

Dental Hygiene Committee of California

PROPOSED LANGUAGE

Adopt Section 1107 Division 11 of Title 16 of the California Code of Regulations to read as follows:

§1107. Approval of RDH Course in Local Anesthesia, Nitrous Oxide-Oxygen Analgesia and Periodontal Soft Tissue Curettage

The Committee shall approve only those educational courses for these duties in dental hygiene which continuously meet all course requirements. This article governs the approval of educational programs for courses in local anesthetic, nitrous oxide-oxygen analgesia and periodontal soft tissue curettage. Continuation of approval will be contingent upon compliance with these requirements.

(a) A course in local anesthesia, nitrous oxide-oxygen analgesia and periodontal soft tissue curettage is a course that provides instruction in the following duties:

(1) Administration of local anesthetic agents, infiltration and conductive, limited to the oral cavity;

(2) Administration of nitrous oxide and oxygen when used as an analgesic; utilizing fail-safe type machines containing no other general anesthetic agents; and

(3) Periodontal soft tissue curettage.

(b) An applicant course provider shall submit an "Application for Approval of a Course in Local Anesthesia, Nitrous Oxide-Oxygen Analgesia and Periodontal Soft Tissue Curettage" (DHCC SLN-01 05/2013) hereby incorporated by reference, accompanied by the appropriate fee, for approval of a new course and shall receive approval prior to operation. If the Committee denies approval of a course, the committee shall provide to the applicant the specific reasons for denial in writing within ninety (90) days.

(c) The Committee may withdraw approval at any time it determines a course does not meet the requirements established in this section or other requirements of law.

(d) All courses shall be at the postsecondary educational level.

(e) Each approved course shall be subject to review by the Committee at any time.

(f) Each approved course shall submit a biennial report "Report of a Course in Local Anesthesia, Nitrous Oxide-Oxygen Analgesia and Periodontal Soft Tissue Curettage" (DHCC SLN-03 05/2013) hereby incorporated by reference.

Note Authority cited: Section 1905, 1906, 1909 and 1944, Business and Professions Code. Reference: Section 1905, 1909, and 1944, Business and Professions Code.

Adopt Section 1108 Division 11 of Title 16 of the California Code of Regulations to read as follows:

§1108. Requirements for Approval of Course in Local Anesthesia, Nitrous Oxide-Oxygen Analgesia and Periodontal Soft Tissue Curettage

(a) Administration. Each course shall provide the resources necessary to accomplish education as specified in this section. Course providers shall be responsible for informing the Committee of any changes to the course content, physical facilities, and faculty, within 10 days of such changes. Upon successful completion of the course, students shall receive a certificate of completion. The course provider shall require students to possess current certification in Basic Life Support for health care providers as required by Title 10, Chapter 1, Article 4, Section 1016 (C) of the California Code of Regulations (CCR) in order to be eligible for admission to the course, and either:

- (1) Possess a valid active license to practice dental hygiene; or,
- (2) Graduate from an educational program for dental hygienists approved by the Commission on Dental Accreditation.

(b) Faculty. Faculty, including course director and supervising dentist(s) shall:

- (1) possess a valid, active California license to practice dentistry or dental hygiene for at least two (2) years immediately preceding any provision of course instruction.
- (2) provide pre-clinical and clinical instruction only in procedures within the scope of practice of their respective licenses.
- (3) have education in educational methodology within the last two (2) years and must be calibrated.

(c) Facilities and Equipment. Physical facilities and equipment shall be maintained and replaced in a manner designed to provide students with an educationally optimal environment. A physical facility shall have all of the following:

- (1) A lecture classroom, a patient clinic area, a radiology area, and a laboratory for use by the students.
- (2) All students shall have access to equipment necessary to develop dental hygiene skills in these duties.
- (3) Infection control equipment shall be provided according to the requirements of CCR Title 16, Division 11, Chapter 1, Article 1, Section 1005.

(d) Health and Safety. Course providers must document compliance with health and safety policies in accordance with local, state, and federal laws and regulations.

- (1) All students shall have access to the course's hazardous waste management plan for the disposal of needles, cartridges, medical waste and storage of oxygen and nitrous oxide tanks.
- (2) All students shall have access to the course's clinic and radiation hazardous communication plan.
- (3) All students shall receive a copy of the course's bloodborne and infectious diseases exposure control plan, which shall include emergency needlestick information.

(e) Clinical Education. As of January 1, 2016, each course's clinical training shall be given at a dental or dental hygiene school or facility approved by the Committee, which has a written contract of affiliation for such training with a dental or dental hygiene program. Such written contract of affiliation shall include a description of the settings in

which the clinical training may be received and shall provide for direct supervision of such training by faculty designated by the dental or dental hygiene school. An affiliated facility shall not include a dental office unless such office is an extramural facility approved by the Committee. Each course shall provide the clinical facilities and clinical resources necessary to accomplish education in local anesthesia, nitrous oxide-oxygen analgesia and periodontal soft tissue curettage as provided in California Code of Regulations (CCR) Title 16, Division 10, Section 1072.1(g)(4).

(f) Recordkeeping. Course providers must possess and maintain for a period of not less than 5 years:

(1) Copies of curriculum containing a course syllabus.

(2) Copies of written examinations, lab and clinic rubrics, and competency evaluations.

(3) Copies of faculty credentials, licenses, and certifications including documented background in educational methodology within previous two years.

(4) Individual student records, including those necessary to establish satisfactory completion of the course.

(5) Student course evaluations and summaries.

