

AMENDATORY SECTION (Amending WSR 10-23-001, filed 11/3/10, effective 12/4/10)

**WAC 246-817-701 Administration of anesthetic agents for dental procedures.** The purpose of WAC 246-817-701 through 246-817-790 is to govern the administration of anesthetic, sedation, and general anesthesia by dentists licensed in the state of Washington in settings other than hospitals as defined in WAC 246-320-010 and ambulatory surgical facilities as defined in WAC 246-310-010, pursuant to the ((DQAC)) dental quality assurance commission or commission authority in RCW 18.32.640.

(1) The ((DQAC)) commission has determined that sedation or anesthesia permitting should be based on the ((=))level((=)) of ((anesthesia)) sedation or anesthesia because ((anesthesia/sedation)) sedation or anesthesia is a continuum, and the route of administration and drug combinations are both capable of producing a deeper level of ((sedation/anesthesia)) sedation or anesthesia than is initially intended. Practitioners intending to produce a given level of sedation should be able to rescue patients who enter a state deeper than initially intended.

(2) All anesthesia providers must provide ((twenty-four)) 24 hour, on-call availability following an anesthesia procedure ((, excluding those procedures using only local anesthetic)).

(a) A licensed dentist that only administers local anesthesia shall provide timely telephonic or electronic communication with the patient or their representative by the provider or a designated provider.

(b) In the event a licensed dentist will be unavailable for prompt assistance, the licensed dentist shall have a prearranged agreement with another provider that is readily available to provide care to a patient.

(3) The dental assistant and expanded function dental auxiliary may not administer any general or local anesthetic, including intravenous sedation.

(4) A licensed dentist shall conduct a self-assessment of their office preparedness for emergencies, proper emergency equipment, and emergency drugs annually. The annual self-assessment attestation must be maintained for five years.

(5) A licensed dentist who holds a valid moderate sedation with parenteral agents or general anesthesia permit shall conduct a self-inspection using the appropriate commission's on-site inspection form annually. The annual self-inspection form shall be maintained for five years.

AMENDATORY SECTION (Amending WSR 13-15-144, filed 7/23/13, effective 8/23/13)

**WAC 246-817-710 Definitions.** The definitions in this section apply throughout WAC 246-817-701 through 246-817-790 unless the context clearly requires otherwise.

(1) "Advanced cardiac life support" or "ACLS" means a set of clinical interventions for the urgent treatment of cardiac arrest,

stroke, and other life-threatening medical emergencies, as well as the knowledge and skills to deploy those interventions.

(2) "American Society of Anesthesiologist patient classification I" means a normal healthy patient.

(3) "American Society of Anesthesiologist patient classification II" means a patient with mild systemic disease.

(4) "American Society of Anesthesiologist patient classification III" means a patient with severe systemic disease.

(5) "American Society of Anesthesiologist patient classification IV" means a patient with severe systemic disease that is a constant threat to life.

(6) "Analgesia" ((is)) means the diminution of pain in the conscious patient.

((2)) (7) "Anesthesia" ((is)) means the loss of feeling or sensation, especially loss of sensation of pain.

((3)) (8) "Anesthesia monitor" means a credentialed health care provider specifically trained in monitoring patients under sedation and capable of assisting with procedures, problems and emergency incidents that may occur as a result of the sedation or secondary to an unexpected medical complication.

((4)) (9) "Anesthesia provider" means a dentist, physician anesthesiologist, dental hygienist, or certified registered nurse anesthetist (CRNA) licensed ((and)), authorized, competent, and qualified to ((practice)) perform anesthesia within the state of Washington.

((5)) (10) "Automated external defibrillator" or "AED" means a portable electronic device that automatically diagnoses the life-threatening cardiac arrhythmias of ventricular fibrillation and pulseless ventricular tachycardia, and is able to treat through defibrillation.

(11) "Basic life support" or "BLS" means a type of care health care providers and public safety professionals provide to anyone who is experiencing cardiac arrest, respiratory distress, or an obstructed airway.

(12) "Carbon dioxide" or "CO<sub>2</sub>" means a gas consisting of one part carbon and two parts oxygen.

(13) "Close supervision" means that a supervising dentist whose patient is being treated has personally diagnosed the condition to be treated and has personally authorized the procedures to be performed. The supervising dentist is continuously on-site and physically present in the treatment facility while the procedures are performed by the assistive personnel and capable of responding immediately in the event of an emergency. ((The term)) Close supervision does not require a supervising dentist to be physically present in the operator.

((6)) (14) "Commission on dental accreditation" or "CODA" means a national organization that develops and implements accreditation standards that promote and monitor the continuous quality and improvement of dental education programs.

(15) "Deep ((sedation/analgesia" is)) sedation" means a drug induced depression of consciousness during which patients cannot be easily aroused but respond purposefully following repeated or painful stimulation. The ability to independently maintain ventilatory function may be impaired. Patients may require assistance in maintaining a patent airway, and spontaneous ventilation may be inadequate. Cardiovascular function is usually maintained.

((7)) (16) "Dental anesthesia assistant" means a health care provider certified under chapter 18.350 RCW and specifically trained

to perform the functions authorized in RCW 18.350.040 under supervision of an oral and maxillofacial surgeon or dental anesthesiologist.

~~((8)) "Direct visual supervision" means supervision by an oral and maxillofacial surgeon or dental anesthesiologist by verbal command and under direct line of sight.~~

~~(9))~~ (17) "Enteral" means any technique of administration in which an agent is absorbed through the gastrointestinal tract.

(18) "General anesthesia" ((is)) means a drug induced loss of consciousness during which patients are not arousable, even by painful stimulation. The ability to independently maintain an airway and respond purposefully to physical stimulation or verbal command, produced by a pharmacologic or nonpharmacologic method, or combination thereof may be impaired. Patients often require assistance in maintaining a patent airway, and positive pressure ventilation may be required because of depressed spontaneous ventilation or drug-induced depression of neuromuscular function. Cardiovascular function may be impaired.

~~((10)) "Local anesthesia" is the elimination of sensations, especially pain, in one part of the body by the topical application or regional injection of a drug.~~

~~(11))~~ (19) "Minimal sedation" ((is a drug induced state during which patients)) means a minimally depressed level of consciousness, produced by a pharmacological method, that retains the patient's ability to independently and continuously maintain an airway and respond normally to tactile stimulation and verbal commands. Although cognitive function and coordination may be modestly impaired, ventilatory and cardiovascular functions are unaffected.

~~((12))~~ (20) "Moderate sedation" ((is)) means a drug induced depression of consciousness during which patients respond purposefully to verbal commands, either alone or accompanied by light tactile stimulation. No interventions are required to maintain a patent airway, and spontaneous ventilation is adequate. Cardiovascular function is usually maintained. Moderate sedation can include both ((moderate sedation/analgesia (conscious sedation) and moderate sedation with)) enteral and parenteral ((agent)) routes of administration.

~~((13))~~ (21) "Parenteral" means a technique of administration in which the drug bypasses the gastrointestinal (GI) tract ((i.e.)) including, but not limited to, intramuscular, intravenous, intranasal, submuscular, subcutaneous, and intraosseous((+)).

(22) "Pediatric" means a child 12 years of age or younger.

(23) "Pediatric advanced life support" or "PALS" means a type of care that focuses on providing advanced airway and life support skills in immediate emergency care to children.

AMENDATORY SECTION (Amending WSR 13-15-144, filed 7/23/13, effective 8/23/13)

**WAC 246-817-720 Basic life support requirements.** (1) Dental staff providing direct patient care in an in-office or out-patient setting must hold a current and valid health care provider ~~((basic life support (+))~~ BLS((+)) certification. Initial and renewal certification must include both didactic and hands-on components.

(2) Health care provider BLS certification must be obtained by an individual, organization, or training center who holds a current and valid BLS instructor certification and teaches the current Interna-

tional Liaison Committee on Resuscitation or ILCOR standard including, but not limited to, American Heart Association or American Red Cross.

(3) Health care provider BLS instruction must include online or in-person didactic instruction with a written assessment, in-person skills assessment on high quality chest compressions, rescue breathing using the bag valve mask, correct use of AED or defibrillator for adults, children, and infants, feedback to students, and a valid health care provider BLS certification card upon completion.

(4) Dental staff providing direct patient care include: Licensed dentists, licensed dental hygienists, licensed expanded function dental auxiliaries, certified dental anesthesia assistants, and registered dental assistants.

