

3100.8500 LICENSED DENTAL ASSISTANTS.

Subpart 1. **Duties under general supervision.** A licensed dental assistant may perform the following procedures without the dentist being present in the dental office or on the premises if the procedures being performed are with prior knowledge and consent of the dentist:

- A. cut arch wires on orthodontic appliances;
- B. remove loose bands on orthodontic appliances;
- C. remove loose brackets on orthodontic appliances;
- D. re-cement intact temporary restorations;
- E. place temporary fillings, not including temporization of inlays, onlays, crowns, and bridges;
- F. take radiographs;
- G. take impressions for casts and appropriate bite registration, not to include impressions and bite registrations for final construction of fixed and removable prostheses;
- H. deliver vacuum-formed orthodontic retainers;
- I. place and remove elastic orthodontic separators;
- J. complete preliminary charting of the oral cavity and surrounding structures with the exception of periodontal probing and assessment of the periodontal structure;
- K. take photographs extraorally or intraorally; and
- L. take vital signs such as pulse rate and blood pressure as directed by a dentist.

Subp. 1a. **Duties under indirect supervision.** A licensed dental assistant, in addition to the services performed by an assistant described in part 3100.8400, subpart 1, may perform the following services if a dentist is in the office, authorizes the procedures, and remains in the office while the procedures are being performed:

- A. apply topical medications such as, but not limited to, topical fluoride, bleaching agents, and cavity varnishes in appropriate dosages or quantities prescribed by a dentist;
- B. place and remove rubber dam;
- C. remove excess cement from inlays, crowns, bridges, and orthodontic appliances with hand instruments only;
- D. perform mechanical polishing to clinical crowns not including instrumentation. Removal of calculus by instrumentation must be done by a dentist or dental hygienist before mechanical polishing;

- E. preselect orthodontic bands;
- F. place and remove periodontal dressings;
- G. remove sutures;
- H. monitor a patient who has been induced by a dentist into nitrous oxide inhalation analgesia;
- I. remove and place ligature ties and arch wires on orthodontic appliances. A dentist must select and, if necessary, adjust arch wires prior to placement;
- J. dry root canals with paper points;
- K. place cotton pellets and temporary restorative materials into endodontic access openings;
- L. etch appropriate enamel surfaces, apply and adjust pit and fissure sealants. Before the application of pit and fissure sealants, a licensed dental assistant must have successfully completed a course in pit and fissure sealants at a dental, dental hygiene, or dental assisting school accredited by the Commission on Accreditation;
- M. restorative procedures as permitted in Minnesota Statutes, section 150A.10, subdivision 4;
- N. maintain and remove intravenous lines while under indirect supervision of a dentist who holds a valid general anesthesia or moderate sedation certificate. Before managing and removing intravenous lines, a licensed dental assistant must have successfully completed board-approved allied dental personnel courses comprised of intravenous access and general anesthesia and moderate sedation training; and
- O. monitor a patient during preoperative, intraoperative, and postoperative phases of general anesthesia or moderate sedation using noninvasive instrumentation such as pulse oximeters, electrocardiograms, blood pressure monitors, and capnography while under indirect supervision of a dentist who holds a valid general anesthesia or moderate sedation certificate. Before monitoring a sedated patient, a licensed dental assistant must have successfully completed board-approved allied dental personnel courses comprised of intravenous access and general anesthesia and moderate sedation training.

Subp. 1b. **Duties under direct supervision.** A licensed dental assistant may perform the following services if a dentist is in the dental office, personally diagnoses the condition to be treated, personally authorizes the procedure, and evaluates the performance of the licensed dental assistant before dismissing the patient:

- A. remove excess bond material from orthodontic appliances;
- B. remove bond material from teeth with rotary instruments after removal of orthodontic appliances. Before utilizing rotary instruments for the removal of bond

material, a licensed dental assistant must have successfully completed a course in the use of rotary instruments for the express purpose of the removal of bond material from teeth. The course must be one that is presented by a dental, dental hygiene, or dental assisting school accredited by the Commission on Accreditation;

C. etch appropriate enamel surfaces before bonding of orthodontic appliances by a dentist;

D. fabricate, cement, and adjust temporary restorations extraorally or intraorally;

E. remove temporary restorations with hand instruments only;

F. place and remove matrix bands;

G. administer nitrous oxide inhalation analgesia according to part 3100.3600, subparts 4 and 5;

H. attach prefrit and preadjusted orthodontic appliances;

I. remove fixed orthodontic bands and brackets; and

J. initiate and place an intravenous infusion line in preparation for intravenous medications and sedation while under direct supervision of a dentist who holds a valid general anesthesia or moderate sedation certificate. Before initiating and placing an intravenous infusion line, a licensed dental assistant must have successfully completed board-approved allied dental personnel courses comprised of intravenous access and general anesthesia and moderate sedation training.

Subp. 1c. **Duties under personal supervision.** A licensed dental assistant may concurrently perform supportive services if the dentist holds a valid general anesthesia or moderate sedation certificate, is personally treating a patient, and authorizes the licensed dental assistant to aid in treatment including the administration of medications into an existing intravenous line, an enteral agent, or emergency medications in an emergent situation. Before administering any medications or agents, a licensed dental assistant must have successfully completed board-approved allied dental personnel courses comprised of general anesthesia and moderate sedation training.

Subp. 2. **Other duties prohibited.** A licensed dental assistant may not perform any dental treatment or procedure on patients not otherwise authorized by this chapter.

Subp. 3. **Limited-license permit.** A dental assistant, who by virtue of academic achievement which is equal to or greater than that of a licensed dental assistant, and is currently qualified in Minnesota in an allied health profession may take dental radiographs under the general supervision of a dentist if the person complies with the requirements of this subpart. The person shall file with the board a completed application furnished by the board and the fee prescribed in Minnesota Statutes, section 150A.091, subdivision 2. In addition, the person shall submit evidence of the successful completion of a course on

dental radiographs and of passing an examination. The course must be board-approved. The course shall be equivalent to the dental radiograph courses offered by dental assisting courses approved by the board under part 3100.1300, item B. The examination must be the radiograph part of the examination which is required of licensed dental assistant applicants.

Statutory Authority: *MS s 150A.04; 150A.06; 150A.08; 150A.10; 214.06*

History: *10 SR 1612; 16 SR 2314; 18 SR 2042; 20 SR 2474; 27 SR 1836; 31 SR 1238; 35 SR 459; 37 SR 1849*

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