



Oregon

John A. Kitzhaber, MD, Governor

Board of Dentistry
1500 SW 1st Avenue
Suite 770
Portland, OR 97201-5519
(971) 673-3200
Fax: (971) 673-3202

www.oregon.gov/dentistry

MEETING NOTICE

LICENSING, STANDARDS AND COMPETENCY COMMITTEE

Oregon Board of Dentistry
1500 SW 1st Ave., Suite 770
Portland, Oregon 97201

December 18, 2014
7:00 p.m.

Committee Members:

Jonna Hongo, D.M.D., Chair

Gary Underhill, D.M.D.

Yadira Martinez, R.D.H., E.P.P.

Daren L. Goin, D.M.D. - ODA Representative

Lisa J. Rowley, R.D.H. - ODHA Representative

Mary Harrison, CDA, EFDA, EOFDA - ODAA Representative

AGENDA

Call to Order Gary Underhill, D.M.D., Acting - Chair 7:00 p.m.

Review Minutes of August 23, 2012 Committee Meeting

August 23, 2012 Minutes **Attachment #1**

Review, discuss and make recommendations to the Board regarding the use of Silver Diamine Fluoride as it relates the Board's rules on Fluoride.

Oregon Board of Dentistry Minutes August 22, 2014 **Attachment #2**

Letter from Dr. Lyle McClellan, Willamette Dental Group **Attachment #3**

OAR 818-035-0025 **Attachment #4**

OAR 818-035-0030 **Attachment #5**

OAR 818-042-0040 **Attachment #6**

FDA Letter **Attachment #7**

Dr. Mike Shirtcliff E-mails **Attachment #8**

PubMed information on Silver Diamine Fluoride **Attachment #9**

The meeting location is accessible to persons with disabilities. A request for an interpreter for the hearing impaired or for other accommodations for persons with disabilities should be made at least 48 hours before the meeting to Stephen Prisby, (971) 673-3200.

Review, discuss and make possible recommendations to the OBD Rules Committee regarding proposed rule changes to OAR 818-042-0040 Prohibited Acts.

Draft OAR 818-042-0040 Prohibited Acts. **Attachment #10**

Review, discuss and make possible recommendations to the OBD Rules Committee regarding proposed rule changes to OAR 818-042-0070 Expanded Functions Dental Assistants (EFDA).

Draft OAR 818-042-0070 Expanded Functions Dental Assistants (EFDA).
Attachment #11

Review, discuss and make possible recommendations to the OBD Rules Committee regarding proposed rule changes to OAR 818-042-0090 Additional Functions EFDA.

Draft OAR 818-042-0090 Additional Functions EFDA. **Attachment #12**

Any other business

Adjournment

Memorandum

To: Attendees of OBD Meetings

From: Patrick D. Braatz, Executive Director

Re: OBD/Crown Plaza Conference Room access

The Crown Plaza closes the 1st floor lobby/access at 6:00 p.m.

The building must be accessed on the 2nd floor. There is a security desk/guard that you will need to sign in with and show I.D.

The parking garage is directly across the street from our building (The Crown Plaza). The access is via two walkways on the 2nd floor. If you walk up to the building there are stairs that take you to the second floor.

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**OREGON BOARD OF DENTISTRY
LICENSING, STANDARDS AND COMPETENCY COMMITTEE
MINUTES
AUGUST 23, 2012**

The Licensing, Standards and Competency Committee met at the OBD office on August 23, 2012.

Committee members present: Norman Magnuson, D.D.S., Chair; Julie Ann Smith, D.D.S., M.D.; Mary Davidson, M.P.H., R.D.H., E.P.P.; Daren L. Goin, D.M.D. - ODA Representative; Lisa J. Rowley, R.D.H. - ODHA Representative; Mary Harrison, CDA, EFDA, EFODA – ODAA Representative.