(5) Newly hired office staff providing direct patient care are required to obtain the required certification within ~~((forty-five))~~ 45 days from the date hired.

AMENDATORY SECTION (Amending WSR 10-23-001, filed 11/3/10, effective 12/4/10)

**WAC 246-817-722 Defibrillator.** (1) Every dental office in the state of Washington that administers ~~((minimal, moderate, or deep sedation, or general anesthesia, as defined in WAC 246-817-710))~~ anesthetic agents of any kind, must have an ~~((automated external defibrillator))~~ AED ~~((+))~~ or defibrillator.

(2) The dentist and staff must have access to the AED or defibrillator in an emergency ~~((, and it))~~. The AED or defibrillator must be available and in reach within ~~((sixty))~~ 60 seconds.

~~((3) A dental office may share a single AED or defibrillator with adjacent businesses if it meets the requirements in this section.))~~

AMENDATORY SECTION (Amending WSR 16-06-106, filed 3/1/16, effective 4/1/16)

**WAC 246-817-724 Recordkeeping, equipment, and emergency medications or drugs ~~((required in all sites where anesthetic agents of any kind are administered))~~.** Every dental office in the state of Washington where anesthetic agents of any kind are administered must comply with the requirements in this section.

(1) ~~((Dental records must contain an appropriate medical history and patient evaluation. Any adverse reactions, and))~~ The provider or anesthesia monitor shall record the patient's condition. The record must include documentation of all medications ~~((and))~~ administered with dosages ~~((, must be recorded))~~, regular and consistent time intervals, and route of administration. The provider administering the sedation may determine time intervals.

(2) When ~~((sedation of any level is to be))~~ anesthetic agents of any kind are administered, excluding ~~((minimal sedation by inhalation, pre-sedation))~~ pediatric patients receiving local anesthetic or minimal sedation with nitrous oxide, vitals including, but not limited to, blood pressure and heart rate must be obtained and recorded, unless

the cooperation of the patient or circumstances of the case will not allow it. If ~~((presedation))~~ vitals cannot be obtained, the reason~~((s))~~ or reasons why must be recorded.

(3) ~~((Office))~~ Facilities and equipment must include:

(a) Suction equipment capable of aspirating gastric contents from the mouth and pharynx;

(b) Portable oxygen delivery system including full face masks and a bag-valve-mask combination with appropriate connectors capable of delivering positive pressure, oxygen enriched ventilation to the patient;

(c) Blood pressure cuff ~~((+))~~ or sphygmomanometer ~~((+))~~ of appropriate size;

(d) Stethoscope or equivalent monitoring device.

(4) The following emergency drugs must be available and maintained:

(a) Bronchodilator including, but not limited to, albuterol;

(b) Sugar ~~((+))~~ or glucose ~~((+))~~;

(c) Aspirin;

(d) Antihistaminic including, but not limited to, diphenhydramine;

(e) Coronary artery vasodilator including, but not limited to, nitroglycerin;

(f) Anti-anaphylactic agent including, but not limited to, epinephrine.

(5) A licensed dentist shall develop and maintain written emergency protocols.

(a) All staff must be trained in the protocols wherever anesthetic agents of any kind are administered.

(b) The emergency preparedness written protocols must include training requirements and procedures specific to the licensed dentist's equipment and drugs for responding to emergency situations involving sedation or anesthesia, including information specific to respiratory emergencies.

(c) The licensed dentist shall annually review the emergency protocols and update as necessary.

(d) The licensed dentist shall document the annual review.

(e) Protocols must include basic life support protocols, advanced cardiac life support protocols, or pediatric advanced life support protocols based on the level of anesthetics being administered.

AMENDATORY SECTION (Amending WSR 09-04-042, filed 1/30/09, effective 3/2/09)

**WAC 246-817-730 Local anesthesia.** Local anesthesia ~~((shall))~~ must be administered only by a ~~((person))~~ provider qualified under this chapter and dental hygienists as provided in chapter 18.29 RCW.

(1) ~~((All offices must))~~ "Local anesthesia" means the elimination of sensations, especially pain, in one part of the body by the topical application or regional injection of a drug.

(2) A licensed dentist shall comply with ~~((the))~~ recordkeeping, equipment, and emergency medication requirements listed in WAC 246-817-724.

~~((2))~~ (3) A permit of authorization is not required.

**WAC 246-817-740 ((~~the~~)) Minimal sedation ((~~by inhalation" (to include, but not limited to,~~)) with nitrous oxide(~~)~~). (1) ((~~Training requirements: To administer inhalation minimal sedation~~)) A licensed dentist ((~~must have completed~~)) shall complete a course containing a minimum of ((~~fourteen~~)) 14 hours of ((~~either~~)) predoctoral dental school ((~~or~~)), postgraduate ((~~instruction~~)) education, or continuing education in ((~~inhalation minimal sedation~~)) nitrous oxide to administer minimal sedation with nitrous oxide.**

(2) A licensed dentist shall comply with the procedures for administration((~~: Inhalation~~)) of minimal sedation with nitrous oxide in this section.

(a) Minimal sedation with nitrous oxide must be administered under the close supervision of a ((~~person~~)) provider qualified under this chapter and dental hygienists as provided in chapter 18.29 RCW((~~:~~ )).

~~((a) When administering inhalation minimal sedation,)) (b) A second individual must be ((~~on~~)) in the office ((~~premises~~)) and able to immediately respond to any request from the ((~~person~~)) provider administering the ((~~inhalation~~)) minimal sedation((~~:~~ )) with nitrous oxide.~~

~~((b)) (c) The patient must be continuously observed while ((~~inhalation~~)) minimal sedation with nitrous oxide is administered.~~

(3) A licensed dentist shall comply with recordkeeping, equipment, and emergency medication((~~s: All offices in which inhalation minimal sedation is administered must comply with the recordkeeping and equipment standards~~)) requirements listed in WAC 246-817-724.

(4) Dental records must contain documentation in the chart of either nitrous oxide, oxygen or any other inhalation sedation agent administered or dispensed.

(a) In the case of nitrous oxide sedation only ("N<sub>2</sub>O used" is required), the record must include documentation of medications administered with dosages and regular and consistent time intervals. The provider administering the sedation may determine time intervals.

(b) Other inhalation agents require a dose record noting the time each concentration or agent was ((~~used~~)) administered or dispensed.

(5) ((~~Continuing education:~~)) A licensed dentist who administers ((~~inhalation~~)) minimal sedation ((~~to patients must participate in~~)) with nitrous oxide shall complete seven hours of continuing education ((~~or equivalent~~)) every ((~~five~~)) three years. See WAC 246-817-773 for continuing education requirements.

~~((a) The education must include instruction in one or more of the following areas:~~

- ~~(i) Sedation;~~
- ~~(ii) Physiology;~~
- ~~(iii) Pharmacology;~~
- ~~(iv) Inhalation analgesia;~~
- ~~(v) Patient evaluation;~~
- ~~(vi) Patient monitoring; and~~
- ~~(vii) Medical emergencies.~~

~~(b) In addition to education requirements in (a) of this subsection, the dentist must obtain health care provider basic life support (BLS), or advanced cardiac life support (ACLS) certification. Hourly~~

credits earned from certification in BLS or ACLS courses may not be used to meet the education requirements in (a) of this subsection. However, the hourly credits earned in BLS or ACLS certification may be used to meet the requirements of WAC 246-817-440 to renew the dentist license.)

(6) A licensed dentist who administers minimal sedation with nitrous oxide must hold a current and valid BLS or ACLS certification.

(7) A permit of authorization is not required.

AMENDATORY SECTION (Amending WSR 16-06-106, filed 3/1/16, effective 4/1/16)

**WAC 246-817-745 ((u))Minimal sedation.((u))** (1) ~~((Training requirements: To administer "minimal sedation," including:~~

(a) ~~A single oral agent, a dentist must have completed a course containing a minimum of fourteen hours of a predoctoral dental school, postgraduate instruction, or continuing education (as defined in WAC 246-817-440) in the use of oral agents;~~

(b) ~~Any oral agent in combination with a different agent or multiple agents other than nitrous oxide or injectable agents, a dentist must have completed)~~ A licensed dentist shall complete a course containing a minimum of ((twenty-one)) 16 hours of ((either)) predoctoral dental school ((or)), postgraduate ((instruction)) education, or continuing education to administer minimal sedation which is limited to a single dose of a single oral agent with or without nitrous oxide.

