

3100.8700 DENTAL HYGIENISTS.

Subpart 1. **Principal procedures under general supervision.** A dental hygienist may, under general supervision as defined in part 3100.0100, subpart 21, item D:

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

B. obtain informed consent, according to part 3100.9600, subpart 9, for treatments authorized by the supervising dentist pursuant to the dental hygienist's scope of practice;

C. take photographs extraorally or intraorally;

D. take vital signs, including pulse rate and blood pressure;

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

F. complete debridement, prophylaxis, and nonsurgical periodontal therapy;

G. etch enamel surfaces and apply and adjust pit and fissure sealants;

H. 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 Dental Accreditation, resulting in the dental hygienist becoming clinically competent in the administration of local anesthesia;

I. administer nitrous oxide inhalation analgesia according to part 3100.3600, subpart 14;

J. take radiographs;

K. apply topical medications, including topical fluoride, bleaching agents, cavity varnishes, and desensitizing agents;

L. place subgingival medicaments;

M. take impressions and bite registration;

N. fabricate and deliver custom fitted trays;

O. provide nutritional counseling;

P. perform salivary analysis;

Q. remove marginal overhangs;

R. remove sutures;

S. place and remove periodontal dressings;

T. place and remove devices or materials for isolation purposes;

- U. polish restorations;
- V. remove excess cement from inlays, crowns, bridges, or orthodontic appliances;
- W. fabricate, place, replace, cement, and adjust temporary crowns or restorations;
- X. remove temporary crowns or restorations with hand instruments only;
- Y. place and remove matrix systems and wedges; and
- Z. place nonsurgical retraction material for gingival displacement. Before placing nonsurgical retraction material, a dental hygienist must have successfully completed a course in nonsurgical retraction material for gingival displacement at a school accredited by the Commission on Dental Accreditation.

Subp. 2. **Restorative procedures under indirect supervision.** A dental hygienist may perform restorative procedures pursuant to Minnesota Statutes, section 150A.10, subdivision 4, and under indirect supervision, as defined in part 3100.0100, subpart 21, item C, if the dental hygienist has:

A. successfully graduated from a Minnesota dental hygiene program accredited by the Commission on Dental Accreditation that included training for restorative procedures and received a restorative procedures certificate from the program; or

B. successfully completed a board-approved course on restorative procedures and received a restorative procedures certificate from the course sponsor.

Subp. 2a. **Orthodontic procedures under general, indirect, or direct supervision.** If a dental hygienist has fulfilled the requirements of item A, subitems (1), (2), or (3), the dental hygienist may perform the procedures listed in item B under the level of supervision indicated, as defined in part 3100.0100, subpart 21, items B, C, and D.

A. A dental hygienist must have:

(1) been granted a Minnesota dental hygiene license from the board prior to September 1, 2019;

(2) successfully graduated from a Minnesota dental hygiene program accredited by the Commission on Dental Accreditation after September 1, 2019, that included training for orthodontic procedures and received an orthodontic procedures certificate from the program; or

(3) successfully completed a board-approved course comprised of orthodontic procedures and received an orthodontic procedures certificate from the course sponsor.

B. The dental hygienist may perform the following procedures under:

(1) general supervision:

(a) cut arch wires on orthodontic appliances;

(b) remove loose bands on orthodontic appliances;

- (c) remove loose brackets on orthodontic appliances;
 - (d) remove excess bond material from orthodontic appliances;
 - (e) preselect orthodontic bands;
 - (f) place and remove elastic orthodontic separators; and
 - (g) remove and place ligature ties and remove and replace existing arch wires on orthodontic appliances;
- (2) indirect supervision: place initial arch wires on orthodontic appliances. A dentist must select and, if necessary, adjust arch wires prior to placement;
- (3) direct supervision:
- (a) etch enamel surfaces before bonding of orthodontic appliances by a dentist;
 - (b) remove bond material from teeth with rotary instruments after removal of orthodontic appliances;
 - (c) attach prefit and preadjusted orthodontic appliances; and
 - (d) remove fixed orthodontic bands and brackets.

Subp. 2b. **Sedation monitoring and intravenous procedures under indirect, direct, or personal supervision.** If a dental hygienist has successfully completed board-approved allied dental personnel courses comprised of intravenous access and general anesthesia and moderate sedation training and is certified by the board, the dental hygienist may perform the following procedures under either indirect, direct, or personal supervision, as defined in part 3100.0100, subpart 21, items A, B, and C, for a dentist who holds a valid general anesthesia or moderate sedation certificate:

A. indirect supervision:

- (1) maintain and remove intravenous lines;
- (2) monitor a patient during preoperative, intraoperative, and postoperative phases of general anesthesia or moderate sedation using noninvasive instrumentation, including pulse oximeters, electrocardiograms, blood pressures monitors, and capnography;

B. direct supervision: initiate and place an intravenous line in preparation for intravenous medications and sedation;

C. personal supervision: aid in the physical management of medications, including the preparation and administration of medications into an existing intravenous line.

Subp. 3. **Other procedures prohibited.** A dental hygienist must 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; 39 SR 1455; 43 SR 507; 46 SR 908*

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