Staff present: Patrick D. Braatz, Executive Director; Paul Kleinstub, D.D.S., M.S., Dental Director/Chief Investigator; Lori Lindley, Senior Assistant Attorney General; and Teresa Haynes, Examination and Licensing Manager.

Visitors present were: Beryl Fletcher, ODA; Frances Sunseri, D.M.D., OAGD; Steven Little, D.M.D., OAGD; Kimberly Wright, D.M.D., OAGD; Lynn Ironside, R.D.H., ODHA; Michael Abbott, Practice Management Consultant; Alex Marrero, D.D.S., ODA; Fred Bremner, D.M.D., Clackamas County Dental Society; Bobby Ghaheri, The Oregon Clinic.

Board Members: Jonna Hongo, D.M.D.; Brandon Schwindt, D.M.D.; Patricia Parker, D.M.D.; Jill Mason, M.P.H., R.D.H., E.P.P.

Dr. Magnuson called the meeting to order at 7:00 p.m.

The Committee reviewed the minutes of May 17, 2012 and it was moved by Ms. Rowley and seconded by Ms. Harrison to approve the minutes. All voted in favor. The Motion passed.

The Committee reviewed and discussed training and education required for dentists to administer Botulinum Type A.

Dr. Goin moved, seconded by Ms. Rowley to recommend to the Board to recommend to the Rules Committee to develop a rule allowing general dentists who have appropriate training, with dental justification, to administer Botulinum Type A.

All voted in favor. The Motion passed.

The Committee reviewed and discussed amending OAR 818-021-0060 & 0070 Continuing Education (CE). It was the consensus of the Committee to leave the CE rules as is.

There being no further business, Dr. Magnuson adjourned the meeting at 8:20 p.m.

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OTHER BUSINESS

Silver Diamine fluoride use

Mr. Tripp moved and Dr. Beck seconded that the Board send the use of Silver diamine fluoride to the Licensing, Standards, and Competency Committee for review. The motion passed with Mr. Harvey, Dr. Beck, Ms. Davidson, Dr. Fine, Dr. Hongo, Mr. Morris, Dr. Smith, Mr. Tripp and Dr. Underhill voting aye.

Articles and News of Interest (no action necessary)

Nebraska State Dental Board Newsletter

EXECUTIVE SESSION: The Board entered into Executive Session pursuant to ORS 192.606 (1)(f), (h) and (k); ORS 676.165; ORS 676.175 (1), and ORS 679.320 to review records exempt from public disclosure, to review confidential investigatory materials and investigatory information, and to consult with counsel.

PERSONAL APPEARANCES AND COMPLIANCE ISSUES

Licensees appeared pursuant to their Consent Orders in case numbers **2005-0117 and 2008-0013**.

LICENSING ISSUES

OPEN SESSION: The Board returned to Open Session.

CONSENT AGENDA

2014-0238, 2015-0012, 2015-0020, 2015-0011 and 2015-0006 Dr. Smith moved and Mr. Harvey seconded that the above referenced cases be closed with No Further Action per the staff recommendations. The motion passed with Mr. Harvey, Dr. Beck, Ms. Davidson, Dr. Fine, Dr. Hongo, Mr. Morris, Dr. Smith, Mr. Tripp and Dr. Underhill voting aye.

COMPLETED CASES

2014-0147, 2014-0155, 2013-0197, 2013-0102, 2013-0175, 2013-0060, 2013-0180, 2014-0233, 2013-0203, 2013-0150, 2013-0147, 2013-0111, 2013-0155 and 2013-0091 Dr. Smith moved and Dr. Beck seconded that the above referenced cases be closed with a finding of No Violation of the Dental Practice Act or No Further Action per the Board recommendations. The motion passed with Mr. Harvey, Dr. Beck, Ms. Davidson, Dr. Fine, Dr. Hongo, Mr. Morris, Dr. Smith, Mr. Tripp and Dr. Underhill voting aye.