(2) A licensed dentist shall comply with the procedures for administration((+)) of minimal sedation in this section.

(a) Patients considered for minimal sedation must be suitably evaluated prior to the start of any sedative procedure.

(i) Review of the patient's current medical history and medication use is required for healthy or medically stable individuals with American Society of Anesthesiologists patient classification of I or II.

(ii) Consultation with the patient's primary care physician or consulting medical specialist is required for patients with significant medical considerations with American Society of Anesthesiologists patient classification III or IV. If the licensed dentist is unsuccessful in contacting/consulting with the patient's physician or physicians, the license dentist shall document the attempt or document the patient has no physician to contact.

(b) Oral sedative agents can be administered in the treatment setting or prescribed for patient dosage prior to the appointment((+)).

((+b)) (c) A second individual must be ((or)) in the office ((premises)) and able to immediately respond to any request from the ((person)) provider administering ((the drug+)) minimal sedation.

((+e)) (d) The patient must be continuously observed while in the office under the influence of ((the drug+)) minimal sedation.

((+d)) (e) Recordkeeping, equipment, and emergency medication requirements listed in WAC 246-817-724.

(f) Any adverse reactions must be documented in the records((+)).

((+e)) (g) If a patient unintentionally enters into a moderate level of sedation, the patient must be returned to a level of minimal sedation as quickly as possible. While returning the patient to the

minimal sedation level, periodic monitoring of pulse, respiration, and blood pressure must be maintained. In such cases, these same parameters must be taken and recorded at appropriate intervals throughout the procedure and vital signs and level of consciousness must be recorded during the sedation and prior to dismissal of the patient.

(3) ~~((Dental records must contain documentation))~~ A licensed dentist shall document in the ((chart of)) patient record all agents administered, time administered, and dosage for minimal sedation.

(a) ~~In the case of nitrous oxide sedation only ((“N<sub>2</sub>O used” is required)),~~ the record must include documentation of medications administered with dosages and regular and consistent time intervals. The provider administering the sedation may determine time intervals.

(b) ~~Other inhalation agents require a dose record noting the time each concentration and agent was ((used))~~ administered or dispensed.

(4) ~~((Continuing education:))~~ A licensed dentist who administers minimal sedation ((to patients must participate in)) shall complete seven hours of continuing education ((or equivalent)) every ((five)) three years. See WAC 246-817-773 for continuing education requirements.

~~((a) The education must include instruction in one or more of the following areas:~~

- ~~(i) Sedation;~~
- ~~(ii) Physiology;~~
- ~~(iii) Pharmacology;~~
- ~~(iv) Nitrous oxide analgesia;~~
- ~~(v) Patient evaluation;~~
- ~~(vi) Patient monitoring; and~~
- ~~(vii) Medical emergencies.~~

~~(b) In addition to education requirements in (a) of this subsection, the dentist must obtain health care provider basic life support (BLS) or advanced cardiac life support (ACLS) certification. Hourly credits earned from certification in BLS or ACLS courses may not be used to meet the education requirements in (a) of this subsection. However, the hourly credit hours earned in BLS or ACLS certification may be used to meet the renewal requirements of WAC 246-817-440 to renew the dentist license.)~~

(5) A licensed dentist who administers minimal sedation must hold a current and valid BLS or ACLS certification.

(6) A permit of authorization is not required.

AMENDATORY SECTION (Amending WSR 16-06-106, filed 3/1/16, effective 4/1/16)

**WAC 246-817-755 Moderate sedation with enteral agents.** (1)

~~((Training requirements: To administer moderate sedation the))~~ A licensed dentist ((must have completed)) shall complete a course containing a minimum of ((seven)) 21 hours of ((a)) predoctoral dental school, postgraduate ((instruction, or continuing)) education ((as defined in WAC 246-817-440)), or continuing education in moderate sedation, in addition to ((twenty-one)) the 16 hours ((for minimal sedation)) required in WAC 246-817-745 to obtain a moderate sedation with enteral agents permit. Training documentation must include that train-



ing in medical emergency management, not limited to airway management, was conducted in-person for these hands-on skills.

(2) The use of any drugs classified under the Food and Drug Administration as general anesthetic agents including, but not limited to, Propofol, Ketamine, Remifentanyl, Sevoflurane, Halothane, and Isoflurane are considered outside the scope of a moderate sedation with enteral agents permit.

(3) A licensed dentist who holds a valid moderate sedation with enteral agents permit shall comply with the procedures for administration of moderate sedation with enteral agents in this section.

(a) Patients considered for moderate sedation with enteral agents must undergo an evaluation prior to the administration of any sedative.

(i) Review at an appropriate time of the patient's medical history and medication use and NPO or nothing by mouth status.

(ii) Consultation with the patient's primary care physician or consulting medical specialist is required for patients with significant medical considerations with American Society of Anesthesiologists patient classification of III or IV. If the licensed dentist is unsuccessful in contacting/consulting with the patient's physician or physicians, the licensed dentist shall document the attempt or document the patient has no physician to contact.

(iii) Patients body mass index must be assessed as part of a pre-procedural workup.

(b) Oral sedative agents can be administered in the treatment setting or prescribed for patient dosage prior to the appointment.

~~((b))~~ (c) A second individual must be ~~((on))~~ in the office ~~((premises))~~ who can immediately respond to any request from the ~~((person))~~ provider administering the ~~((drug))~~ moderate sedation with enteral agents.

~~((e))~~ (d) The patient must be continuously observed while in the office ~~((under the influence of the drug))~~ when moderate sedation with enteral agents has been administered.

~~((d))~~ (e) Any adverse reactions must be documented in the patient record~~((s))~~.

~~((e))~~ (f) If a patient unintentionally enters a deeper level of sedation, the patient must be returned to a level of moderate sedation as quickly as possible. While returning the patient to the moderate level of sedation, periodic monitoring of pulse, respiration, and blood pressure and pulse oximetry must be maintained. In such cases, these same parameters must be taken and recorded at appropriate intervals throughout the procedure and vital signs and level of consciousness must be recorded during the sedation and prior to dismissal of the patient.

~~((f))~~ (g) Patients receiving ~~((these forms of))~~ moderate sedation with enteral agents must be accompanied by a responsible adult upon departure from the treatment facility.

~~((3))~~ (4) A licensed dentist who holds a valid moderate sedation with enteral agents permit shall comply with the equipment and emergency medications~~((: All offices must comply with the))~~ in this section.

(a) Recordkeeping, equipment, and emergency medication requirements listed in WAC 246-817-724.

(b) When a sedative drug is used that has a reversal agent, the reversal agent must be in the office emergency kit and the equipment to administer the reversal agent must be stored with the delivery device.

(c) Pulse oximetry equipment or equivalent respiratory monitoring equipment must be available in the office.

~~((4) Continuing education:))~~ (5) A licensed dentist who ~~((administers))~~ holds a valid moderate sedation ~~((to patients must participate in))~~ with enteral agents permit shall complete seven hours of continuing education ~~((or equivalent))~~ every ~~((five))~~ three years. See WAC 246-817-773 for continuing education requirements.

~~((a) The education must include instruction in one or more of the following areas:~~

- ~~(i) Sedation;~~
- ~~(ii) Physiology;~~
- ~~(iii) Pharmacology;~~
- ~~(iv) Nitrous oxide analgesia;~~
- ~~(v) Patient evaluation;~~
- ~~(vi) Patient monitoring; and~~
- ~~(vii) Medical emergencies.~~

~~(b) In addition to education requirements in (a) of this subsection, the dentist must obtain health care provider basic life support (BLS), advanced cardiac life support (ACLS), or pediatric advanced life support (PALS) certification to renew the moderate sedation permit. Hourly credits earned from certification in BLS, ACLS, or PALS courses may not be used to meet the education requirements in (a) of this subsection. However, the hourly credits earned in BLS, ACLS, or PALS certification may be used to meet the requirements of WAC 246-817-440 to renew the dentist license.~~

~~(5-))~~ (6) A licensed dentist who holds a valid moderate sedation with enteral agents permit must hold a current and valid BLS or ACLS certification.

(7) A permit of authorization is required. See WAC 246-817-774 for permitting requirements.

