

481—579.1(153) Nitrous oxide inhalation analgesia.

579.1(1) A dentist may use nitrous oxide inhalation analgesia 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 inspection and maintenance performed on equipment as needed to ensure its proper performance, maintains documentation of such, and provides the documentation to the board upon request.
- c.* Ensures the patient is continually monitored by a patient monitor while receiving nitrous oxide inhalation analgesia.

579.1(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 is responsible for the dismissal of the patient following completion of the procedure.

579.1(3) A dental hygienist may administer and monitor nitrous oxide inhalation analgesia when the services have been prescribed by a dentist and the hygienist has completed board-approved training.

579.1(4) A dental assistant who has completed a board-approved expanded function course or holds a current Dental Anesthesia Assistant National Certification Examination (DAANCE) certification may monitor a patient who is receiving nitrous oxide after the dentist has induced the patient and established the maintenance level. 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.

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