2013-0171

Dr. Beck moved and Dr. Smith seconded that the Board close the matter with a Letter of Concern addressing the issue of ensuring that when informed consent is obtained prior to providing treatment, PARQ or its equivalent is documented in the patient records. The motion passed with Mr. Harvey, Dr. Beck, Ms. Davidson, Dr. Fine, Dr. Hongo, Mr. Morris, Dr. Smith, Mr. Tripp and Dr. Underhill voting aye.

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First in Proactive Dental Care

6950 NE Campus Way, Hillsboro, OR 97124
Tel 503 952.2000 Fax 503 952.2200
www.willamettedental.com

Attn: President, Oregon Board of Dentistry

Dear Dr. Brandon Schwindt,

As a Dental provider at Willamette Dental Group, I am writing to propose that Silver Nitrate be an agenda item for the upcoming Board of Dentistry meeting. Willamette Dental desires to amend the administration rules of Silver Nitrate to allow delegation to auxiliary dental personnel.

In recent years, Silver Nitrate has been used in the Medical Management of Cavities with great success. For the patient, silver nitrate prevents the adult phobic by having a painless pharmacologic intervention that arrests the bacterial disease. For the provider, silver nitrate allows treatment that is patient friendly which dramatically lowers stress.

Silver nitrate has been used by several clinics, a large dental group for over 3 years and at Willamette Dental for a year with successes in treating dental caries. I am formally requesting the topic "administration rules of Silver Nitrate to be delegated to auxiliary dental personnel" be on the agenda for the Board of Dentistry meeting taking place August 22, 2014 presented by myself, Dr. Lyle McClellan.

We look forward to your prompt attention to this important matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Lyle McClellan', with a large, stylized flourish at the end.

Dr. Lyle McClellan
Willamette Dental Group

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818-035-0025

Prohibitions

A dental hygienist may not:

- (1) Diagnose and treatment plan other than for dental hygiene services;
- (2) Cut hard or soft tissue with the exception of root planing;
- (3) Extract any tooth;
- (4) Fit or adjust any correctional or prosthetic appliance except as provided by OAR 818-035-0030(1)(h);
- (5) Administer or dispense any drugs except as provided by OAR 818-035-0030, 818-035-0040, 818-026-0060(11) and 818-026-0070(11);
- (6) Place, condense, carve or cement permanent restorations except as provided in OAR 818-035-0072, or operatively prepare teeth;
- (7) Irrigate or medicate canals; try in cones, or ream, file or fill canals;
- (8) Use the behavior management techniques of Hand Over Mouth (HOM) or Hand Over Mouth Airway Restriction (HOMAR) on any patient.
- (9) Place or remove healing caps or healing abutments, except under direct supervision.
- (10) Place implant impression copings, except under direct supervision.

Stat. Auth.: ORS 679 & 680

Stats. Implemented: ORS 679.020(1)

Hist.: DE 2-1992, f. & cert. ef. 6-24-92; DE 2-1997, f. & cert. ef. 2-20-97; OBD 7-1999, f. 6-25-99, cert. ef. 7-1-99; OBD 2-2000(Temp), f. 5-22-00, cert. ef. 5-22-00 thru 11-18-00; OBD 2-2001, f. & cert. ef. 1-8-01; OBD 15-2001, f. 12-7-01, cert. ef. 1-1-02; OBD 2-2005, f. 1-31-05, cert. ef. 2-1-05; OBD 2-2007, f. 4-26-07, cert. ef. 5-1-07; OBD 1-2008, f. 11-10-08, cert. ef. 12-1-08; OBD 4-2011, f. & cert. ef. 11-15-11; OBD 1-2014, f. 7-2-14, cert. ef. 8-1-14

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818-035-0030

Additional Functions of Dental Hygienists

(1) In addition to functions set forth in ORS 679.010, a dental hygienist may perform the following functions under the general supervision of a licensed dentist:

- (a) Make preliminary intra-oral and extra-oral examinations and record findings;
- (b) Place periodontal dressings;
- (c) Remove periodontal dressings or direct a dental assistant to remove periodontal dressings;
- (d) Perform all functions delegable to dental assistants and expanded function dental assistants providing that the dental hygienist is appropriately trained;
- (e) Administer and dispense antimicrobial solutions or other antimicrobial agents in the performance of dental hygiene functions.
- (f) Administer and dispense fluoride, fluoride varnish, antimicrobial solutions for mouth rinsing or other non-systemic antimicrobial agents.
- (g) Use high-speed handpieces to polish restorations and to remove cement and adhesive material.
- (h) Apply temporary soft relines to complete dentures for the purpose of tissue conditioning.
- (i) Perform all aspects of teeth whitening procedures.

(2) A dental hygienist may perform the following functions at the locations and for the persons described in ORS 680.205(1) and (2) without the supervision of a dentist:

- (a) Determine the need for and appropriateness of sealants or fluoride; and
- (b) Apply sealants or fluoride.

Stat. Auth.: ORS 679 & 680

Stats. Implemented: ORS 679.025(2)(j)

Hist.: DE 5-1984, f. & ef. 5-17-84; DE 3-1986, f. & ef. 3-31-86; DE 2-1992, f. & cert. ef. 6-24-92; OBD 7-1999, f. 6-25-99, cert. ef. 7-1-99; OBD 1-2001, f. & cert. ef. 1-8-01; OBD 15-2001, f. 12-7-01, cert. ef. 1-1-02; OBD 1-2004, f. 5-27-04, cert. ef. 6-1-04; OBD 2-2005, f. 1-31-05, cert. ef. 2-1-05; OBD 3-2007, f. & cert. ef. 11-30-07; OBD 1-2008, f. 11-10-08, cert. ef. 12-1-08; OBD 2-2009, f. 10-21-09, cert. ef. 11-1-09; OBD 1-2014, f. 7-2-14, cert. ef. 8-1-14

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818-042-0040

Prohibited Acts

No licensee may authorize any dental assistant to perform the following acts:

- (1) Diagnose or plan treatment.
- (2) Cut hard or soft tissue.
- (3) Any Expanded Function duty (818-042-0070 and 818-042-0090) or Expanded Orthodontic Function duty (818-042-0100) without holding the appropriate certification.
- (4) Correct or attempt to correct the malposition or malocclusion of teeth except as provided by OAR 818-042-0100.
- (5) Adjust or attempt to adjust any orthodontic wire, fixed or removable appliance or other structure while it is in the patient's mouth.
- (6) Administer or dispense any drug except fluoride, topical anesthetic, desensitizing agents ,over the counter medications per package instructions or drugs administered pursuant to OAR 818-026-0030(6), OAR 818-026-0050(5)(a), 818-026-0060(11), 818-026-0065(11), 818-026-0070(11) and as provided in 818-042-0070 and 818-042-0115.
- (7) Prescribe any drug.
- (8) Place periodontal packs.
- (9) Start nitrous oxide.
- (10) Remove stains or deposits except as provided in OAR 818-042-0070.
- (11) Use ultrasonic equipment intra-orally except as provided in OAR 818-042-0100.
- (12) Use a high-speed handpiece or any device that is operated by a high-speed handpiece intra-orally.
- (13) Use lasers, except laser-curing lights.
- (14) Use air abrasion or air polishing.
- (15) Remove teeth or parts of tooth structure.
- (16) Cement or bond any fixed prosthetic or orthodontic appliance including bands, brackets, retainers, tooth moving devices, or orthopedic appliances except as provided in 818-042-0100.
- (17) Condense and carve permanent restorative material except as provided in OAR 818-042-0095.

(18) Place any type of cord subgingivally.

(19) Take jaw registrations or oral impressions for supplying artificial teeth as substitutes for natural teeth, except diagnostic or opposing models or for the fabrication of temporary or provisional restorations or appliances.