AMENDATORY SECTION (Amending WSR 17-07-037, filed 3/8/17, effective 4/8/17)

**WAC 246-817-760 Moderate sedation with parenteral agents. (1)**

~~((Training requirements: To administer moderate sedation with parenteral agents, the))~~ A licensed dentist ~~((must have successfully completed))~~ shall complete a postdoctoral course ~~((+s))~~ or courses of ~~((sixty))~~ 60 clock hours or more which includes training in basic moderate sedation, physical evaluation, venipuncture, technical administration, recognition and management of complications and emergencies, monitoring, and supervised experience in providing moderate sedation with parenteral agents to ~~((fifteen))~~ 20 or more patients to obtain a moderate sedation with parenteral agents permit. Training documentation must include that training in venipuncture, intravenous drug administration, and medical emergency management, not limited to airway management, was conducted in-person for these hands-on skills.

(a) If treating an adult, the dentist must have training in adult sedation.

(b) If treating a ~~((minor))~~ pediatric patient, the dentist must have training in pediatric sedation.

(2) In addition to meeting the criteria in subsection (1) of this section, the licensed dentist ~~((must also have))~~ shall hold and main-

tain a current certification in ((advanced cardiac life support  
(+)ACLs(+)) or ((pediatric advanced life support  
(+)PALS(+)).

(a) If treating an adult, the dentist must have ACLS certifica-  
tion.

(b) If treating a ((minor)) pediatric patient, the dentist must  
have PALS certification.

(3) The use of any drugs classified under the Food and Drug Ad-  
ministration as general anesthetic agents including, but not limited  
to, Propofol, Ketamine, Remifentanyl, Sevoflurane, Halothane, and Iso-  
flurane are considered outside the scope of a moderate sedation with  
parenteral agents permit.

(4) The drugs, drug amounts, and techniques used must carry a  
margin of safety wide enough to render unintended loss of conscio-  
usness highly unlikely.

((+4)) (5) A licensed dentist who holds a valid moderate seda-  
tion with parenteral agents permit shall comply with the procedures  
for administration of moderate sedation with parenteral agents ((by a  
dentist and an individual trained in monitoring sedated patients:)) in  
this section.

(a) In the treatment setting, a patient receiving moderate seda-  
tion with parenteral agents must have that sedation administered by a  
((person)) provider qualified under this chapter.

(b) Patients considered for moderate sedation with parenteral  
agents must undergo an evaluation prior to the administration of any  
sedative.

(i) Review at an appropriate time of the patient's medical histo-  
ry and medication use and NPO or nothing by mouth status.

(ii) Consultation with the patient's primary care physician or  
consulting medical specialist is required for patients with signifi-  
cant medical considerations with American Society of Anesthesiologist  
patient classification of III or IV.

(iii) Patients body mass index must be assessed as part of a pre-  
procedural workup.

(iv) A focused physical examination to include vital signs, eval-  
uation of the airway, and auscultation of the heart and lungs is re-  
quired before administration of any sedative or anesthesia agent.

(c) A patient may not be left alone in a room and must be contin-  
ually monitored by a licensed dentist ((with)) who holds a valid mod-  
erate sedation with parenteral agent permit or trained anesthesia mon-  
itor as defined in WAC 246-817-772.

((+e)) (d) An intravenous infusion must be maintained during the  
administration of a parenteral agent. Two exceptions for intravenous  
infusion may occur, but reasons why intravenous infusion was not used  
must be documented for:

(i) Pediatric sedation cases using agents for brief procedures;  
and

(ii) When the pediatric patient is uncooperative or the emotional  
condition is such that intravenous access is not possible.

((+d)) (e) When the operative dentist is also the ((person))  
provider administering the moderate sedation with parenteral agents,  
the operative dentist must be continuously assisted by ((at least one  
individual experienced in monitoring sedated patients)) a trained an-  
esthesia monitor, as defined in WAC 246-817-772. The trained anesthe-  
sia monitor may function as the dental or surgical assistant.

(i) If treating an adult, the additional individual must have ex-  
perience or training in adult sedation.

(ii) If treating a (~~minor~~) pediatric patient, the additional individual must have experience or training in pediatric sedation.

~~((e))~~ (f) In the treatment setting, a patient experiencing moderate sedation with parenteral agents must be visually and tactilely monitored by the dentist or an individual trained in monitoring sedated patients. Patient monitoring must include:

(i) Heart rate;

(ii) Blood pressure;

(iii) ~~((Respiration))~~ Respiratory rate;

(iv) ~~((Pulse oximetry))~~ Oxygen saturation; and

(v) ~~((Expired carbon dioxide (CO<sub>2</sub>))~~) Continuous electrocardiographic monitoring is required during moderate sedation with parenteral agents in patients with clinically significant cardiovascular disease. Clinically significant cardiovascular disease can be classified, but not limited to coronary artery disease, arrhythmias, congenital heart defects, heart valve disease, disease of the heart muscle, and heart infection.

(vi) End-tidal CO<sub>2</sub>. Two exceptions for ~~((expired))~~ end-tidal CO<sub>2</sub> monitoring may occur, but reasons why ~~((expired))~~ end-tidal CO<sub>2</sub> monitoring was not used must be documented for:

(A) Pediatric sedation cases using agents for brief procedures; and

(B) When the pediatric patient is uncooperative or the emotional condition is such that CO<sub>2</sub> monitoring is not possible.

~~((f))~~ (g) A licensed dentist who holds a valid moderate sedation with parenteral agents permit shall comply with requirements of immobilization devices for pediatric patients~~((÷))~~.

(i) Immobilization devices, such as, papoose boards, must be applied in such a way as to avoid airway obstruction or chest restriction.

(ii) The pediatric patient head position and respiratory excursions must be checked frequently to ensure airway patency.

(iii) If an immobilization device is used, a hand or foot must be kept exposed.

~~((g))~~ (h) The patient's blood pressure ~~((and))~~ heart rate, pulse oximetry, and respiration rate must be recorded every five minutes ~~((, pulse oximetry recorded every five minutes, and respiration rate must be recorded at least every fifteen minutes))~~.

~~((h))~~ (i) The patient's level of consciousness must be recorded prior to the dismissal of the patient.

~~((i))~~ (j) Patients receiving moderate sedation with parenteral agents must be accompanied by a responsible adult upon departure from the treatment facility.

~~((j))~~ (k) If a patient unintentionally enters a deeper level of sedation, the patient must be returned to a level of moderate sedation as quickly as possible. While returning the patient to the moderate level of sedation, periodic monitoring of pulse, respiration, blood pressure and continuous monitoring of oxygen saturation must be maintained. In such cases, these same parameters must be taken and recorded at appropriate intervals throughout the procedure and vital signs and level of consciousness must be recorded during the sedation and prior to dismissal of the patient.

~~((5) Dental records must contain))~~ (6) A licensed dentist who holds a valid moderate sedation with parenteral agents permit shall document in the patient record appropriate medical history and patient

evaluation. Sedation records must be recorded during the procedure in a timely manner and must include:

- (a) Blood pressure;
- (b) Heart rate;
- (c) Respiration;
- (d) Pulse oximetry;

(e) End-tidal CO<sub>2</sub>. Two exceptions for end-tidal CO<sub>2</sub> monitoring may occur, but reasons why end-tidal CO<sub>2</sub> monitoring was not used must be documented for:

(i) Pediatric sedation cases using agents for brief procedures; and

(ii) When the pediatric patient is uncooperative or the emotional condition is such that end-tidal CO<sub>2</sub> monitoring is not possible.

- (f) Drugs administered including amounts and time administered;
- (g) Length of procedure; and
- (h) Any complications of sedation.

~~((+6)) (7) A licensed dentist who holds a valid moderate sedation with parenteral agents permit shall comply with the equipment and emergency medications (All offices in which moderate sedation with parenteral agents is administered or prescribed must comply with the following equipment standards:~~

~~Office facilities and equipment shall include:))~~ in this section. Equipment used for monitoring patients must be calibrated or have performance verification according to manufacturer's instructions.

