COMMITTEE SUBSTITUTE

FOR

H. B. 2479

(BY DELEGATES MORGAN, STEPHENS, HARTMAN, HATFIELD, D. POLING, MARTIN, STAGGERS, SWARTZMILLER AND ROWAN)

(Originating in the Committee on the Judiciary) [February 21, 2011]

A BILL to repeal §30-4A-6 of the Code of West Virginia, 1931, as amended; to amend and reenact §30-4A-4, §30-4A-5 and §30-4A-8 of said code; and to amend said code by adding thereto four new sections, designated §30-4A-6a, §30-4A-6b, §30-4A-6c and §30-4A-6d, all relating to the administration of anesthesia by dentists and in dental offices; permit requirements; classes of permits; qualifications and certifications required for the

respective classes of permits; standards of care; patient monitoring requirements; education and certification requirements for monitors and assistants; and related office evaluations.

Be it enacted by the Legislature of West Virginia:

That §30-4A-6 of the Code of West Virginia, 1931, as amended, be repealed; that §30-4A-4, §30-4A-5 and §30-4A-8 of said code be amended and reenacted; and that said code be amended by adding thereto four new sections, designated §30-4A-6a, §30-4A-6b, §30-4A-6c and §30-4A-6d, all to read as follows:

ARTICLE 4A. ADMINISTRATION OF ANESTHESIA BY DENTISTS.

§30-4A-4. Requirement for anesthesia certificate or permit.

- 1 (1) No dentist may induce central nervous system
- 2 anesthesia without first having obtained an anesthesia permit
- 3 under these rules for the level of anesthesia being induced.
- 4 (2) The applicant for an anesthesia permit must pay the
- 5 appropriate permit fees and renewal fees, designated in
- 6 section six of this article, submit a completed board-approved

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- 7 application and consent to an office evaluation. The fees are
- 8 to be set in accordance with section eighteen of this article.
- 9 (3) Permits shall be issued to coincide with the
- applicant's licensing period.
- 11 (4) Permit holders shall report the names and
- 12 qualifications of each qualified monitor. A monitor qualified
- by PALS or ACLS shall maintain that certification to act as
- 14 <u>a qualified monitor.</u>
- 15 (5) A dentist shall hold a class permit equivalent to or
- 16 exceeding the anesthesia level being provided, unless the
- 17 provider of anesthesia is a physician anesthesiologist or
- 18 <u>licensed dentist who holds a current anesthesia permit issued</u>
- by the Board.

§30-4A-5. Classes of anesthesia certificates and permits.

- 1 (a) The Board shall issue the following certificates and/or
- 2 permits:
- 3 (1) Class 2 Certificate Permit: A Class 2 Certificate
- 4 Permit authorizes a dentist to induce anxiolysis.

- 5 (2) Class 3 Permit: A Class 3 Permit authorizes a dentist
- 6 to induce conscious sedation as limited enteral (3a) and/or
- 7 comprehensive parenteral (3b), and anxiolysis.
- 8 (3) Class 4 Permit: A Class 4 Permit authorizes a dentist
- 9 to induce general anesthesia/deep conscious sedation,
- 10 conscious sedation, and anxiolysis.
- 11 (b) When anesthesia services are provided in dental
- 12 facilities by a physician anesthesiologist, the dental facility
- shall be inspected and approved for a Class IV permit.

§30-4A-6a. Qualifications, standards applicable, and continuing education requirements for relative analgesia use.

- 1 (a) The board shall allow administration of relative
- 2 <u>analgesia if the practitioner:</u>
- 3 (1) Is a licensed dentist in the State of West Virginia;
- 4 (2) Holds valid and current documentation showing
- 5 <u>successful completion of a Health Care Provider BLS/CPR</u>
- 6 course; and
- 7 (3) Has completed a training course of instruction in
- 8 dental school, continuing education or as a postgraduate in
- 9 the administration of relative analgesia.

