

**650—29.3(153) Nitrous oxide inhalation analgesia.**

**29.3(1)** A dentist may use nitrous oxide inhalation analgesia sedation on an outpatient basis for dental patients provided the dentist has completed training and complies with the following:

- a. Has adequate equipment with fail-safe features.
- b. 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.
- c. Ensures the patient is continually monitored by a patient monitor while receiving nitrous oxide inhalation analgesia.

**29.3(2)** A dentist shall provide direct supervision of the administration and monitoring of nitrous oxide and establish a written office protocol for taking vital signs, adjusting anesthetic concentrations, and addressing emergency situations that may arise. The dentist shall be responsible for dismissing the patient following completion of the procedure.

**29.3(3)** A dental hygienist may administer and monitor nitrous oxide inhalation analgesia provided the services have been prescribed by a dentist and the hygienist has completed training while a student in an accredited school of dental hygiene or a board-approved course of training.

**29.3(4)** A dental assistant may monitor a patient who is under nitrous oxide after the dentist has induced a patient and established the maintenance level, provided the dental assistant has completed a board-approved expanded function course. A dental assistant may make adjustments to decrease the nitrous oxide concentration while monitoring the patient or may turn off oxygen delivery at the completion of the dental procedure.

**29.3(5)** Record keeping. The patient chart must include the concentration administered and duration of administration, as well as any vital signs taken.

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