(a) An operating theater large enough to adequately accommodate the patient on a table or in an operating chair and permit an operating team consisting of at least two individuals to freely move about the patient;

(b) An operating table or chair which permits the patient to be positioned so the operating team can maintain the airway, quickly alter patient position in an emergency, and provide a firm platform for the administration of basic life support;

(c) A lighting system which is adequate to permit evaluation of the patient's skin and mucosal color and a backup lighting system of sufficient intensity to permit conclusion of any procedure underway at the time of general power failure;

(d) Suction equipment capable of aspirating gastric contents from the mouth and ~~((pharynx))~~ pharyngeal cavities. A backup suction device must be available;

~~((b) Portable))~~ (e) An oxygen delivery system ~~((including))~~ with adequate full face masks and ~~((a bag-valve-mask combination with))~~ appropriate connectors that is capable of delivering high flow oxygen to the patient under positive pressure, ~~((oxygen-enriched patient ventilation and oral and nasal pharyngeal airways.))~~ together with an adequate portable backup system;

(i) If treating an adult, the equipment must be appropriate for adult sedation~~((+))~~;

(ii) If treating a ~~((minor))~~ pediatric patient, the equipment must be appropriate for pediatric sedation;

~~((e))~~ (iii) Appropriate sized laryngeal mask airway must be ready for emergency use;

(f) A blood pressure cuff ~~((+))~~ or sphygmomanometer~~((+))~~ of appropriate size and stethoscope; or equivalent monitoring devices;

~~((d))~~ (g) End-tidal CO<sub>2</sub> monitor;

~~((e))~~ (h) Pulse oximetry; and

~~((f))~~ (i) An emergency drug kit with minimum contents of:

- (i) Sterile needles, syringes, and tourniquet;
- (ii) Narcotic antagonist;
- (iii) Alpha and beta adrenergic stimulant;
- (iv) Vasopressor;
- (v) Coronary vasodilator including, but not limited to, nitroglycerin;
- (vi) Antihistamine including, but not limited to, diphenhydramine;
- (vii) Parasympatholytic;
- (viii) Intravenous fluids, tubing, and infusion set; ~~((and))~~
- (ix) Sedative antagonists for drugs used, if available;
- (x) Bronchodilator agent including, but not limited to, albuterol;
- (xi) ACLS or PALS emergency drugs; and
- (xii) Anti-hypoglycemic agent.

~~((7) Continuing education: A dentist who administers moderate sedation with parenteral agents must participate in eighteen))~~ (8) A licensed dentist who holds a valid moderate sedation with parenteral agents permit and administers moderate sedation with parenteral agents in another licensed dentist office, must have a contract in place that contains the provisions described in WAC 246-817-778 (1)(a) through (c).

(9) A licensed dentist who holds a valid moderate sedation with parental agents permit shall complete 14 hours of continuing education ((or equivalent)) every three years. See WAC 246-817-773 for continuing education requirements.

~~((a) The education must include instruction in one or more of the following areas:~~

- ~~(i) Venipuncture;~~
- ~~(ii) Intravenous sedation;~~
- ~~(iii) Physiology;~~
- ~~(iv) Pharmacology;~~
- ~~(v) Nitrous oxide analgesia;~~
- ~~(vi) Patient evaluation;~~
- ~~(vii) Patient monitoring; and~~
- ~~(viii) Medical emergencies.~~

~~(b) In addition to the education requirements in (a) of this subsection, the dentist must have a current certification in advanced cardiac life support (ACLS) or pediatric advanced life support (PALS) to renew the moderate sedation with parenteral agents permit. Hourly credits earned from certification in BLS, ACLS, or PALS courses may not be used to meet the education requirements in (a) of this subsection to renew a moderate sedation with parenteral agents permit. However, the hourly credits earned in ACLS or PALS certification may be used to meet the requirements of WAC 246-817-440 to renew the dentist license.~~

~~(8))~~ (10) A permit of authorization is required. See WAC 246-817-774 for permitting requirements.

(11) A moderate sedation with parenteral agents permit allows the holder to deliver moderate sedation with enteral agents without obtaining a separate permit.

NEW SECTION

**WAC 246-817-765 Pediatric sedation endorsement.** Since the pediatric patient is physiologically and anatomically unlike the adult, and that different sedation drugs and practices may be used for this population, a pediatric sedation endorsement is necessary to ensure that adequately trained and skilled individuals are treating pediatric patients using moderate sedation.

(1) Effective January 1, 2023, a pediatric sedation endorsement is required to administer moderate sedation with enteral agents or moderate sedation with parenteral agents, to pediatric patients. A moderate sedation with enteral agents or moderate sedation with parenteral agents permit is required to obtain the pediatric sedation endorsement.

(2) A licensed dentist who holds a valid moderate sedation with enteral agents permit and a pediatric sedation endorsement may administer intranasal midazolam to a pediatric patient. This modality may be administered without a moderate sedation with parenteral agents permit.

(3) A licensed dentist who holds a valid moderate sedation with enteral agents or moderate sedation with parenteral agents permit must provide the following to obtain a pediatric sedation endorsement:

(a) A completed application on forms provided by the secretary;

(b) Evidence of education and training in:

(i) A CODA postgraduate instruction in pediatric dentistry, oral and maxillofacial surgery, or dental anesthesiology; or

(ii) Predoctoral dental school, postgraduate instruction, or continuing education of at least 37 hours in minimal and moderate sedation and an additional 14 hours in pediatric sedation.

(A) The 14 hours in pediatric sedation must include:

(I) Pediatric specific anatomical and physiological considerations;

(II) Pediatric behavioral management during administration of sedating medication and intraoperatively;

(III) Pediatric drugs, dosages, and routes of administration;

(IV) Appropriate use of immobilization devices;

(V) Recordkeeping;

(VI) Nitrous oxide in combination with other sedating medications;

(VII) Prevention, recognition and management of complications; and

(VIII) Four or more hours must include hands-on instruction, simulations, live supervised pediatric sedation case management, or a combination of those modalities. Observation alone is not acceptable.

(B) The 37 hours in minimal and moderate sedation must include:

(I) Physical evaluation;

(II) Technical administration;

(III) Drugs and routes of administration;

(IV) Recognition and management of complications and emergencies; and

(V) Monitoring and monitoring equipment including training in expired CO<sub>2</sub>.

(c) Current health care provider BLS and PALS certifications.

(4) A licensed dentist who holds a valid pediatric sedation endorsement shall complete 14 hours of continuing education every three years. See WAC 246-817-773 for continuing education requirements.

(5) A licensed dentist who holds a valid pediatric endorsement must hold a current and valid BLS and PALS certification.

(6) An endorsement of authorization is required. See WAC 246-817-774 for endorsement requirements.

AMENDATORY SECTION (Amending WSR 14-21-068, filed 10/10/14, effective 11/10/14)

**WAC 246-817-770 General anesthesia and deep sedation.** Deep sedation and general anesthesia must be administered by an individual qualified to do so under this chapter.

~~(1) ((Training requirements: To administer deep sedation or general anesthesia, the))~~ A licensed dentist ((must meet)) shall complete two years of continuous full-time anesthesia training in one or more of the following ((criteria)) to obtain a general anesthesia permit:

~~(a) ((Any provider currently permitted as of the effective date of this revision to provide deep sedation or general anesthesia by the state of Washington will be grandfathered regarding formal training requirements, provided they meet current continuing education and other ongoing applicable requirements.~~

~~(b) New applicants with anesthesia residency training will be required to have had two years of continuous full-time anesthesia training meeting the following requirements based on when they began their anesthesia training:~~

~~(i) For dentists who began their anesthesia training prior to 2008, training must include two full years of continuous full-time training in anesthesiology beyond the undergraduate dental school level, in a training program as outlined in part 2 of "Guidelines for Teaching the Comprehensive Control of Anxiety and Pain in Dentistry," published by the American Dental Association, Council on Dental Education (last revised October 2005).~~

~~(ii) For dentists who begin their anesthesia training in January 2008 or after, must have either received))~~ A certificate of completion

~~(A) From))~~ in one or more of the following anesthesia trainings:

~~(i) A dental anesthesiology program accredited by CODA ((ADA Commission on Dental Accreditation, "Accreditation Standards for Advanced General Dentistry Education Programs in Dental Anesthesiology," January 2007))~~ at the time the training was completed; or

~~((B) From))~~ (ii) A dental anesthesiology program approved by the ((Dental Quality Assurance)) commission; or

~~((C) With a minimum of two years of full-time))~~ (iii) An anesthesia residency training, with a minimum of two years full-time, at a medical program accredited by the Accreditation Council for Graduate Medical Education ((ACGME)).

~~((e) New))~~ (b) Applicants who completed residency training in oral and maxillofacial surgery must meet at least one of the following requirements:

(i) Be a diplomate of the American Board of Oral and Maxillofacial Surgery;



(ii) Be a fellow of the American Association of Oral and Maxillofacial Surgeons; or

(iii) Be a graduate of an Oral and Maxillofacial Residency Program accredited by CODA.