10	(b) A practitioner who administers relative analgesia shall
11	have the following facilities, equipment and drugs available
12	during the procedure and during recovery:
13	(1) An operating room large enough to adequately
14	accommodate the patient on an operating table or in an
15	operating chair and to allow delivery of age appropriate care
16	in an emergency situation;
17	(2) An operating table or chair which permits the patient
18	to be positioned so that the patient's airway can be
19	maintained, quickly alter the patient's position in an
20	emergency, and provide a firm platform for the
21	administration of basic life support;
22	(3) A lighting system which permits evaluation of the
23	patient's skin and mucosal color and a backup lighting
24	system of sufficient intensity to permit completion of any
25	operation underway in the event of a general power failure;
26	(4) Suction equipment which permits aspiration of the
27	oral and pharyngeal cavities;

28 (5) An oxygen delivery system with adequate full face masks and appropriate connectors that is capable of 29 delivering high flow oxygen to the patient under positive 30 31 pressure, together with an adequate backup system; and 32 (6) A nitrous oxide delivery system with a fail-safe mechanism that will insure appropriate continuous oxygen 33 34 delivery and a scavenger system. 35 All equipment used must be appropriate for the height 36 and weight of the patient. 37 (c) Before inducing nitrous oxide sedation, a practitioner 38 shall: 39 (1) Evaluate the patient; (2) Give instruction to the patient or, when appropriate 40 41 due to age or psychological status of the patient, the patient's 42 guardian; and (3) Certify that the patient is an appropriate candidate for 43 44 relative analgesia. 45 (d) A practitioner who administers relative analgesia shall

see that the patient's condition is visually monitored. At all

47 times the patient shall be observed by a Qualified Monitor until discharge criteria have been met. The Qualified 48 49 Monitor shall hold valid and current documentation showing successful completion of a Health Care Provider BLS/CPR 50 51 certification. Documentation of credentials and training must 52 be maintained in the personnel records of the Qualified 53 Monitor. The patient shall be monitored as to response to 54 verbal stimulation and oral mucosal color. 55 (e) The record must include documentation of all 56 medications administered with dosages, time intervals and 57 route of administration. 58 (f) A discharge entry shall be made in the patient's record 59 indicating the patient's condition upon discharge. 60 (g) Hold valid and current documentation: 61 (1) Showing successful completion of a Health Care 62 Provider BLS/CPR course; and 63 (2) Have received training and be competent in the 64 recognition and treatment of medical emergencies, 65 monitoring vital signs, the operation of nitrous oxide delivery

- 66 systems and the use of the sphygmomanometer and
- 67 stethoscope.
- (h) The practitioner shall assess the patient's responsiveness
- 69 <u>using preoperative values as normal guidelines and discharge the</u>
- 70 patient only when the following criteria are met:
- 71 (1) The patient is alert and oriented to person, place and
- 72 time as appropriate to age and preoperative neurological
- 73 status;
- 74 (2) The patient can talk and respond coherently to verbal
- 75 questioning or to preoperative neurological status;
- 76 (3) The patient can sit up unaided or without assistance
- or to preoperative neurological status;
- 78 (4) The patient can ambulate with minimal assistance or
- 79 to preoperative neurological status; and
- 80 (5) The patient does not have nausea, vomiting or
- 81 <u>dizziness.</u>

§30-4A-6b. Qualifications, standards applicable, and continuing education requirements for a Class II Permit.

- 1 (a) The board shall issue a Class II Permit to an applicant
- 2 who:

- 3 (1) Is a licensed dentist in West Virginia;
- 4 (2) Holds valid and current documentation showing
- 5 successful completion of a Health Care Provider BLS/CPR;
- 6 and
- 7 (3) Has completed a board approved course of at least six
- 8 hours didactic and clinical of either predoctoral dental school
- 9 or postgraduate instruction.
- 10 (b) A dentist who induces anxiolysis shall have the
- 11 following facilities, properly maintained equipment and
- 12 appropriate drugs available during the procedures and during
- 13 <u>recovery:</u>
- 14 (1) An operating room large enough to adequately
- 15 accommodate the patient on an operating table or in an
- operating chair and to allow an operating team of at least two
- individuals to freely move about the patient;
- 18 (2) An operating table or chair which permits the patient
- 19 to be positioned so the operating team can maintain the
- 20 patient's airway, quickly alter the patient's position in an
- 21 emergency, and provide a firm platform for the
- 22 administration of basic life support;

