WEST VIRGINIA LEGISLATURE

FIRST REGULAR SESSION, 2011

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ENROLLED

COMMITTEE SUBSTITUTE FOR House Bill No. 2479

(By Delegates Morgan, Stephens, Hartman, Hatfield, D. Poling, Martin, Staggers, Swartzmiller and Rowan)

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Passed March 10, 2011

In Effect Ninety Days From Passage

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COMMITTEE SUBSTITUTE

FOR

H. B. 2479

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

[Passed March 10, 2011; in effect ninety days from passage.]

AN ACT 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That §30-4A-6 of the Code of West Virginia, 1931, as amended, be repealed; that §30-4A-4, §30-4A-5 and §30-4A-8 of said code be amended and reenacted; and that said code be amended by adding thereto four new sections, designated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 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 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 10 applicant's licensing period.

(4) Permit holders shall report the names and
qualifications of each qualified monitor. A monitor qualified
by PALS or ACLS shall maintain that certification to act as
a qualified monitor.

(5) A dentist shall hold a class permit equivalent to or
exceeding the anesthesia level being provided, unless the
provider of anesthesia is a physician anesthesiologist or
licensed dentist who holds a current anesthesia permit issued
by the Board.

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

1 (a) The Board shall issue the following permits:

2 (1) Class 2 Permit: A Class 2 Permit authorizes a dentist3 to induce anxiolysis.

4 (2) Class 3 Permit: A Class 3 Permit authorizes a dentist
5 to induce conscious sedation as limited enteral (3a) and/or
6 comprehensive parenteral (3b), and anxiolysis.

7 (3) Class 4 Permit: A Class 4 Permit authorizes a dentist
8 to induce general anesthesia/deep conscious sedation,
9 conscious sedation, and anxiolysis.

(b) When anesthesia services are provided in dental
facilities by a physician anestesiologist, 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 analgesia if the practitioner:

3 (1) Is a licensed dentist in the State of West Virginia;

4 (2) Holds valid and current documentation showing
5 successful completion of a Health Care Provider BLS/CPR
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 shall11 have the following facilities, equipment and drugs available

12 during the procedure and during recovery:

(1) An operating room large enough to adequately
accommodate the patient on an operating table or in an
operating chair and to allow delivery of age appropriate care
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;

(3) A lighting system which permits evaluation of the
patient's skin and mucosal color and a backup lighting
system of sufficient intensity to permit completion of any
operation underway in the event of a general power failure;

26 (4) Suction equipment which permits aspiration of the27 oral and pharyngeal cavities;

(5) An oxygen delivery system with adequate full face
masks and appropriate connectors that is capable of
delivering high flow oxygen to the patient under positive
pressure, together with an adequate backup system; and

32 (6) A nitrous oxide delivery system with a fail-safe
33 mechanism that will insure appropriate continuous oxygen
34 delivery and a scavenger system.

All equipment used must be appropriate for the heightand weight of the patient.

37 (c) Before inducing nitrous oxide sedation, a practitioner38 shall:

39 (1) Evaluate the patient;

40 (2) Give instruction to the patient or, when appropriate
41 due to age or psychological status of the patient, the patient's
42 guardian; and

43 (3) Certify that the patient is an appropriate candidate for44 relative analgesia.

45 (d) A practitioner who administers relative analgesia shall 46 see that the patient's condition is visually monitored. At all times the patient shall be observed by a Qualified Monitor 47 48 until discharge criteria have been met. The Qualified 49 Monitor shall hold valid and current documentation showing 50 successful completion of a Health Care Provider BLS/CPR 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 verbal stimulation and oral mucosal color. 54

- (e) The record must include documentation of all
 medications administered with dosages, time intervals and
 route of administration.
- (f) A discharge entry shall be made in the patient's recordindicating the patient's condition upon discharge.
- 60 (g) Hold valid and current documentation:

61 (1) Showing successful completion of a Health Care62 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 using preoperative values as normal
guidelines and discharge the patient only when the following
criteria are met:

(1) The patient is alert and oriented to person, place and
time as appropriate to age and preoperative neurological
status;

75 (2) The patient can talk and respond coherently to verbal76 questioning or to preoperative neurological status;

(3) The patient can sit up unaided or without assistanceor to preoperative neurological status;

(4) The patient can ambulate with minimal assistance orto preoperative neurological status; and

81 (5) The patient does not have nausea, vomiting or82 dizziness.

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

(a) The board shall issue a Class II Permit to an 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 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.