(2) In addition to meeting one or more of the above criteria, the licensed dentist ~~((must also))~~ shall have a current ~~((and documented proficiency in advanced cardiac life support (A) ACLS (A))~~ certification.

(3) A licensed dentist who holds a valid general anesthesia permit shall comply with the procedures for administration of deep sedation or general anesthesia in this section.

(a) Patients considered for general anesthesia must undergo an evaluation prior to the administration of any sedative.

(i) Review of the patient's medical history and medication use and NPO or nothing by mouth status.

(ii) Consultation with the patient's primary care physician or consulting medical specialist is required for patients with significant medical considerations with American Society of Anesthesiologist patient classification of III or IV.

(iii) Patients body mass index must be assessed as part of a pre-procedural workup.

(iv) A focused physical examination to include vital signs, evaluation of the airway, and auscultation of the heart and lungs is required before administration of any sedative or anesthesia agent.

(b) Patients receiving deep sedation or general anesthesia must have continual monitoring of their heart rate, blood pressure, respiration, and expired ~~((carbon dioxide (A) CO<sub>2</sub> (A))~~. In so doing, the ~~((licensee must))~~ licensed dentist shall utilize electrocardiographic monitoring, pulse oximetry, and end-tidal CO<sub>2</sub> monitoring ~~((~~

~~((b))~~ . Every patient receiving general anesthesia must have the electrocardiograph continuously displayed from the beginning of general anesthesia until preparation to leave the anesthesia location.

(c) The patient's blood pressure ~~((and))~~, heart rate, and respiration rate shall be recorded every five minutes ~~((and respiration rate shall be recorded at least every fifteen minutes;))~~.

~~((e))~~ (d) To complete dental procedures under general anesthesia, the anesthesia permit holder, the anesthesia monitor, and the dental assistant shall all be present in the operating or treatment room. During deep sedation or general anesthesia, the ~~((person))~~ provider administering the anesthesia and the ~~((person))~~ provider monitoring the patient may not leave the immediate area ~~((~~

~~((d))~~ (e) During the recovery phase, the patient must be continually observed by the anesthesia provider or credentialed personnel ~~((~~

~~((e))~~ (f) A discharge entry ~~((shall))~~ must be made in the patient's record indicating the patient's condition upon discharge and the responsible party to whom the patient was discharged.

(4) ~~((Dental records must contain))~~ A licensed dentist who holds a valid general anesthesia permit shall document in the patient record appropriate medical history and patient evaluation. Anesthesia records ~~((shall))~~ must be recorded during the procedure in a timely manner and must include:

- (a) Blood pressure;
- (b) Heart rate;
- (c) Respiration;
- (d) Pulse oximetry;

- (e) End-tidal CO<sub>2</sub>;
- (f) Drugs administered including amounts and time administered;
- (g) Length of procedure; and
- (h) Any complications of anesthesia.

(5) A licensed dentist who holds a valid general anesthesia permit shall comply with the equipment and emergency medications (All offices in which general anesthesia (including deep sedation) is administered must comply with the following equipment standards:) in this section. Equipment used for monitoring patients must be calibrated or have performance verification according to manufacturer's instructions.

(a) An operating theater large enough to adequately accommodate the patient on a table or in an operating chair and permit an operating team consisting of at least three individuals to freely move about the patient;

(b) An operating table or chair which permits the patient to be positioned so the operating team can maintain the airway, quickly alter patient position in an emergency, and provide a firm platform for the administration of basic life support;

(c) A lighting system which is adequate to permit evaluation of the patient's skin and mucosal color and a backup lighting system of sufficient intensity to permit conclusion of any (~~operation~~) procedure underway at the time of general power failure;

(d) Suction equipment capable of aspirating gastric contents from the mouth and pharyngeal cavities. A backup suction device must be available;

(e) An oxygen delivery system with adequate full face masks and appropriate connectors that is capable of delivering high flow oxygen to the patient under positive pressure, together with an adequate portable backup system;

(f) A recovery area that has available oxygen, adequate lighting, suction, and electrical outlets. The recovery area can be the operating theater;

(g) Ancillary equipment which must include the following:

(i) Laryngoscope complete with adequate selection of blades, spare batteries, and bulb;

(ii) Endotracheal tubes and appropriate connectors, and laryngeal mask airway (~~(LMA)~~) and other appropriate equipment necessary to do an intubation;

(iii) Oral airways;

(iv) Tonsillar or pharyngeal suction tip adaptable to all office outlets;

(v) Endotracheal tube forceps;

(vi) Sphygmomanometer and stethoscope;

(vii) Adequate equipment to establish an intravenous infusion;

(viii) Pulse oximeter or equivalent;

(ix) Electrocardiographic monitor;

(x) End-tidal CO<sub>2</sub> monitor; and

(xi) AED or defibrillator (~~(or automatic external defibrillator (AED))~~) available and in reach within (~~(sixty)~~) 60 seconds from any area where general or deep anesthesia care is being delivered. Multiple AEDs or defibrillators may be necessary in large facilities. The AED or defibrillator must be on the same floor. (~~(+)~~) In dental office settings where sedation or general anesthesia are not administered, AEDs or defibrillators are required as defined in WAC 246-817-722.

(+)

(h) Emergency drugs of the following types (~~(shall)~~) must be maintained:

- (i) Vasopressor or equivalent;
- (ii) Corticosteroid or equivalent;
- (iii) Bronchodilator including, but not limited to, albuterol;
- (iv) Muscle relaxant;
- (v) Intravenous medications for treatment of cardiac arrest;
- (vi) Narcotic antagonist;
- (vii) Benzodiazepine antagonist;
- (viii) Antihistaminic including, but not limited to, diphenhydramine;
- (ix) Anticholinergic;
- (x) Antiarrhythmic;
- (xi) Coronary artery vasodilator including, but not limited to, nitroglycerin;
- (xii) Antihypertensive;
- (xiii) Anticonvulsant; and
- (xiv) ACLS or PALS emergency drugs.

(6) (~~Continuing education:~~

~~(a) A dentist granted a permit to administer)~~ A licensed dentist who holds a valid general anesthesia permit and administers general anesthesia in another licensed dentist office, must have a contract in place that contains the provisions described in WAC 246-817-778 (1) (a) through (c).

(7) A licensed dentist who holds a valid general anesthesia (~~(including deep sedation) under this chapter, must)~~ permit shall complete (~~(eighteen)~~) 18 hours of continuing education every three years. See WAC 246-817-773 for continuing education requirements.

(8) A licensed dentist who holds a valid general anesthesia permit must hold a current and valid ACLS certification.

~~(A dentist granted a permit must maintain records that can be audited and must submit course titles, instructors, dates attended, sponsors, and number of hours for each course every three years.~~

~~(b) The education must be provided by organizations approved by the DQAC and must be in one or more of the following areas: General anesthesia; conscious sedation; physical evaluation; medical emergencies; pediatric advanced life support (PALS); monitoring and use of monitoring equipment; pharmacology of drugs; and agents used in sedation and anesthesia.~~

~~(c) Hourly credits earned from certification in health care provider basic life support (BLS) and advanced cardiac life support (ACLS) courses may not be used to meet the continuing education hourly requirements for obtaining or renewing a general anesthesia and deep sedation permit, however these continuing education hours may be used to meet the renewal requirement for the dental license.~~

~~(7-))~~ (9) A permit of authorization is required. See WAC 246-817-774 for permitting requirements.

(10) A general anesthesia permit allows the holder to deliver moderate sedation with enteral agents and moderate sedation with parenteral agents without obtaining a separate permit.

**WAC 246-817-771 Dental anesthesia assistant.** (1) A dental anesthesia assistant ((~~must~~)) shall be certified under chapter 18.350 RCW and WAC 246-817-205.

(2) A dental anesthesia assistant may only accept delegation from an oral and maxillofacial surgeon or dental anesthesiologist who holds a valid Washington state general anesthesia permit.

(3) Under close supervision, the dental anesthesia assistant may:

(a) Initiate and discontinue an intravenous line for a patient being prepared to receive intravenous medications, sedation, or general anesthesia; and

(b) Adjust the rate of intravenous fluids infusion only to maintain or keep the line patent or open.

