

# HOUSE BILL No. 4675

May 13, 2003, Introduced by Reps. Vander Veen, Kooiman, Drolet, LaJoy, Hager, Voorhees, Newell, Robertson and Caswell and referred to the Committee on Health Policy.

A bill to amend 1978 PA 368, entitled  
"Public health code,"  
by amending section 16611 (MCL 333.16611), as amended by 2002 PA  
423.

**THE PEOPLE OF THE STATE OF MICHIGAN ENACT:**

1       Sec. 16611. (1) An individual shall not engage in the  
2 practice of dentistry, the practice as a dental hygienist, or the  
3 practice as a dental assistant unless he or she is licensed or  
4 otherwise authorized by this article.

5       (2) Deep scaling, root planing, and the removal of calcareous  
6 deposits may only be performed by an individual licensed or  
7 otherwise authorized by this article as a dental hygienist or a  
8 dentist.

9       (3) The department shall not issue a dental hygienist's  
10 license to an individual unless the individual has graduated from

1 a school or college for dental hygienists whose dental hygiene  
2 program is accredited by the commission on dental accreditation  
3 of the American dental association and approved by the  
4 department. The school or college must be accredited by a  
5 regional accrediting agency for colleges, universities, or  
6 institutions of higher education that is recognized by the United  
7 States department of education and approved by the department and  
8 must conduct a curriculum consisting of not less than 2 academic  
9 years for dental hygiene graduation with courses at the  
10 appropriate level to enable matriculation into a more advanced  
11 academic degree program.

12 (4) Upon delegation by a dentist under section 16215 and  
13 under the direct supervision of a dentist, a dental hygienist may  
14 administer intraoral block and infiltration anesthesia ~~to a~~  
15 ~~patient who is 18 years of age or older~~ **or nitrous oxide**  
16 **analgesia, or both**, if the following criteria are met:

17 (a) The dental hygienist has successfully completed a course  
18 in the administration of local anesthesia **or nitrous oxide**  
19 **analgesia, or both as applicable**, offered by a dental or dental  
20 hygiene program accredited by the commission on dental  
21 accreditation of the American dental association and approved by  
22 the department. A course described in this subdivision **involving**  
23 **local anesthesia administration** must contain a minimum of 15  
24 hours didactic instruction and 14 hours of clinical experience.  
25 **A course described in this subdivision involving nitrous oxide**  
26 **analgesia administration must contain a minimum of 4 hours of**  
27 **didactic instruction and 4 hours of clinical experience.** The

1 courses of instruction shall include content in all of the  
2 following:

3 **(i) In the case of local anesthesia, the following:**

4 **(A) ~~(i)~~ Theory of pain control.**

5 **(B) ~~(ii)~~ Selection of pain control modalities.**

6 **(C) ~~(iii)~~ Anatomy.**

7 **(D) ~~(iv)~~ Neurophysiology.**

8 **(E) ~~(v)~~ Pharmacology of local anesthetics.**

9 **(F) ~~(vi)~~ Pharmacology of vasoconstrictors.**

10 **(G) ~~(vii)~~ Psychological aspects of pain control.**

11 **(H) ~~(viii)~~ Systemic complications.**

12 **(I) ~~(ix)~~ Techniques of maxillary anesthesia.**

13 **(J) ~~(x)~~ Techniques of mandibular anesthesia.**

14 **(K) ~~(xi)~~ Infection control.**

15 **(L) ~~(xii)~~ Local anesthesia medical emergencies.**

16 **(ii) In the case of nitrous oxide analgesia, the following:**

17 **(A) Nitrous oxide analgesia medical emergencies.**

18 **(B) Pharmacology of nitrous oxide.**

19 **(C) Nitrous oxide techniques.**

20 **(D) If such a course is available, selection of pain control**  
21 **modalities.**

22 (b) The dental hygienist has successfully completed a state  
23 or regional board-administered written examination on ~~local~~  
24 ~~anesthesia~~ **either or both of the following** within 18 months of  
25 completion of the course work required under subdivision (a): —

26 **(i) Local anesthesia.**

27 **(ii) Nitrous oxide analgesia, if such a course is available**

1 and approved by the department.

2 (c) The dental hygienist maintains and can show evidence of  
3 current certification in basic or advanced cardiac life support  
4 in compliance with R 338.11701 of the Michigan administrative  
5 code.

6 (5) Application for certification in the administration of  
7 local anesthesia and nitrous oxide under subsection (4) is at the  
8 discretion of each individual dental hygienist and the  
9 certification shall be issued or documented by the department or  
10 its designee.

11 (6) Monitoring and assisting the administration of nitrous  
12 oxide analgesia is at the discretion of each individual  
13 registered dental assistant who fulfills the applicable  
14 conditions imposed in subsection (7).

15 (7) Upon delegation by a dentist under section 16215 and  
16 under the direct supervision of a dentist, a registered dental  
17 assistant may assist and monitor the administration of nitrous  
18 oxide analgesia by the dentist or dental hygienist if the  
19 registered dental assistant has successfully completed a course  
20 in the assisting and monitoring of the administration of nitrous  
21 oxide analgesia offered by a dental or dental assisting program  
22 accredited by the commission on dental accreditation of the  
23 American dental association and approved by the department. The  
24 course must contain a minimum of 5 hours of didactic instruction  
25 and include content in all of the following:

26 (a) Nitrous oxide analgesia medical emergencies techniques.

27 (b) Pharmacology of nitrous oxide techniques.

1           (c) Nitrous oxide techniques.

2           (8) ~~(6)~~ As used in this section: ~~—~~"direct

3           (a) "Assisting" means setting up equipment and placing the  
4 face mask. Assisting does not include titrating and turning on  
5 or off equipment. The nitrous oxide levels must be preset by the  
6 dentist or dental hygienist and shall not be adjusted by the  
7 registered dental assistant.

8           (b) "Direct supervision" means that a dentist complies with  
9 all of the following:

10          (i) ~~(a)~~ Designates a patient of record upon whom the  
11 procedures are to be performed and describes the procedures to be  
12 performed.

13          (ii) ~~(b)~~ Examines the patient before prescribing the  
14 procedures to be performed and upon completion of the  
15 procedures.

16          (iii) ~~(c)~~ Is physically present in the office at the time  
17 the procedures are being performed.

18          (c) "Monitoring" means observing levels, admonishing, and  
19 reporting to the dentist or dental hygienist.