- 23 (3) A lighting system which permits evaluation of the
- 24 patient's skin and mucosal color and a backup lighting
- 25 system of sufficient intensity to permit completion of any
- 26 operation underway in the event of a general power failure;
- 27 (4) Suction equipment which permits aspiration of the
- 28 <u>oral and pharyngeal cavities;</u>
- 29 (5) An oxygen delivery system with adequate full face
- mask and appropriate connectors that is capable of delivering
- 31 high flow oxygen to the patient under positive pressure,
- 32 <u>together with an adequate backup system;</u>
- 33 (6) A nitrous oxide delivery system with a fail-safe
- mechanism that will insure appropriate continuous oxygen
- delivery and a scavenger system;
- 36 (7) A recovery area that has available oxygen, adequate
- 37 <u>lighting</u>, suction and electrical outlets. The recovery area can
- 38 be the operating room;
- 39 (8) Sphygmomanometer, stethoscope, and pulse
- 40 <u>oximeter;</u>
- 41 (9) Emergency drugs; and

42 (10) A defibrillator device is recommended. 43 (11) All equipment and medication dosages must be in 44 accordance with the height and weight of the patient being 45 treated. 46 (c) Before inducing anxiolysis, a dentist shall: 47 (1) Evaluate the patient; 48 (2) Certify that the patient is an appropriate candidate for 49 anxiolysis sedation; and 50 (3) Obtain written informed consent from the patient or 51 patient's guardian for the anesthesia. The obtaining of the 52 informed consent shall be documented in the patient's record. 53 (d) The dentist shall monitor and record the patient's condition or shall use a Qualified Monitor to monitor and 54 55 record the patient's condition. The Qualified Monitor shall 56 have a current Health Care Provider BLS/CPR certification. 57 A Class II Permit holder shall have no more than one person 58 under anxiolysis at the same time. 59 (e) The patient shall be monitored as follows:

60 (1) Patients must have continuous monitoring using pulse 61 oximetry. The patient's blood pressure, heart rate and 62 respiration shall be recorded at least once before, during and after the procedure, and these recordings shall be 63 documented in the patient record. At all times the patient 64 65 shall be observed by a Qualified Monitor until discharge 66 criteria have been met. If the dentist is unable to obtain this information, the reasons shall be documented in the patient's 67 68 record. The record must also include documentation of all 69 medications administered with dosages, time intervals and 70 route of administration. 71 (2) A discharge entry shall be made by the dentist in the patient's record indicating the patient's condition upon 72 73 discharge. 74 (f) A permit holder who uses anxiolysis shall see that the 75 patient's condition is visually monitored. The patient shall be monitored as to response to verbal stimulation, oral 76 77 mucosal color and preoperative and postoperative vital signs.

78	(g) The dentist shall assess the patient's responsiveness
79	using preoperative values as normal guidelines and discharge
80	the patient only when the following criteria are met:
81	(1) Vital signs including blood pressure, pulse rate and
82	respiratory rate are stable;
83	(2) The patient is alert and oriented to person, place and
84	time as appropriate to age and preoperative neurological
85	status;
86	(3) The patient can talk and respond coherently to verbal
87	questioning, or to preoperative neurological status;
88	(4) The patient can sit up unaided, or to preoperative
89	neurological status;
90	(5) The patient can ambulate with minimal assistance, or
91	to preoperative neurological status; and
92	(6) The patient does not have uncontrollable nausea or
93	vomiting and has minimal dizziness.
94	(7) A dentist may not release a patient who has
95	undergone anxyolysis except to the care of a responsible
96	adult third party.

§30-4A-6c. Qualifications, standards applicable, and continuing education requirements for Class III Anesthesia Permit.

