

**650—29.6 (153) Nitrous oxide inhalation analgesia.**

**29.6(1)** A dentist may use nitrous oxide inhalation analgesia sedation on an outpatient basis for dental patients provided the dentist:

- a.* Has completed a board approved course of training; or
- b.* Has training equivalent to that required in 29.6(1) “*a*” while a student in an accredited school of dentistry, and
- c.* Has adequate equipment with fail-safe features and minimum oxygen flow which meets FDA standards.
- d.* Has routine inspection, calibration, and maintenance on equipment performed every two years and maintains documentation of such, and provides documentation to the board upon request.
- e.* Ensures the patient is continually monitored by qualified personnel while receiving nitrous oxide inhalation analgesia.

**29.6(2)** A dentist utilizing nitrous oxide inhalation analgesia shall be trained and capable of administering basic life support, as demonstrated by current certification in a nationally recognized course in cardiopulmonary resuscitation.

**29.6(3)** A licensed dentist who has been utilizing nitrous oxide inhalation analgesia in a dental office in a competent manner for the 12-month period preceding July 9, 1986, but has not had the benefit of formal training outlined in paragraph 29.6(1) “*a*” or 29.6(1) “*b*,” may continue the use provided the dentist fulfills the requirements of paragraphs 29.6(1) “*c*” and “*d*” and subrule 29.6(2).

**29.6(4)** A dental hygienist may administer nitrous oxide inhalation analgesia provided the administration of nitrous oxide inhalation analgesia has been delegated by a dentist and the hygienist meets the following qualifications:

- a.* Has completed a board-approved course of training; or
- b.* Has training equivalent to that required in 29.6(4) “*a*” while a student in an accredited school of dental hygiene.

**29.6(5)** A dental hygienist or registered dental assistant may monitor a patient under nitrous oxide inhalation analgesia provided all of the following requirements are met:

- a.* The hygienist or registered dental assistant has completed a board-approved course of training or has received equivalent training while a student in an accredited school of dental hygiene or dental assisting;
- b.* The task has been delegated by a dentist and is performed under the direct supervision of a dentist;
- c.* Any adverse reactions are reported to the supervising dentist immediately; and
- d.* The dentist dismisses the patient following completion of the procedure.

**29.6(6)** A dentist who delegates the administration of nitrous oxide inhalation analgesia in accordance with 29.6(4) shall provide direct supervision and establish a written office protocol for taking vital signs, adjusting anesthetic concentrations, and addressing emergency situations that may arise.

**29.6(7)** If the dentist intends to achieve a state of moderate sedation from the administration of nitrous oxide inhalation analgesia, the rules for moderate sedation apply.