



STATE OF HAWAII
STATE COUNCIL
ON DEVELOPMENTAL DISABILITIES
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March 15, 2013

The Honorable Della Au Belatti, Chair
House Committee on Health
Twenty-Seventh Legislature
State Capitol
State of Hawaii
Honolulu, Hawaii 96813

Dear Representative Au Belatti and Members of the Committee:

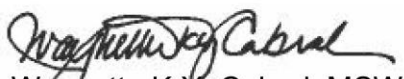
SUBJECT: SB 343 SD2 – RELATING TO DENTAL HEALTH

The State Council on Developmental Disabilities (DD) **SUPPORTS SB 343 SD2**. The purpose of the bill is to: 1) require the Director of Health to participate in the national oral health surveillance system; 2) permit dental hygienists to apply preventative sealants in a school-based dental sealant program; 3) require the Department of Health to establish and administer a school-based dental sealant program in a high-need demonstration school and report to the Legislature about the Department's efforts to prioritize prevention of tooth decay; and 4) appropriate funds to establish and administer a school-based dental sealant program in a high-need demonstration school.

Access to dental care services for individuals with DD is a priority of the Council and is addressed in our 2012-2016 State Plan. Children and adults with DD face increased oral health challenges coupled with their disability. SB 343 SD2 includes proactive steps (national health surveillance system, school-based dental sealant program, and funding) to address access in providing dental sealants to prevent tooth decay amongst children. The Council takes no position in permitting dental hygienists to apply preventative sealants in a school-based dental sealant program. However, we support the application of dental sealants by qualified and trained dental personnel in the most cost effective and efficient manner.

Thank you for the opportunity to offer testimony in **support of SB 343 SD2**.

Sincerely,


Waynette K.Y. Cabral, MSW
Executive Administrator


J. Curtis Tyler III
Chair



STATE OF HAWAII
DEPARTMENT OF EDUCATION
P.O. BOX 2360
HONOLULU, HAWAII 96804

Date: 03/15/2013

Committee: House Health

Department: Education

Person Testifying: Kathryn S. Matayoshi, Superintendent of Education

Title of Bill: SB 0343,SD2 RELATING TO DENTAL HEALTH

Purpose of Bill: Requires the director of health to participate in the national oral health surveillance system. Permits dental hygienists to apply preventative sealants, in consultation with a licensed dentist, in a school-based dental sealant program or federally qualified health center. Requires the department of health to establish and administer a school-based dental sealant program in a high-need demonstration school and report to the legislature about the department's efforts to prioritize prevention of tooth decay. Appropriates funds to establish and administer a school-based dental sealant program in a high-need demonstration school, including plans to implement the program on a statewide level. Takes effect 01/01/2054; repeals 01/01/2057. (SD2)

Department's Position:

The Department of Education supports SB 343 SD2. A school-based dental sealant program, especially for low-income children who are at greater risk of tooth decay, will enable these children to maximize their opportunities to learn and achieve college and career readiness. As such, the DOE is a willing partner with regard to needs for coordination and in providing an on-campus location for the program.

Thank you for the opportunity to provide testimony in support of this bill.



Testimony in Support of SB343, SD2 Relating to Dental Health

Jill Rethman, RDH, BA

Immediate President – Hawaii Dental Hygienists' Association

Regulations & Practice Chair - Hawaii Dental Hygienists' Association

Editor in Chief – [Dimensions of Dental Hygiene](#)