(b) A dentist who induces anxiolysis shall have the
following facilities, properly maintained equipment and
appropriate drugs available during the procedures and during
recovery:

(1) An operating room large enough to adequately
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;

(2) An operating table or chair which permits the patient
to be positioned so the operating team can maintain the
patient's airway, quickly alter the patient's position in an
emergency, and provide a firm platform for the
administration of basic life support;

(3) A lighting system which permits evaluation of the
patient's skin and mucosal color and a backup lighting
system of sufficient intensity to permit completion of any
operation underway in the event of a general power failure;

(4) Suction equipment which permits aspiration of theoral and pharyngeal cavities;

(5) An oxygen delivery system with adequate full face
mask and appropriate connectors that is capable of delivering
high flow oxygen to the patient under positive pressure,
together with an adequate backup system;

33 (6) A nitrous oxide delivery system with a fail-safe
34 mechanism that will insure appropriate continuous oxygen
35 delivery and a scavenger system;

36 (7) A recovery area that has available oxygen, adequate
37 lighting, suction and electrical outlets. The recovery area can
38 be the operating room;

39 (8) Sphygmomanometer, stethoscope, and pulse40 oximeter;

41 (9) Emergency drugs; and

42 (10) A defibrillator device is recommended.

43 (11) All equipment and medication dosages must be in44 accordance with the height and weight of the patient being45 treated.

- 46 (c) Before inducing anxiolysis, a dentist shall:
- 47 (1) Evaluate the patient;
- 48 (2) Certify that the patient is an appropriate candidate for49 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.

(d) The dentist shall monitor and record the patient's
condition or shall use a Qualified Monitor to monitor and
record the patient's condition. The Qualified Monitor shall
have a current Health Care Provider BLS/CPR certification.
A Class II Permit holder shall have no more than one person
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 63 after the procedure, and these recordings shall be documented 64 in the patient record. At all times the patient shall be observed by a Qualified Monitor until discharge criteria have
been met. If the dentist is unable to obtain this information,
the reasons shall be documented in the patient's record. The
record must also include documentation of all medications
administered with dosages, time intervals and route of
administration.

(2) A discharge entry shall be made by the dentist in the
patient's record indicating the patient's condition upon
discharge.

(f) A permit holder who uses anxiolysis shall see that the
patient's condition is visually monitored. The patient shall be
monitored as to response to verbal stimulation, oral mucosal
color and preoperative and postoperative vital signs.

(g) The dentist shall assess the patient's responsiveness
using preoperative values as normal guidelines and discharge
the patient only when the following criteria are met:

81 (1) Vital signs including blood pressure, pulse rate and82 respiratory rate are stable;

(2) The patient is alert and oriented to person, place and
time as appropriate to age and preoperative neurological
status;

86 (3) The patient can talk and respond coherently to verbal87 questioning, or to preoperative neurological status;

88 (4) The patient can sit up unaided, or to preoperative89 neurological status;

90 (5) The patient can ambulate with minimal assistance, or91 to preoperative neurological status; and

92 (6) The patient does not have uncontrollable nausea or93 vomiting and has minimal dizziness.

94 (7) A dentist may not release a patient who has 95 undergone anxiolysis except to the care of a responsible adult 96 third parts

96 third party.

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

- (a) The board shall issue or renew a Class 3 Permit to an
 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.

(B) Certificate of completion of an ADA accredited
postdoctoral training program which affords comprehensive
and appropriate training necessary to administer and manage
conscious sedation, commensurate with these guidelines.

18 (C) In lieu of these requirements, the board may accept
documented evidence of equivalent training or experience in
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.

(ii) Comprehensive (Parenteral) Permit (3(b)) must have
a board approved course of at least sixty hours didactic and
twenty mentored clinical cases.

(b) A dentist who induces conscious sedation shall have
the following facilities, properly maintained age appropriate
equipment and age appropriate medications available during
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;

(2) An operating table or chair which permits the patient
to be positioned so the operating team can maintain the
patient's airway, quickly alter the patient's position in an
emergency, and provide a firm platform for the
administration of basic life support;

40 (3) A lighting system which permits evaluation of the
41 patient's skin and mucosal color and a backup lighting
42 system of sufficient intensity to permit completion of any
43 operation underway in the event of a general power failure;

44 (4) Suction equipment which permits aspiration of the
45 oral and pharyngeal cavities and a backup suction device
46 which will function in the event of a general power failure;

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
mechanism that will insure appropriate continuous oxygen
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;

60 (9) Emergency drugs including, but not limited to:
61 Pharmacologic antagonists appropriate to the drugs used,
62 vasopressors, corticosteroids, bronchodilators,
63 antihistamines, antihypertensives and anticonvulsants; and

64 (10) A defibrillator device.

