

3100.8700 DENTAL HYGIENISTS.

Subpart 1. **Duties under general supervision.** A dental hygienist 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. all services permitted under parts 3100.8400 and 3100.8500, subparts 1 and 1a, items A to L;

B. complete prophylaxis to include scaling, root planing, and polishing of restorations;

C. preliminary charting of the oral cavity and surrounding structures to include case histories, perform initial and periodic examinations and assessments to determine periodontal status, and formulate a dental hygiene treatment plan in coordination with a dentist's treatment plan;

D. dietary analysis, salivary analysis, and preparation of smears for dental health purposes;

E. etch appropriate enamel surfaces, application and adjustment of pit and fissure sealants;

F. removal of excess bond material from orthodontic appliances;

G. replacement, cementation, and adjustment of intact temporary restorations extraorally or intraorally;

H. removal of marginal overhangs;

I. make referrals to dentists, physicians, and other practitioners in consultation with a dentist;

J. administer local anesthesia. Before administering local anesthesia, a dental hygienist must have successfully completed a didactic and clinical program sponsored by a dental or dental hygiene school accredited by the commission on accreditation, resulting in the dental hygienist becoming clinically competent in the administration of local anesthesia; and

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

Subp. 2. **Duties under indirect supervision.** A dental hygienist may perform the following procedures if a dentist is in the office, authorizes the procedures, and remains in the office while the procedures are being performed:

A. restorative procedures permitted under Minnesota Statutes, section 150A.10, subdivision 4;

B. 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 dental hygienist must have successfully completed board-approved allied dental personnel courses comprised of intravenous access and general anesthesia and moderate sedation training; and

C. 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 dental hygienist must have successfully completed board-approved allied dental personnel courses comprised of intravenous access and general anesthesia and moderate sedation training.

Subp. 2a. **Duties under direct supervision.** A dental hygienist may perform the following procedures if a dentist is in the office, personally diagnoses the condition to be treated, personally authorizes the procedure, and evaluates the performance of the dental hygienist before dismissing the patient:

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

B. remove temporary crowns with hand instruments only;

C. fabricate, cement, and adjust temporary restorations;

D. place and remove matrix bands;

E. remove bond material from teeth with rotary instruments after removal of orthodontic appliances. Before utilizing rotary instruments for the removal of bond material, a dental hygienist 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;

F. attach prefabricated and preadjusted orthodontic appliances;

G. remove fixed orthodontic bands and brackets; and

H. 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 dental hygienist must have successfully completed board-approved allied dental personnel courses comprised of intravenous access and general anesthesia and moderate sedation training.

Subp. 2b. **Duties under personal supervision.** A dental hygienist may concurrently perform supportive services if the dentist holds a valid general anesthesia or moderate sedation certificate and is personally treating a patient and authorizes the dental hygienist 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 dental hygienist must have successfully completed board-approved allied dental personnel courses comprised of general anesthesia and moderate sedation training.

Subp. 3. **Other duties prohibited.** A dental hygienist may not perform any dental treatment or procedure on patients not authorized by this chapter.

Statutory Authority: *MS s 150A.04; 150A.06; 150A.08; 150A.10; 150A.11; 214.06*

History: *10 SR 1612; 14 SR 1214; 16 SR 2314; 18 SR 2042; 20 SR 1196; 20 SR 2474; 27 SR 1836; 31 SR 1238; 35 SR 459*

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