Date of Hearing: Friday, March 15, 2013 at 8:30 AM

House Committee on Health

Representative Della au Belatti, Chair

Representative Dee Morikawa, Vice Chair

Dear Esteemed Members of the House Committee on Health,

Thank you for bringing much needed attention to the unacceptable oral health situation faced by Hawaii's children. As evidenced by the recent PEW Report, [Falling Short: Most States Lag on Dental Sealants](#), it's obvious that Hawaii could do much better to prevent oral disease, in particular dental caries, among its population. On a scale of A to F, Hawaii (along with 5 other states and the District of Columbia) received an F in providing a proven and simple technique to prevent tooth decay – the placement of dental sealants. This is particularly troubling because those who could benefit the most from sealant placement, children at high risk for decay, are the ones least likely to receive this preventive measure. According to the Association of State and Territorial Dental Directors, numerous states and territories have programs for dental sealants, and several states have school-based sealant placement programs as part of their health-related initiatives. (The report is available here: [Best Practice Approach: School-Based Dental Sealant Programs](#))

The Hawaii Dental Hygienists' Association is the organization representing dental hygiene professionals in the state of Hawaii, and is a constituent of the American Dental Hygienists' Association. We strongly support SB343, SD2. On a personal level, I am a dental hygiene professional, international speaker, and author. I am well aware of the research to support the use of dental sealants and their effectiveness as decay-preventive agents. In addition, I am confident that dental hygienists, known as the "Prevention Specialists" in oral healthcare, are fully trained and capable of placing sealants on both primary and permanent teeth. Dental hygienists are licensed professionals who have successfully completed and accredited dental hygiene program and passed the National Board Examination in Dental Hygiene, as well as a clinical Board exam. Accredited dental hygiene programs require an average of 2,910 clock hours of curriculum, including 654 clock hours of supervised clinical dental hygiene instruction. A dental hygienist is licensed to perform specific oral healthcare duties such as educational, therapeutic and preventive procedures. Sealant placement is among those preventive procedures.



In addition to supporting a school-based sealant program for the state of Hawaii, HDHA fully supports the legislature's initiative in putting a primary focus on oral healthcare by requiring the Director of Health to participate in the database managed by the Centers for Disease Control and Prevention and the Association of State and Territorial Directors. This intent of SB343, SD2 will enable Hawaii to compare itself to other states in terms of implementation and standards for preventive oral healthcare measures, ensuring that the people of Hawaii receive appropriate evidence-based and needs-based care.

“Prevention is better than cure.” This common axiom applies to not only systemic maladies but oral ones as well. SB343, SD2 takes Hawaii a step closer to preventing oral disease in the most needy and underserved of its population.

Thank you for your time.



**PRESENTATION OF THE
BOARD OF DENTAL EXAMINERS**

TO THE HOUSE COMMITTEE ON HEALTH

TWENTY-SEVENTH LEGISLATURE
Regular Session of 2013

Friday, March 15, 2013
8:30 a.m.

TESTIMONY ON SENATE BILL NO. 343, S.D. 2, RELATING TO DENTAL HEALTH.

TO THE HONORABLE DELLA AU BELATTI, CHAIR,
AND MEMBERS OF THE COMMITTEE:

My name is Mark A. Baird, D.D.S., dental member of the Board of Dental Examiners ("Board"). The Board appreciates the opportunity to testify and offer comments on Senate Bill No. 343, S.D. 2, Relating to Dental Health.

The purpose of Senate Bill No. 343, S.D. 2, is as follows: (1) Requires the Director of Health to participate in the National Oral Health Surveillance System; (2) Allows dental hygienists to apply preventative sealants, in consultation with a licensed dentist, in a school-based dental sealant program or at a federally qualified health center; (3) Requires the Department of Health to establish and administer a school-based dental sealant program in a high-need demonstration school; (4) Requires the Department of Health to report to the Legislature regarding the Department's efforts to prioritize prevention of tooth decay in children; and (5) Appropriates funds for the school-based dental sealant program in a high-need demonstration school, including plans to implement the program.

The Board has not had an opportunity to meet and discuss Senate Bill No. 343, S.D. 2, and apologizes for not having a position at this time. The Board will be meeting

Testimony on Senate Bill No. 343, S.D. 2
Friday, March 15, 2013
Page 2

on Monday, March 18, 2013, to review all legislation to determine its impact on current regulations and public safety.

