in the administration of N2O-O2 minimal sedation
6. Initiation, adjustment, monitoring and termination of N2O-O2 minimal sedation

Additionally, the following topics **MUST** be provided in the dental assistant monitoring curriculum and is **NOT** required for the administration course:

1. Indications and contraindications for N2O-O2 minimal sedation
2. A description of the stages of drug induced central nervous system depression through all levels of consciousness and unconsciousness with special emphasis on the distinction between the conscious and unconscious state
3. Monitoring of N2O-O2 minimal sedation

The clinical portion of the dental hygiene administration course has an additional four (4) specific topics which are to be covered in addition to the aforementioned didactic portions. These are:

1. Patient status assessment
2. Safe and effective use of appropriate armamentarium
3. Techniques for administration of N2O-O2 minimal sedation
4. Post-operative care of the patient