1	(a) The board shall issue or renew a Class 3 Permit to an
2	applicant who:
3	(1) Is a licensed dentist in West Virginia;
4	(2) Holds valid and current documentation showing
5	successful completion of a Health Care Provider BLS/CPR
6	course, ACLS and/or a PALS course if treating pediatric
7	patients; and
8	(3) Satisfies one of the following criteria:
9	(A) Certificate of completion of a comprehensive training
10	program in conscious sedation that satisfies the requirements
11	described in Part III of the ADA Guidelines for Teaching the
12	Comprehensive Control of Pain and Anxiety in Dentistry at
13	the time training was commenced.
14	(B) Certificate of completion of an ADA accredited
15	postdoctoral training program which affords comprehensive
16	and appropriate training necessary to administer and manage
17	conscious sedation, commensurate with these guidelines.

18	(C) In lieu of these requirements, the board may accept
19	documented evidence of equivalent training or experience in
20	conscious sedation anesthesia:
21	(i) Limited (Enteral) Permit (3(a)) must have a board
22	approved course of at least eighteen hours didactic and
23	twenty mentored clinical cases.
24	(ii) Comprehensive (Parenteral) Permit (3(b)) must have
25	a board approved course of at least sixty hours didactic and
26	twenty mentored clinical cases.
27	(b) A dentist who induces conscious sedation shall have
28	the following facilities, properly maintained age appropriate
29	equipment and age appropriate medications available during
30	the procedures and during recovery:
31	(1) An operating room large enough to adequately
32	accommodate the patient on an operating table or in an
33	operating chair and to allow an operating team of at least two
34	individuals to freely move about the patient;
35	(2) An operating table or chair which permits the patient
36	to be positioned so the operating team can maintain the

37 patient's airway, quickly alter the patient's position in an 38 emergency, and provide a firm platform for the 39 administration of basic life support; 40 (3) A lighting system which permits evaluation of the patient's skin and mucosal color and a backup lighting 41 42 system of sufficient intensity to permit completion of any operation underway in the event of a general power failure; 43 44 (4) Suction equipment which permits aspiration of the oral and pharyngeal cavities and a backup suction device 45 which will function in the event of a general power failure; 46 47 (5) An oxygen delivery system with adequate full face 48 mask and appropriate connectors that is capable of delivering 49 high flow oxygen to the patient under positive pressure, 50 together with an adequate backup system; (6) A nitrous oxide delivery system with a fail-safe 51 mechanism that will insure appropriate continuous oxygen 52 53 delivery and a scavenger system; 54 (7) A recovery area that has available oxygen, adequate 55 lighting, suction and electrical outlets. The recovery area can 56 be the operating room;

57 (8) Sphygmomanometer, pulse oximeter, oral and 58 nasopharyngeal airways, intravenous fluid administration 59 equipment; (9) Emergency drugs including, but not limited to: 60 Pharmacologic antagonists appropriate to the drugs used, 61 vasopressors, corticosteroids, bronchodilators, antihistamines, 62 63 antihypertensives and anticonvulsants; and 64 (10) A defibrillator device. 65 (c) Before inducing conscious sedation, a dentist shall: (1) Evaluate the patient and document, using the 66 67 American Society of Anesthesiologists Patient Physical Status Classifications, that the patient is an appropriate 68 69 candidate for conscious sedation; 70 (2) Give written preoperative and postoperative 71 instructions to the patient or, when appropriate due to age or 72 neurological status of the patient, the patient's guardian; and 73 (3) Obtain written informed consent from the patient or patient's guardian for the anesthesia. 74

75 (d) The dentist shall ensure that the patient's condition is 76 monitored and recorded on a contemporaneous record. The 77 dentist shall use a Qualified Monitor to monitor and record the patient's condition in addition to the chair side dental 78 79 assistant. A Qualified Monitor shall be present to monitor 80 the patient at all times. (e) The patient shall be monitored as follows: 81 (1) Patients must have continuous monitoring using pulse 82 83 oximetry. At no time shall the patient be unobserved by a 84 Qualified Monitor until discharge criteria have been met. 85 The Qualified Monitor shall have a current Health Care provider BLS/CPR certification and certication from the 86 American Association of Oral and Maxillofacial Surgeon' 87 certification program for Anesthesia Assistants or an 88 89 equivalent. The patient's blood pressure, heart rate, and respiration shall be recorded every five minutes, and these 90 91 recordings shall be documented in the patient record. The 92 record must also include documentation of preoperative and postoperative vital signs, all medications administered with 93

time as appropriate to age and preoperative neurological status;