(g) Curriculum Organization and Learning Resources.

(1) The organization of the curriculum for the course shall be flexible, creating opportunities for adjustments to and research of advances in the administration of local anesthetic, nitrous oxide-oxygen analgesia and periodontal soft tissue curettage as provided in subdivision (g)(4)(C) of Section 1105 of this article [or Section 1072.1 of Article 2, Chapter 3 of Division 10].

(2) Curriculum shall provide students with a basic understanding of these procedures as provided in subdivision (g)(4)(C) of Section 1105 of this article [or Section 1072.1 of Article 2, Chapter 3 of Division 10] and an ability to perform each procedure with competence and judgment.

(3) Curriculum shall prepare the student to assess, plan, implement, and evaluate these procedures as provided and in accordance with subdivision (g)(4)(C) of Section 1105 of this article [or Section 1072.1 of Article 2, Chapter 3 of Division 10].

(4) Curriculum must include remediation policy and procedures.

(5) Students shall be provided a course syllabus that contains:

(A) Course learning outcomes,

(B) Textbook(s) published within the previous 5 years,

(C) Content objectives,

(D) Grading criteria which includes competency evaluations and lab and clinic rubrics to include problem solving and critical thinking skills that reflect course learning outcomes, and

(E) Remediation policy and procedures.

(6) Students shall have reasonable access to dental and medical reference textbooks, current scientific journals, audio visual materials and other relevant resources.

(h) General Curriculum Content. Areas of didactic, laboratory, preclinical and clinical instruction shall include:

- (1) Indications and contraindications for all patients of:
 - (A) periodontal soft tissue curettage;
 - (B) administration and reversal of local anesthetic agents;
 - (C) nitrous oxide-oxygen analgesia agents
- (2) Head and neck anatomy;
- (3) Physical and psychological evaluation procedures;
- (4) Review of body systems related to course topics;
- (5) Theory and psychological aspects of pain and anxiety control;
- (6) Selection of pain control modalities;
- (7) Pharmacological considerations such as action of anesthetics and vasoconstrictors, reversal and nitrous oxide-oxygen analgesia agents;
- (8) Recovery from and post-procedure evaluation of periodontal soft tissue curettage, local anesthesia and nitrous oxide/oxygen analgesia;
- (9) Complications and management of periodontal soft tissue curettage, local anesthesia & nitrous oxide-oxygen analgesia emergencies;
- (10) Armamentarium required and current technology available for local anesthesia, nitrous oxide-oxygen analgesia and periodontal soft tissue curettage;
- (11) Technique of administration of maxillary and mandibular local infiltrations, field blocks and nerve blocks, nitrous oxide-oxygen analgesia and periodontal soft tissue curettage;
- (12) Proper infection control techniques according to the provisions of CCR Title 16, Division 11, Chapter 1, Article 1, Section 1005;
- (13) Patient documentation, including computation of maximum recommended dosages for local anesthetics and total lung capacity for nitrous oxide-oxygen analgesia;
- (14) Medical and legal considerations including patient consent, standard of care, and patient privacy;
- (15) Student course evaluation mechanism.

(i) Specific Curriculum Content.

(1) Local anesthetic agents curriculum must include at least thirty (30) hours of instruction, including at least fifteen (15) hours of didactic, preclinical and/or laboratory instruction and at least fifteen (15) hours of clinical instruction that includes at least three (3) clinical experiences per injection on three different patients, of which only one may be on a student. Curriculum must include maxillary and mandibular anesthesia techniques for local infiltration, field block and nerve block to include anterior superior alveolar (ASA) nerve block (infraorbital), middle superior alveolar nerve block (MSA), anterior middle superior alveolar nerve block (AMSA), posterior superior alveolar nerve block (PSA), greater palatine nerve block, nasopalatine (P-ASA) nerve block, supraperiosteal, inferior alveolar nerve block (to include Gow-Gates technique), lingual nerve block, buccal nerve block, mental nerve block, incisive nerve block and intraseptal injections. One of these clinical experiences per injection will be used as a clinical competency. The competency evaluation for each injection and technique must be achieved at a minimum of 75%.

(2) Nitrous oxide-oxygen analgesia curriculum must include at least eight (8) hours of instruction, including at least four (4) hours of didactic, preclinical and/or laboratory instruction and at least four (4) hours of clinical instruction. This includes at least three (3) clinical experiences on patients, of which only one may be on a student and one of which will be used as a clinical competency. Each clinical experience shall include the performance of a dental hygiene procedure while administering at least twenty (20) minutes of nitrous oxide-oxygen analgesia. The competency evaluation must be achieved at a minimum of 75%.

(3) Periodontal soft tissue curettage curriculum must include at least six (6) hours of instruction, including at least three (3) hours of didactic, laboratory and/or preclinical instruction and at least three (3) hours of clinical instruction. Education may include soft tissue laser. This includes at least three (3) clinical experiences on patients, of which only one may be on a student and one of which will be used as a clinical competency. The competency evaluation for this procedure must be achieved at a minimum of 75%.

(j) Certificate of Completion. A course provider shall issue a certificate of completion "Certification in Administration of Local Anesthesia, Nitrous Oxide-Oxygen Analgesia, and Periodontal Soft Tissue Curettage, (DHCC SLN-02 05/2013) hereby incorporated by reference, only after a student has achieved clinical competency of the three procedures.

Note Authority cited: Sections 1905, 1906 and 1909, Business and Professions Code. Reference: Sections 1905 and 1909 Business and Professions Code.