(20) Apply denture relines except as provided in OAR 818-042-0090(2).

(21) Expose radiographs without holding a current Certificate of Radiologic Proficiency issued by the Board (818-042-0050 and 818-042-0060) except while taking a course of instruction approved by the Oregon Health Authority, Oregon Public Health Division, Office of Environmental Public Health, Radiation Protection Services, or the Oregon Board of Dentistry.

(22) Use the behavior management techniques known as Hand Over Mouth (HOM) or Hand Over Mouth Airway Restriction (HOMAR) on any patient.

(23) Perform periodontal probing.

(24) Place or remove healing caps or healing abutments, except under direct supervision.

(25) Place implant impression copings, except under direct supervision.

(26) Any act in violation of Board statute or rules.

Stat. Auth.: ORS 679 & 680

Stats. Implemented: ORS 679.020, 679.025 & 679.250

Hist.: OBD 9-1999, f. 8-10-99, cert. ef. 1-1-00; OBD 2-2000(Temp), f. 5-22-00, cert. ef. 5-22-00 thru 11-18-00; OBD 1-2001, f. & cert. ef. 1-8-01; OBD 15-2001, f. 12-7-01, cert. ef. 1-1-02; OBD 3-2001, f. 6-22-10, cert. ef. 7-1-10005, f. 10-26-05, cert. ef. 11-1-05; OBD 3-2007, f. & cert. ef. 11-30-07; OBD 1-2010, f. 6-22-10, cert. ef. 7-1-10; OBD 4-2011, f. & cert. ef. 11-15-11; OBD 2-2012, f. 6-14-12, cert. ef. 7-1-12; OBD 1-2014, f. 7-2-14, cert. ef. 8-1-14



Food and Drug Administration
10903 New Hampshire Avenue
Document Control Center - WO66-G609
Silver Spring, MD 20993-0002

July 31, 2014

ADP Silver Dental Arrest, LLC
C/O William E. Cooley, Ph.D., RAC
President
Cooley Consulting, Inc.
531 Chisholm Trail
Wyoming, OH 45215

Re: K102973
Trade/Device Name: Silver Dental Arrest
Regulation Number: 21 CFR 872.3620
Regulation Name: Cavity Varnish
Regulatory Class: Class II
Product Code: PHR
Dated: April 19, 2014
Received: April 22, 2014

Dear Dr. Cooley:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Division of Industry and Consumer Education at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address

<http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to

<http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Industry and Consumer Education at its toll-free number (800) 638 2041 or (301) 796-7100 or at its Internet address

<http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>.

Sincerely yours,

Mary S. Runner -S

Erin I. Keith, M.S.
Director
Division of Anesthesiology, General Hospital,
Respiratory, Infection Control and
Dental Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

Indications for Use

510(k) Number (if known)
K102973

Device Name
Silver Dental Arrest

Indications for Use (Describe)
Treatment of Dental Hypersensitivity. For use in adults over the age of 21.

Type of Use (Select one or both, as applicable)

Prescription Use (Part 21 CFR 801 Subpart D) Over-The-Counter Use (21 CFR 801 Subpart C)

PLEASE DO NOT WRITE BELOW THIS LINE – CONTINUE ON A SEPARATE PAGE IF NEEDED.

FOR FDA USE ONLY

Concurrence of Center for Devices and Radiological Health (CDRH) (Signature)

Sheena A. Green -S
2014.07.30 14:01:58 -04'00'

This section applies only to requirements of the Paperwork Reduction Act of 1995.

DO NOT SEND YOUR COMPLETED FORM TO THE PRA STAFF EMAIL ADDRESS BELOW.

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PRAStaff@fda.hhs.gov

"An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB number."