- 113 (3) The patient can talk and respond coherently to verbal
- questioning, or to preoperative neurological status;
- 115 (4) The patient can sit up unaided, or to preoperative
- 116 <u>neurological status;</u>
- 117 (5) The patient can ambulate with minimal assistance, or
- 118 to preoperative neurological status; and
- 119 (6) The patient does not have uncontrollable nausea or
- vomiting and has minimal dizziness.
- (h) A dentist who induces conscious sedation shall
- employ the services of a Qualified Monitor and a chair side
- dental assistant at all times who each shall hold a valid
- 124 BLS/CPR certification and maintains such certification.

§30-4A-6d. Qualifications, standards applicable, and continuing education requirements for Class IV Anesthesia Permit.

- 1 (a) A Class IV Permit permits the use of general
- 2 anesthesia/deep conscious sedation, conscious sedation, and
- 3 <u>anxiolysis.</u>
- 4 (b) The board shall issue or renew a Class IV Permit to
- 5 an applicant who:

- 6 (1) Is a licensed dentist in West Virginia;
- 7 (2) Has a current Advanced Cardiac Life Support
- 8 (ACLS) Certificate;
- 9 (3) Satisfies one of the following criteria:
- 10 (A) Completion of an advanced training program in
- 11 <u>anesthesia and related subjects beyond the undergraduate</u>
- dental curriculum that satisfies the requirements described in
- 13 Part II of the ADA Guidelines for Teaching the
- 14 Comprehensive Control of Pain and Anxiety in Dentistry at
- 15 <u>the time training was commenced;</u>
- 16 (B) Completion of an ADA or AMA accredited
- 17 postdoctoral training program which affords comprehensive
- 18 and appropriate training necessary to administer and manage
- 19 general anesthesia, commensurate with these guidelines;
- 20 (C) In lieu of these requirements, the board may accept
- 21 documented evidence of equivalent training or experience in
- 22 general anesthesia.
- 23 (c) A dentist who induces general anesthesia/deep
- 24 conscious sedation shall have the following facilities,

25 properly maintained age appropriate equipment and age 26 appropriate drugs available during the procedure and during 27 recovery: (1) An operating room large enough to adequately 28 accommodate the patient on an operating table or in an 29 30 operating chair and to allow an operating team of at least 31 three individuals to freely move about the patient; 32 (2) An operating table or chair which permits the patient 33 to be positioned so the operating team can maintain the 34 patient's airway, quickly alter the patient's position in an emergency, and provide a firm platform for the 35 36 administration of basic life support; 37 (3) A lighting system which permits evaluation of the 38 patient's skin and mucosal color and a backup lighting 39 system of sufficient intensity to permit completion of any operation underway in the event of a general power failure; 40 41 (4) Suction equipment which permits aspiration of the 42 oral and pharyngeal cavities and a backup suction device

which will function in the event of a general power failure;

44	(5) An oxygen delivery system with adequate full face
45	mask and appropriate connectors that is capable of delivering
46	high flow oxygen to the patient under positive pressure,
47	together with an adequate backup system;
48	(6) A nitrous oxide delivery system with a fail-safe
49	mechanism that will insure appropriate continuous oxygen
50	delivery and a scavenger system;
51	(7) A recovery area that has available oxygen, adequate
52	lighting, suction and electrical outlets. The recovery area can
53	be the operating room;
54	(8) Sphygmomanometer, pulse oximeter,
55	electrocardiograph monitor, defibrillator or automated
56	external defibrillator, laryngoscope with endotracheal tubes,
57	oral and nasopharyngeal airways, intravenous fluid
58	administration equipment;
59	(9) Emergency drugs including, but not limited to:
60	Pharmacologic antagonists appropriate to the drugs used,
61	vasopressors, corticosteroids, bronchodilators, intravenous