65 (c) Before inducing conscious sedation, a dentist shall:

66 (1) Evaluate the patient and document, using the
67 American Society of Anesthesiologists Patient Physical Status
68 Classifications, that the patient is an appropriate candidate
69 for conscious sedation;

(2) Give written preoperative and postoperative
instructions to the patient or, when appropriate due to age or
neurological status of the patient, the patient's guardian; and

73 (3) Obtain written informed consent from the patient or74 patient's guardian for the anesthesia.

(d) The dentist shall ensure that the patient's condition is
monitored and recorded on a contemporaneous record. The
dentist shall use a Qualified Monitor to monitor and record

78 the patient's condition in addition to the chair side dental

79 assistant. A Qualified Monitor shall be present to monitor

80 the patient at all times.

81 (e) The patient shall be monitored as follows:

82 (1) Patients must have continuous monitoring using pulse 83 oximetry. At no time shall the patient be unobserved by a Qualified Monitor until discharge criteria have been met. 84 85 The Qualified Monitor shall have a current Health Care 86 provider BLS/CPR certification and certication from the 87 American Association of Oral and Maxillofacial Surgeon's 88 certification program for Anesthesia Assistants or an 89 equivalent. The patient's blood pressure, heart rate, and 90 respiration shall be recorded every five minutes, and these 91 recordings shall be documented in the patient record. The 92 record must also include documentation of preoperative and 93 postoperative vital signs, all medications administered with 94 dosages, time intervals and route of administration. If the dentist is unable to obtain this information, the reasons shall 95 96 be documented in the patient's record.

97 (2) During the recovery phase, the patient must be98 monitored by a Qualified Monitor.

(3) A discharge entry shall be made by the dentist in the
patient's record indicating the patient's condition upon
discharge and the name of the responsible party to whom the
patient was discharged.

- (f) A dentist may not release a patient who has undergone
 conscious sedation except to the care of a responsible adult
 third party.
- 106 (g) The dentist shall assess the patient's responsiveness
 107 using preoperative values as normal guidelines and discharge
 108 the patient only when the following criteria are met:

109	(1) Vital signs including blood pressure, pulse rate and
110	respiratory rate are stable;
111	(2) The patient is alert and oriented to person, place and
112	time as appropriate to age and preoperative neurological
113	status;
114	(3) The patient can talk and respond coherently to verbal
115	questioning, or to preoperative neurological status;
116	(4) The patient can sit up unaided, or to preoperative
117	neurological status;
118	(5) The patient can ambulate with minimal assistance, or
119	to preoperative neurological status; and
120	(6) The patient does not have uncontrollable nausea or
121	vomiting and has minimal dizziness.
122	(h) A dentist who induces conscious sedation shall
123	employ the services of a Qualified Monitor and a chair side
124	dental assistant at all times who each shall hold a valid
125	BLS/CPR certification and maintains such certification.
§30-4A-6d. Qualifications, standards applicable, and continuing	
education requirements for Class IV Anesthesia	

1 (a) A Class IV Permit permits the use of general 2 anesthesia/deep conscious sedation, conscious sedation, and 3 anxiolysis.

- 4 (b) The board shall issue or renew a Class IV Permit to an5 applicant who:
- 6 (1) Is a licensed dentist in West Virginia;

Permit.

7 (2) Has a current Advanced Cardiac Life Support (ACLS)8 Certificate;

9 (3) Satisfies one of the following criteria:

(A) Completion of an advanced training program in
anesthesia and related subjects beyond the undergraduate
dental curriculum that satisfies the requirements described in
Part II of the ADA *Guidelines for Teaching the Comprehensive Control of Pain and Anxiety in Dentistry* at
the time training was commenced;

(B) Completion of an ADA or AMA accredited
postdoctoral training program which affords comprehensive
and appropriate training necessary to administer and manage
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.