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From: [Stephen Prisby](#)
To: [Lisa Warwick](#)
Subject: FW: Letter from the FDA
Date: Thursday, December 11, 2014 2:30:41 PM

From: Patrick Braatz
Sent: Thursday, December 11, 2014 12:00 PM
To: Stephen Prisby
Subject: FW: Letter from the FDA

Patrick D. Braatz

Patrick D. Braatz, Executive Director
Oregon Board of Dentistry
1500 SW 1st Ave., Suite 770
Portland, OR 97201-5519
PH. 971-673-3200
FAX 971-673-3202

"Our Constitution works; our great Republic is a government of laws and not of men. Here the people rule." President Gerald R. Ford

"The Mission of the Oregon Board of Dentistry is to protect the public by assuring that the citizens of Oregon receive the highest possible quality oral health care."

From: Shirtcliff, Mike [<mailto:mikes@advantagedental.com>]
Sent: Wednesday, December 10, 2014 4:26 PM
To: Patrick Braatz
Subject: FW: Letter from the FDA

See below, these comments are from Peter Milgrom DDS of the U. of Washington School of Public health Dentistry at the U. of W. School of Dentistry. If you need references please let me know.

R. Mike Shirtcliff, DMD
President/CEO
Advantage Dental
The Advantage Community
442 SW Umatilla, Suite 200
Redmond, OR 97756
1-541-504-3913 Direct Line
1-541-504-3908 Fax
mikes@advantagedental.com

This message is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If you are not the intended addressee, you are hereby notified that you may not use, copy, disclose, or distribute to anyone this message or any information contained in this message. If you have received this message in error, please immediately advise the sender by reply e-mail and delete the message.

From: Peter Milgrom [<mailto:dfrc@uw.edu>]
Sent: Wednesday, December 10, 2014 4:15 PM
To: Shirtcliff, Mike
Subject: Re: Letter from the FDA

Also, there is no evidence that applications of silver fluoride cause pulpal damage, thus the risk of doing something bad is very low. P

On Dec 10, 2014, at 12:23 PM, Shirtcliff, Mike <mikes@advantagedental.com> wrote:

From: Peter Milgrom [<mailto:dfrc@uw.edu>]
Sent: Wednesday, December 10, 2014 12:06 PM
To: Shirtcliff, Mike
Cc: Allen, Gary
Subject: Re: Letter from the FDA

Mike, I agree that it is a fluoride product. Its status legally is no different than fluoride varnish. In fact, the % of fluoride is exactly the same as fluoride varnish 5%. Thus, I don't see the arbitrary distinction. Peter

On Dec 10, 2014, at 11:59 AM, Shirtcliff, Mike <mikes@advantagedental.com> wrote:

PubMed 

Display Settings: Abstract



J Dent Res. 2009 Feb;88(2):116-25. doi: 10.1177/0022034508329406.

Silver diamine fluoride: a caries "silver-fluoride bullet".

Rosenblatt A¹, Stamford TC, Niederman R.

Author information

Abstract

The antimicrobial use of silver compounds pivots on the 100-year-old application of silver nitrate, silver foil, and silver sutures for the prevention and treatment of ocular, surgical, and dental infections. Ag(+) kills pathogenic organisms at concentrations of <50 ppm, and current/potential anti-infective applications include: acute burn coverings, catheter linings, water purification systems, hospital gowns, and caries prevention. To distill the current best evidence relative to caries, this systematic review asked: Will silver diamine fluoride (SDF) more effectively prevent caries than fluoride varnish? A five-database search, reference review, and hand search identified 99 human clinical trials in three languages published between 1966 and 2006. Dual review for controlled clinical trials with the patient as the unit of observation, and excluding cross-sectional, animal, in vitro studies, and opinions, identified 2 studies meeting the inclusion criteria. The trials indicated that SDF's lowest prevented fractions for caries arrest and caries prevention were 96.1% and 70.3%, respectively. In contrast, fluoride varnish's highest prevented fractions for caries arrest and caries prevention were 21.3% and 55.7%, respectively. Similarly, SDF's highest numbers needed to treat for caries arrest and caries prevention were 0.8 (95% CI=0.5-1.0) and 0.9 (95% CI=0.4-1.1), respectively. For fluoride varnish, the lowest numbers needed to treat for caries arrest and prevention were 3.7 (95% CI=3.4-3.9) and 1.1 (95% CI=0.7-1.4), respectively. Adverse events were monitored, with no significant differences between control and experimental groups. These promising results suggest that SDF is more effective than fluoride varnish, and may be a valuable caries-preventive intervention. As well, the availability of a safe, effective, efficient, and equitable caries-preventive agent appears to meet the criteria of both the WHO Millennium Goals and the US Institute of Medicine's criteria for 21st century medical care.