(4) Under direct visual supervision, the dental anesthesia assistant may:

(a) Draw up and prepare medications;

(b) Follow instructions to deliver medications into an intravenous line upon verbal command;

(c) Adjust the rate of intravenous fluids infusion beyond a keep open rate;

(d) Adjust an electronic device to provide medications, such as an infusion pump;

(e) Administer emergency medications to a patient in order to assist the oral and maxillofacial surgeon or dental anesthesiologist in an emergency.

(5) The responsibility for monitoring a patient and determining the selection of the drug, dosage, and timing of all anesthetic medications rests solely with the supervising oral and maxillofacial surgeon or dental anesthesiologist.

(6) A certified dental anesthesia assistant shall notify the commission in writing, on a form provided by the department, of any changes in his or her supervisor.

(a) The commission must be notified of the change prior to the certified dental anesthesia assistant accepting delegation from another supervisor. The certified dental anesthesia assistant may not practice under the authority of this chapter unless he or she has on file with the commission such form listing the current supervisor.

(b) A supervisor must be an oral and maxillofacial surgeon or dental anesthesiologist who holds a valid Washington state general anesthesia permit.

(c) For the purposes of this subsection:

(i) "Any change" means the addition, substitution, or deletion of supervisor from whom the certified dental anesthesia assistant is authorized to accept delegation.

(ii) "Direct visual supervision" means supervision by an oral and maxillofacial surgeon or dental anesthesiologist by verbal command and under direct line of sight.

**WAC 246-817-772 Requirements for anesthesia monitor.** (1) When ~~((the))~~ a licensed dentist is also administering ~~((the))~~ moderate sedation with parenteral agents, deep sedation or general anesthesia, one additional appropriately trained team member must be designated for patient monitoring. The team member designated for patient monitoring when general anesthesia is being administered may not also perform dental assistant tasks.

(2) When moderate sedation with parenteral agents, deep sedation or general anesthesia is administered by a dedicated anesthesia provider whom is not the operative dentist, the anesthesia provider may serve as the monitoring personnel.

(3) ~~((The))~~ A licensed dentist cannot employ an individual to monitor patients receiving moderate sedation with parenteral agents, deep sedation or general anesthesia unless that individual has received a minimum of ~~((fourteen))~~ 14 hours of documented training, ~~((+))~~ such as national certification American Association of Oral and Maxillofacial Surgeons ~~((("AAOMS") in a course))~~, on-site or in-office training by a licensed dentist with a moderate sedation with parenteral agents or general anesthesia permit, or other education course specifically designed to include instruction and practical experience in use of equipment to include, but not be limited to, the following equipment:

- (a) Sphygmomanometer; or a device able to measure blood pressure;
- (b) Pulse oximeter; or other respiratory monitoring equipment;
- (c) Electrocardiogram;
- (d) Bag-valve-mask resuscitation equipment;
- (e) Oral and nasopharyngeal airways;
- (f) Defibrillator; automatic external defibrillator.

(4) The ~~((course))~~ training referred to in subsection (3) of this section must also include instruction in:

- (a) Basic sciences;
- (b) Evaluation and preparation of patients with systemic diseases;
- (c) Anesthetic drugs and techniques;
- (d) Anesthesia equipment and monitoring; and
- (e) Office anesthesia emergencies.

(5) A licensed dentist shall maintain training or certification documentation.

NEW SECTION

**WAC 246-817-773 Continuing education for dentists administering sedation.** Continuing education must contribute to the professional knowledge and development of the licensed dentist to enhance sedation services provided to patients.

The continuing education reporting period for a licensed dentist that administers sedation in Washington before December 31, 2022, begins January 1, 2023.

The three-year continuing education reporting period for a licensed dentist that administers minimal sedation with nitrous oxide or

minimal sedation in Washington on January 1, 2023, or later begins the date of first administration of sedation.

The three-year continuing education reporting period for a licensed dentist initially issued a sedation permit in Washington on January 1, 2023, or later begins the date of permit issuance.

Verification of completion of continuing education hours will be due on the dentist's sedation permit renewal date beginning in 2026.

(1) A licensed dentist who administers minimal sedation with nitrous oxide, minimal sedation, or holds a valid moderate sedation with enteral agents permit, shall complete seven hours of continuing education as required in WAC 246-817-740, 246-817-745, and 246-817-755 every three years. Continuing education must be completed in one or more of the following subject categories:

- (a) Oral sedation;
- (b) Physiology;
- (c) Pharmacology;
- (d) Nitrous oxide analgesia;
- (e) Patient evaluation;
- (f) Patient monitoring;
- (g) Medical emergencies;
- (h) ACLS; and
- (i) PALS.

(2) A licensed dentist who holds a valid moderate sedation with parenteral agents permit shall complete 14 hours of continuing education as required in WAC 246-817-760 every three years. Continuing education must be completed in one or more of the following subject categories:

- (a) Oral or intravenous sedation;
- (b) Physiology;
- (c) Pharmacology;
- (d) Nitrous oxide analgesia;
- (e) Patient evaluation;
- (f) Patient monitoring;
- (g) Medical emergencies; and
- (h) PALS.

(3) A licensed dentist who holds a valid pediatric endorsement shall complete 14 hours of continuing education as required in WAC 246-817-765 every three years. These 14 hours may count toward moderate sedation with enteral agents or moderate sedation with parenteral agents permit continuing education requirements. Continuing education must be completed in one or more of the following subject categories:

- (a) Pediatric sedation;
- (b) Pediatric physiological;
- (c) Pediatric pharmacology;
- (d) Nitrous oxide analgesia;
- (e) Patient evaluation;
- (f) Patient monitoring;
- (g) Pediatric behavioral management;
- (h) Appropriate use of immobilization devices; and
- (i) Medical emergencies.

(4) A licensed dentist who holds a valid general anesthesia permit shall complete 18 hours of continuing education as required in WAC 246-817-770 every three years. Continuing education must be completed in one or more of the following subject categories:

- (a) General anesthesia;
- (b) Physiology;
- (c) Pharmacology;

- (d) Inhalation analgesia;
- (e) Patient evaluation;
- (f) Patient monitoring;
- (g) Medical emergencies;
- (h) Behavioral management; and
- (i) PALS.

(5) Continuing education in subject categories identified in subsections (1) through (4) of this section may be completed using any of the activities or methods authorized in WAC 246-817-440(4).

(6) Proof of continuing education is provided in WAC 246-817-440(5).

AMENDATORY SECTION (Amending WSR 09-04-042, filed 1/30/09, effective 3/2/09)

**WAC 246-817-774 Permitting(~~(/)~~) and renewal requirements.** (1)

To administer moderate sedation (~~((oral and/or parenteral))~~) with enteral agents, moderate sedation with parenteral agents, or general anesthesia ((+)) including deep sedation(~~(+)~~):

(a) A licensed dentist ((must first)) shall meet the requirements of this chapter((~~r~~)):

(b) Possess and maintain a ((current dental)) valid dentist license pursuant to chapter 18.32 RCW; and

(c) Obtain a permit of authorization from the ((DQAC through the department of health)) commission.

(2) A pediatric sedation endorsement is required to administer moderate sedation with enteral agents or moderate sedation with parenteral agents to pediatric patients. A moderate sedation with enteral agents or moderate sedation with parenteral agents permit is required to obtain the pediatric sedation endorsement as described in WAC 246-817-765.

(3) Application forms for permits and endorsement may be obtained online or from the department and must be fully completed and include the ((current)) applicable application fee.

~~((+2))~~ (4) A permit of authorization is valid for three years from the date of issuance ((and must be renewed prior to the expiration date)).

~~((3))~~ In addition to the renewal application form, the permit holder must) (5) The permit holder shall renew the permit prior to the expiration date, the permit holder shall provide:

(a) ~~((Demonstrate))~~ Written declaration of continuing compliance with this chapter.

(b) ~~((Submit satisfactory evidence))~~ For a licensed dentist with a moderate sedation with parenteral agents or general anesthesia permit a written declaration of an acceptable on-site inspection by a commission approved organization, as described in WAC 246-817-775, within the previous five years.

(i) The permit holder shall maintain on-site inspection documentation for five years.

(ii) The commission may randomly audit up to 25 percent of permit holders after the permit is renewed.

(c) Written declaration of continuing education hours as required ((by this chapter)) in WAC 246-817-773.

~~((The dentist must maintain records that can be audited and must submit course titles, instructors, dates of attendance, sponsors and number of hours for each course every three years as required by this chapter.~~

~~(e) Pay))~~ (i) The permit holder shall maintain continuing education documentation for four years as required in chapter 246-12 WAC, Part 7.