medications for treatment of cardiac arrest, narcotic

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63	antagonist, antihistaminic, antiarrhythmics, antihypertensives
64	and anticonvulsants; and
65	(10) A defibrillator device.
66	(d) Before inducing general anesthesia/deep conscious
67	sedation the dentist shall:
68	(1) Evaluate the patient and document, using the
69	American Society of Anesthesiologists Patient Physical
70	Status Classifications, that the patient is an appropriate
71	candidate for general anesthesia or deep conscious sedation;
72	(2) Shall give written preoperative and postoperative
73	instructions to the patient or, when appropriate due to age or
74	neurological status of the patient, the patient's guardian; and
75	(3) Shall obtain written informed consent from the patient
76	or patient's guardian for the anesthesia.
77	(e) A dentist who induces general anesthesia/deep
78	conscious sedation shall ensure that the patient's condition is
79	monitored and recorded on a contemporaneous record. The
80	dentist shall use a Qualified Monitor to monitor and record
81	the patient's condition on a contemporaneous record and a

82 chair side dental assistant. The Qualified Monitor shall hold current Heatlh Care provider BLS/CPR certification and hold 83 84 certification as an Anesthesia Assistant from the American Association of Oral and Maxillofacial Surgeon Office 85 86 Anesthesia Assistant certification program for Anesthesia 87 Assistants or an equivalent. No permit holder shall have more than one patient under general anesthesia at the same 88 89 time. 90 (f) The patient shall be monitored as follows: 91 (1) Patients must have continuous monitoring of their 92 heart rate, oxygen saturation levels and respiration. At no 93 time shall the patient be unobserved by a Qualified Monitor until discharge criteria have been met. The patient's blood 94 pressure, heart rate and oxygen saturation shall be assessed 95 96 every five minutes, and shall be contemporaneously 97 documented in the patient record. The record must also include documentation of preoperative and postoperative 98 99 vital signs, all medications administered with dosages, time

intervals and route of administration.

The person

- administering the anesthesia may not leave the patient will
- the patient is under general anesthesia;
- 103 (2) During the recovery phase, the patient must be
- monitored, including the use of pulse oximetry, by a
- 105 Qualified Monitor; and
- 106 (3) A dentist may not release a patient who has
- 107 <u>undergone general anesthesia/deep conscious sedation except</u>
- to the care of a responsible adult third party.
- 109 (g) The dentist shall assess the patient's responsiveness
- 110 <u>using preoperative values as normal guidelines and discharge</u>
- the patient only when the following criteria are met:
- (1) Vital signs including blood pressure, pulse rate and
- respiratory rate are stable;
- 114 (2) The patient is alert and oriented to person, place and
- 115 time as appropriate to age and preoperative neurological
- 116 status;
- 117 (3) The patient can talk and respond coherently to verbal
- questioning, or to preoperative neurological status;

- $\S 30-4A-8$. Office evaluations.
 - 1 $\frac{\text{(1)}}{\text{(a)}}$ The in-office evaluation shall include:
 - 2 (a) (1) Observation of one or more cases of anesthesia to
 - 3 determine the appropriateness of technique and adequacy of
 - 4 patient evaluation and care;

- 28
- 5 (b) (2) Inspection of facilities, which shall include but not
- 6 be limited to, the inspection of equipment, , drugs and
- 7 records and Qualified Monitor's certifications and
- 8 documentation; and
- 9 $\frac{2}{2}$ (3) The evaluation shall be performed by a team
- appointed by the board and shall include:
- 11 $\frac{\text{(a)}(A)}{\text{(A)}}$ A permit holder who has the same type of license
- 12 as the licensee to be evaluated and who holds a current
- anesthesia permit in the same class or in a higher class than
- that held by the licensee being evaluated;
- 15 (b) (B) A member of the board's Anesthesia Committee;
- 16 (c) (C) Class II permit holders may be audited
- 17 periodically as determined by the committee; and
- (d) (D) Class III and IV permit holders shall be evaluated
- once every five years.
- 20 (b) A dentist utilizing a physician anesthesiologist or
- 21 anesthetist who holds a a certificate or authority to administer
- 22 <u>anesthesia by virtue of a board certification issued by a board</u>
- 23 other than the West Virginia Board of Dental Examiners

- shall have his dental office inspected and shall maintain
 facilities and resources sufficient to meet the standards and
 requirements of a Level IV permit holder, and shall have the
 number of Qualified Monitors present as required by this
- article.