Comment in

Silver lining for caries cloud? [Evid Based Dent. 2009]

Silver diamine fluoride (SDF) may be better than fluoride varnish and no treatment in arresting and preventing cavitated carious lesions. [J Evid Based Dent Pract. 2010]

PMID: 19278981 [PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

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818-042-0040

Prohibited Acts

No licensee may authorize any dental assistant to perform the following acts:

- (1) Diagnose or plan treatment.
- (2) Cut hard or soft tissue.
- (3) Any Expanded Function duty (818-042-0070 and 818-042-0090) or Expanded Orthodontic Function duty (818-042-0100) without holding the appropriate certification.
- (4) Correct or attempt to correct the malposition or malocclusion of teeth except as provided by OAR 818-042-0100.
- (5) Adjust or attempt to adjust any orthodontic wire, fixed or removable appliance or other structure while it is in the patient's mouth.
- (6) Administer or dispense any drug except fluoride, topical anesthetic, desensitizing agents, over the counter medications per package instructions or drugs administered pursuant to OAR 818-026-0030(6), OAR 818-026-0050(a) OAR 818-026-0060(11), 818-026-0065(11), 818-026-0070(11) and as provided in 818-042-0070 and 818-042-0115.
- (7) Prescribe any drug.
- (8) Place periodontal packs.
- (9) Start nitrous oxide.
- (10) Remove stains or deposits except as provided in OAR 818-042-0070.
- (11) Use ultrasonic equipment intra-orally except as provided in OAR 818-042-0100.
- (12) Use a high-speed handpiece or any device that is operated by a high-speed handpiece intra-orally.
- (13) Use lasers, except laser-curing lights.
- (14) Use air abrasion or air polishing.
- (15) Remove teeth or parts of tooth structure.
- (16) Cement or bond any fixed prosthetic or orthodontic appliance including bands, brackets, retainers, tooth moving devices, or orthopedic appliances except as provided in 818-042-0100.
- (17) Condense and carve permanent restorative material except as provided in OAR 818-042-0095.
- (18) Place any type of cord subgingivally **except as provided by in OAR 818-042-0090.**
- (19) Take jaw registrations or oral impressions for supplying artificial teeth as substitutes for natural teeth, except diagnostic or opposing models or for the fabrication of temporary or provisional restorations or appliances.
- (20) Apply denture relines except as provided in OAR 818-042-0090(2).
- (21) Expose radiographs without holding a current Certificate of Radiologic Proficiency issued by the Board (818-042-0050 and 818-042-0060) except while taking a course of instruction approved by the Oregon Health Authority, Oregon Public Health Division, Office of Environmental Public Health, Radiation Protection Services, or the Oregon Board of Dentistry.
- (22) Use the behavior management techniques known as Hand Over Mouth (HOM) or Hand Over Mouth Airway Restriction (HOMAR) on any patient.
- (23) Perform periodontal probing.
- (24) Place or remove healing caps or healing abutments, except under direct supervision.
- (25) Place implant impression copings, except under direct supervision.
- (26) Any act in violation of Board statute or rules.