(c) A dentist who induces general anesthesia/deep
conscious sedation shall have the following facilities,
properly maintained age appropriate equipment and age
appropriate drugs available during the procedure and during
recovery:

(1) An operating room large enough to adequately
accommodate the patient on an operating table or in an
operating chair and to allow an operating team of at least
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
35 emergency, and provide a firm platform for the
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
40 operation underway in the event of a general power failure;

41 (4) Suction equipment which permits aspiration of the
42 oral and pharyngeal cavities and a backup suction device
43 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;

(8) Sphygmomanometer, pulse oximeter,
electrocardiograph monitor, defibrillator or automated
external defibrillator, laryngoscope with endotracheal tubes,
oral and nasopharyngeal airways, intravenous fluid
administration equipment;

(9) Emergency drugs including, but not limited to:
Pharmacologic antagonists appropriate to the drugs used,
vasopressors, corticosteroids, bronchodilators, intravenous
medications for treatment of cardiac arrest, narcotic
antagonist, antihistaminic, antiarrhythmics, antihypertensives
and anticonvulsants; and

65 (10) A defibrillator device.

66 (d) Before inducing general anesthesia/deep conscious67 sedation the dentist shall:

68 (1) Evaluate the patient and document, using the
69 American Society of Anesthesiologists Patient Physical Status
70 Classifications, that the patient is an appropriate candidate

71 for general anesthesia or deep conscious sedation;

(2) Shall give written preoperative and postoperative
instructions to the patient or, when appropriate due to age or
neurological status of the patient, the patient's guardian; and

(3) Shall obtain written informed consent from the patientor patient's guardian for the anesthesia.

77 (e) A dentist who induces general anesthesia/deep conscious sedation shall ensure that the patient's condition is 78 79 monitored and recorded on a contemporaneous record. The dentist shall use a Qualified Monitor to monitor and record 80 81 the patient's condition on a contemporaneous record and a 82 chair side dental assistant. The Qualified Monitor shall hold 83 current Heatlh Care provider BLS/CPR certification and hold 84 certification as an Anesthesia Assistant from the American 85 Association of Oral and Maxillofacial Surgeon Office 86 Anesthesia Assistant certification program for Anesthesia Assistants or an equivalent. No permit holder shall have 87 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
94 until discharge criteria have been met. The patient's blood
95 pressure, heart rate and oxygen saturation shall be assessed

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 100 intervals and route of administration. The person 101 administering the anesthesia may not leave the patient while 102 the patient is under general anesthesia; 103 (2) During the recovery phase, the patient must be 104 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 undergone general anesthesia/deep conscious sedation except 108 to the care of a responsible adult third party. 109 (g) The dentist shall assess the patient's responsiveness using preoperative values as normal guidelines and discharge 111 the patient only when the following criteria are met: 112 (1) Vital signs including blood pressure, pulse rate and 113 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 status: 117 (3) The patient can talk and respond coherently to verbal 118 questioning, or to preoperative neurological status; 119 (4) The patient can sit up unaided, or to preoperative 120 neurological status; 121 (5) The patient can ambulate with minimal assistance, or 122 to preoperative neurological status; and

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(6) The patient does not have nausea or vomiting and hasminimal dizziness.

(7) A discharge entry shall be made in the patient's
record by the dentist indicating the patient's condition upon
discharge and the name of the responsible party to whom the
patient was discharged.

(h) A dentist who induces general anesthesia shall
employ the services of a Qualified Monitor and a chair side
dental assistant at all times, who each shall hold a valid
BLS/CPR certification and mantains such certification.

§30-4A-8. Office evaluations.

1 (a) The in-office evaluation shall include:

2 (1) Observation of one or more cases of anesthesia to
3 determine the appropriateness of technique and adequacy of
4 patient evaluation and care;

5 (2) Inspection of facilities, which shall include but not be
6 limited to, the inspection of equipment, drugs and records
7 and Qualified Monitor's certifications and documentation;
8 and

9 (3) The evaluation shall be performed by a team 10 appointed by the board and shall include:

(A) A permit holder who has the same type of license 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) A member of the board's Anesthesia Committee;

16 (C) Class II permit holders may be audited periodically17 as determined by the committee; and

(D) Class III and IV permit holders shall be evaluatedonce every five years.

(b) A dentist utilizing a licensed dentist who holds a
current anesthesia permit issued by the Board shall have his
or her office inspected to the level of the permit held by the
anesthesia permit holder. The office is only approved at that
level when the anesthesia permit holder is present and shall
have the number of qualified monitors present as required by
this article.

21 [Enr. Com. Sub. for H.B. 2479

The Joint Committee on Enrolled Bills hereby certifies that the foregoing bill is correctly enrolled.

Chairman, House Committee

Chairman, Senate Committee

Originating in the House.

To take effect ninety days from passage.

Clerk of the House of Delegates

Clerk of the Senate

Speaker of the House of Delegates

President of the Senate

The within ______ this the _____

day of _____, 2011.

Governor