(ii) The commission may randomly audit up to 25 percent of permit holders as required in chapter 246-12 WAC, Part 7.

(d) Written declaration that a minimum of 12 emergency drill scenarios were performed at least two times per year.

(i) The permit holder shall maintain emergency drill documentation for three years.

(ii) The commission may randomly audit up to 25 percent of permit holders after the permit is renewed.

(e) The applicable renewal fee.

~~((4) Site visits may be conducted at the DQAC discretion. Site visits will be conducted by an anesthesia provider permitted at the same level, in conjunction with a department of health investigator. Site visits may include the evaluation of equipment, medications, patient records, documentation of training of personnel, and other items as determined necessary.))~~

#### NEW SECTION

**WAC 246-817-775 On-site inspections.** (1) A licensed dentist who holds a moderate sedation with parenteral agents or general anesthesia permit must:

(a) Obtain an on-site inspection where moderate sedation with parenteral agents or general anesthesia is provided every five years by an approved organization or by a self-arranged inspection using the commission approved on-site inspection form.

(i) The self-arranged on-site inspection must be completed by at least two providers with the same or higher level permit as the licensed dentist being evaluated.

(ii) Volunteer evaluators may be a certified registered nurse anesthetist, licensed physician anesthesiologist, or a licensed dentist who holds an appropriate moderate sedation with parenteral agents or general anesthesia permit for at least five years.

(b) Choose one office to have inspected, if the permit holder provides sedation or anesthesia in more than one office. The permit holder must provide an attestation that all the same standards from the inspection are met in all offices where sedation or anesthesia is provided.

(2) On-site inspections by approved organizations include:

(a) The Washington state society of oral and maxillofacial surgeons; or

(b) Accreditation Association for Ambulatory Health Care; or

(c) Department of health ambulatory surgical facility license survey as required in chapter 246-330 WAC; or

(d) Joint commission; or

(e) American Association for Accreditation of Ambulatory Surgery Facilities; or

(f) The Centers for Medicare and Medicaid Services; or



(g) Substantially equivalent organizations approved by the commission.

(3) On-site inspections for general anesthesia permit holders must begin by the end of the first full permit renewal period after June 30, 2022, or five years after initial permit issuance, whichever is later.

(4) On-site inspection for moderate sedation with parenteral agents permit holders must begin by the end of the first full permit renewal period after June 30, 2023, or five years after initial permit issuance, whichever is later.

(5) A licensed dentist who holds a moderate sedation with parenteral agents or general anesthesia permit shall maintain completed and signed on-site inspection forms for at least five years.

AMENDATORY SECTION (Amending WSR 09-04-042, filed 1/30/09, effective 3/2/09)

**WAC 246-817-776 Discharge criteria for all levels of sedation(~~/~~) or general anesthesia.** The anesthesia provider must assess patient responsiveness using preoperative values as normal guidelines and discharge the patient only when the following criteria are met:

(1) Vital signs including blood pressure, pulse rate and respiratory rate are stable(~~/~~). Two exceptions for vital signs may occur, but reasons why vital signs were not taken must be documented for:

(a) Pediatric ASA I or ASA II patients undergoing routine dental procedures using local anesthetic and/or nitrous oxide with no other sedating medications; or

(b) When vital signs are not possible due to the pediatric patient's behavioral or emotional state.

(2) The patient is alert and oriented to person, place and time as appropriate to age and preoperative psychological status;

(3) The patient can talk and respond coherently to verbal questioning as appropriate to age and preoperative psychological status;

(4) The patient can sit up unassisted;

(5) The patient can walk with minimal assistance;

(6) The patient does not have uncontrollable nausea or vomiting and has minimal dizziness;

(7) A discharge entry must be made in the patient's record by the anesthesia provider (~~(indicating)~~). Discharge entries must include:

(a) The patient's condition upon discharge(~~/~~); and

(b) The name of the responsible party to whom the patient is released, (~~/~~) if a patient is required to be released to a responsible party(~~/~~);

(8) If the patient does not meet established discharge criteria, the anesthesia provider must evaluate the patient and determine if the patient has safely recovered to be discharged. The evaluation determining that the patient can be safely discharged must be noted in the patient's record.

**WAC 246-817-778 ((Nondental)) Nondentist anesthesia providers.**

(1) A licensed dentist (~~(, certified registered nurse anesthetist (CRNA) or physician anesthesiologist~~) may provide anesthesia services in dental offices where dentists do not have an anesthesia permit when the anesthesia provider ensures that all equipment, facility, monitoring and assistant training requirements as established within this chapter related to anesthesia have been met. The anesthesia provider is exclusively responsible for the pre, intra, and post operative anesthetic management of the patient.

(2) ~~The dentist without a general anesthesia permit must establish a written contract with the anesthesia provider to guarantee that when anesthesia is provided, all facility, equipment, monitoring and training requirements, for all personnel, as established by DQAC related to anesthesia, have been met.~~

~~(a) The dentist and the anesthesia provider may agree upon and arrange for the provision of items such as facility, equipment, monitoring and training requirements to be met by either party, provided the delineation of such responsibilities is written into the contract.~~

~~(b) Any contract under this section must state that the anesthesia provider must ensure anesthesia related requirements as set forth in this chapter have been met.)~~ must have a contract in place when working with a nondentist anesthesia provider. The contract must include:

(a) That all facility, equipment, monitoring, and training requirements, for all personnel required in WAC 246-817-701 through 246-817-790 have been met.

(b) That the anesthesia provider is responsible for the pre, intra, postoperative, and discharge anesthetic management of the patient.

(c) Delineation of responsibilities. The dentist and the anesthesia provider shall agree upon and arrange for the provision of items such as facility, equipment, monitoring, and training requirements to be met by either party. The dentist and the anesthesia provider shall establish written emergency protocols, as required in WAC 246-817-724, and all clinical staff must be trained.

(2) A nondentist anesthesia provider may be a certified registered nurse anesthetist or licensed physician anesthesiologist.

(3) Sedation or general anesthesia must be provided by a competent and qualified certified registered nurse anesthetist, licensed physician anesthesiologist, or a licensed dentist with an appropriate sedation or general anesthesia permit.

(4) A licensed dentist must ensure compliance with WAC 246-817-701 through 246-817-790 whenever sedation or general anesthesia is administered in their dental facility.

(5) A licensed dentist with a moderate sedation, moderate sedation with parenteral agents, or general anesthesia permit must ensure compliance with WAC 246-817-701 through 246-817-790 everywhere they administer sedation or general anesthesia.

AMENDATORY SECTION (Amending WSR 09-04-042, filed 1/30/09, effective 3/2/09)

**WAC 246-817-780 Mandatory reporting (~~of death or significant complication as a result of any dental procedure~~).** (~~All licensees engaged in the practice of dentistry must~~) A licensed dentist shall submit a report of any patient death or other life-threatening incident or complication, permanent injury or admission to a hospital that results in a stay at the hospital for more than (~~twenty-four~~) 24 hours, which is or may be a result of a dental procedure caused by a dentist or dental treatment.

(1) (~~The dentist involved must~~) A licensed dentist shall notify the (~~department of health/DQAC~~) commission, by telephone, email, or (~~fax~~) facsimile within (~~seventy-two~~) 72 hours of discovery and must submit a complete written report to the (~~DQAC~~) commission within (~~thirty~~) 30 days of the incident.

(2) When a patient comes into an office with an existing condition, and hospital admission is the result of that condition and not the dental procedure, it is not reportable.

(3) The written report must include the following:

(a) Name, age, and address of the patient.

(b) Name of the dentist and other personnel present during the incident.

(c) Address of the facility or office where the incident took place.

(d) Description of the type of sedation or anesthetic being utilized at the time of the incident.

(e) Dosages, if any, of drugs administered to the patient.

(f) A narrative description of the incident including approximate times and evolution of symptoms.

(g) Hospital discharge records if available.

(h) Additional information which the (~~DQAC~~) commission may require or request.

AMENDATORY SECTION (Amending WSR 95-21-041, filed 10/10/95, effective 11/10/95)

**WAC 246-817-790 Application of chapter 18.130 RCW.** The provisions of the Uniform Disciplinary Act, chapter 18.130 RCW, apply to the permits and endorsements of authorization that may be issued and renewed under this chapter.