

**481—577.5(153) Expanded function training.**

**577.5(1)** *Approved expanded function training programs.* Training programs for Level 1 and Level 2 expanded function procedures must be board-approved. Training programs for Level 2 expanded function procedures are limited to the University of Iowa College of Dentistry or another accredited school.

**577.5(2)** *Certificates of completion.* All board-approved training programs are authorized and required to issue certificates to dental hygienists and dental assistants who successfully complete expanded function training. A certificate shall be issued for one or more of the expanded function procedures completed. Dental hygienists and dental assistants shall prominently display the expanded functions certificate in each dental facility where services are provided.

**577.5(3)** *Training.* Training may be completed in one or more of the listed expanded function procedures. Clinical training in expanded function procedures must be completed under observational supervision. Level 1 expanded function training includes the following:

- a. An initial assessment to determine the base entry level of all participants;
- b. Completion of the minimum standards for each function as specified in this rule; and
- c. A post-course written examination at the conclusion of the training program, with a minimum of ten questions per function. A score of 75 percent or higher is deemed to be a passing score.

**577.5(4)** *Minimum training standards.* Every expanded function procedure requires the completion of clinical training that includes a minimum of five patient experiences per procedure under observational supervision unless stated otherwise.

a. Taking occlusal registrations. In addition to the required clinical training, a minimum of one hour of didactic training.

b. Placement and removal of gingival retraction material. In addition to the required clinical training, a minimum of two hours of didactic training and the equivalent of one hour of laboratory training that includes three experiences.

c. Fabrication, temporary cementation, temporary recementation, and removal of provisional restorations. A minimum of four hours of didactic training, the equivalent of four hours of laboratory training that includes five experiences, and clinical training that includes a minimum of ten patient experiences under observational supervision.

d. Applying cavity liners and bases and desensitizing agents. In addition to the required clinical training, a minimum of one hour of didactic training and the equivalent of one hour of laboratory training that includes a minimum of two experiences.

e. Applying bonding systems, which may include the placement of the attachments used in clear aligner systems, following review of the fit and function by the supervising dentist. In addition to the required clinical training, a minimum of two hours of didactic training and the equivalent of one hour of laboratory training that includes a minimum of two experiences.

f. Placement, bonding, and removal of orthodontic brackets and bands or provisional orthodontic appliances pursuant to paragraph 577.3(1)“f.” For each procedure, in addition to the required clinical training, a minimum of two hours of didactic training and the equivalent of one hour of laboratory training that includes a minimum of two experiences.

g. Monitoring of patients receiving nitrous oxide inhalation analgesia, pursuant to paragraph 577.3(2)“a.” In addition to the required clinical training, a minimum of two hours of didactic training and one hour of laboratory training in the office where the dental hygienist or dental assistant is employed.

h. Taking final impressions. A minimum of three hours of didactic training, and the equivalent of clinical training that includes a minimum of six patient experiences under observational supervision.

i. Removal of adhesives using nonmotorized hand instrumentation. In addition to the required clinical training, a minimum of one hour of didactic training.

j. Placement of temporary restorative materials following preparation of the tooth by the dentist. In addition to the required clinical training, a minimum of two hours of didactic training and the equivalent of one hour of laboratory training that includes a minimum of two experiences.

k. Extraoral adjustment to acrylic dentures without making any adjustments to the prosthetic teeth. In addition to the required clinical training, a minimum of one hour of didactic training and the equivalent of one hour of laboratory training that includes a minimum of two experiences.

*l.* Tissue conditioning (soft reline only). In addition to the required clinical training, a minimum of one hour of didactic training and the equivalent of one hour of laboratory training that includes a minimum of two experiences.

*m.* Placement, management, and removal of an IV infusion line for moderate sedation, deep sedation, or general anesthesia. A minimum of 12 hours of didactic training or current Dental Anesthesia Assistant National Certification Examination (DAANCE) certification; and eight hours of laboratory and clinical training that includes a minimum of six venipunctures, two of which are completed on human subjects. Supervision for the clinical experiences shall be completed under the supervision of a dentist with a current sedation or anesthesia permit, or a licensed sedation provider.

**577.5(5)** *Acceptance of previously completed board-approved training.* Any dental hygienist or dental assistant who previously completed board-approved expanded function training can continue to perform expanded function procedures for which training has been completed and documentation is available. For any expanded function procedures that are new, in whole or in part, additional training to satisfy the minimum training requirement is required of the dental hygienist or dental assistant prior to performing the new expanded function procedure.

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