Stat. Auth.: ORS 679 & 680

Stats. Implemented: ORS 679.020, 679.025 & 679.250

Hist.: OBD 9-1999, f. 8-10-99, cert. ef. 1-1-00; OBD 2-2000(Temp), f. 5-22-00, cert. ef. 5-22-00 thru 11-18-00; OBD 1-2001, f. & cert. ef. 1-08-01; OBD 15-2001; f. 12-7-01, cert. ef. 1-1-02; OBD 3-2005, f. 10-26-05, cert. ef. 11-1-05; OBD 3-2007, f. & cert. ef. 11-30-07; OBD 1-2010, f. 6-22-10, cert. ef. 7-1-10; OBD 4-2011, f. & cert. ef. 11-15-11; OBD 2-2012, f. 6-14-12, cert. ef. 7-1-12; OBD 6-2014, f. 7-2-2014, cert. ef. 8-1-2014

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818-042-0070

Expanded Function Dental Assistants (EFDA)

The following duties are considered Expanded Function Duties and may be performed only after the dental assistant complies with the requirements of 818-042-0080:

- (1) Polish the coronal surfaces of teeth with a brush or rubber cup as part of oral prophylaxis to remove stains ~~if a licensed dentist or dental hygienist has determined the teeth are free of calculus~~;
- (2) Remove temporary crowns for final cementation and clean teeth for final cementation;
- (3) Preliminarily fit crowns to check contacts or to adjust occlusion outside the mouth;
- (4) Place temporary restorative material (i.e., zinc oxide eugenol based material) in teeth providing that the patient is checked by a dentist before and after the procedure is performed;
- (5) Place and remove matrix retainers for alloy and composite restorations;
- (6) Polish amalgam or composite surfaces with a slow speed handpiece;
- (7) Remove excess supragingival cement from crowns, bridges, bands or brackets with hand instruments providing that the patient is checked by a dentist after the procedure is performed;
- (8) Fabricate temporary crowns, and temporarily cement the temporary crown. The cemented crown must be examined and approved by the dentist prior to the patient being released;
- (9) Under general supervision, when the dentist is not available and the patient is in discomfort, an EFDA may recement a temporary crown or recement a permanent crown with temporary cement for a patient of record providing that the patient is rescheduled for follow-up care by a licensed dentist as soon as is reasonably appropriate; and
- (10) Perform all aspects of teeth whitening procedures.

Stat. Auth.: ORS 679 & 680

Stats. Implemented: ORS 679.020, 679.025 & 679.250

Hist.: OBD 9-1999, f. 8-10-99, cert. ef. 1-1-00; OBD 1-2004, f. 5-27-04, cert. ef. 6-1-04; OBD 3-2005, f. 10-26-05, cert. ef. 11-1-05; OBD 2-2009, f. 10-21-09, cert. ef. 11-1-09

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818-042-0090

Additional Functions of EFDAs

Upon successful completion of a course of instruction in a program accredited by the Commission on Dental Accreditation of the American Dental Association, or other course of instruction approved by the Board, a certified Expanded Function Dental Assistant may perform the following functions under the indirect supervision of a dentist or dental hygienist providing that the procedure is checked by the dentist or dental hygienist prior to the patient being dismissed:

(1) Apply pit and fissure sealants provided the patient is examined before the sealants are placed. The sealants must be placed within 45 days of the procedure being authorized by a dentist or dental hygienist.

(2) Apply temporary soft relines to complete dentures for the purpose of tissue conditioning.

(3) Place cord subgingivally.

Stat. Auth.: ORS 679

Stats. Implemented: ORS 679.025(2)(j) & 679.250(7)

Hist.: OBD 9-1999, f. 8-10-99, cert. ef. 1-1-00; OBD 15-2001, f. 12-7-01, cert. ef. 1-1-02; OBD 1-2013, f. 5-15-13, cert. ef. 7-1-13; OBD 6-2014, f. 7-2-2014, cert. ef. 8-1-2014

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