In earlier testimony before your Committee, relating to companion bill House Bill No. 658, the Board sought clarification as to whether a licensed dentist would need to pre-screen the sealant procedure being performed, or merely be available for consultation. In House Bill No. 658, H.D. 1, your Committee clarified that a dentist be available for consultation. In House Bill No. 658, H.D. 2, reference to a dentist being available for consultation was taken out.

Senate Bill No. 343, S.D. 2, specifies that a dental hygienist would be allowed to apply preventative sealants, in consultation with a licensed dentist, in a school-based dental sealant program.

Therefore, the Board seeks clarification if it is the intent to only allow dental hygienist to apply preventative sealants when in consultation with a licensed dentist.

Thank you for the opportunity to testify on Senate Bill No. 343, S.D. 2, and I will be available for questions.

Hawaii State Legislature
State House of Representatives
Committee on Health

State Representative Della Au Belatti, Chair
State Representative Dee Morikawa, Vice Chair
Committee on Health

Friday, March 15, 2013, 8:30 a.m. Room 329
Senate Bill 343 SD 2 Relating to Dental Health

Honorable Chair Della Au Belatti, Vice Chair Dee Morikawa and
members of the House Committee on Health,

My name is Russel Yamashita and I am the legislative representative for the Hawaii Dental Association (HDA) and its 960 member dentists. I appreciate the opportunity to testify in opposition of Senate Bill 343 SD 2 Relating to Dental Health. The bill before you today would require the Department of Health to participate in a “national oral health surveillance system” and permit dental hygienists to provide dental sealants to children in Hawaii schools. The HDA supports the treatment of Hawaii’s school children of fluoride applications as a preventative measure to counter dental decay in early childhood. However, the HDA opposes the unsupervised application of dental sealants by dental hygienists due to the need to employ a number of supervised procedures by a dentist before a sealant treatment can be done. Therefore, the HDA respectfully request that Section 3 of this bill be deleted, as it is in direct conflict of the Dental Practices Act which requires direct supervision in applying dental sealants by hygienists.

In the case of fluoride rinses or applications, this procedure was performed by the Department of Health for many decades for the children in Hawaii’s public schools. The Department’s Dental Hygiene Division provided these activities through out the state with a staff of dentists and hygienists who also performed examinations to determine if a child needed to see a dentist for more serious problems, along with providing fluoride treatments.

This bill mandates a dental sealant procedure which is significantly more complex than a fluoride treatment and examination. With a dental sealant, normally a dentist will examine the child and, in most cases, take x-rays to determine the extent of any problems they may discover, before ordering a hygienist to apply a sealant to a tooth. To have an unsupervised hygienist applying dental sealants is an invitation to disaster, should an undiscovered cavity be sealed it would be impossible to detect the dental decay until it is too late to save the tooth without extraordinary measures. This could create substantial liability for the State of Hawaii, should a child lose a tooth or teeth due to the wholesale use of dental sealants without the proper dental protocols being followed.

Attached to this testimony is a short paper prepared by Dr. Patsy Fujimoto, RDH, DDS, which describes the scientific and technical significance of dental sealants. Dr. Fujimoto is an Assistant Professor at the University of Hawaii, School of Nursing and Dental Hygiene, a former dental hygienist, and has practiced in Hilo, Hawaii since 1981. She was elected as President of the Hawaii Dental Association in 1993 and 2011.

Additionally, there are community health centers, such as the Waianae Coast Comprehensive Health Center and the Kokua Kalihi Valley Community Health Center, which have existing programs with public grade schools that have high risk populations that provide dental examinations and services which include fluoride treatments, dental sealants and filling cavities. If this bill were to be amended to provide that the Federally Qualified Community Health Centers were to provide the services for any dental sealant program, the HDA would support such an amendment, since community health centers are staffed by dentists who would provide the proper diagnosis and direct supervision of any hygienist who provided such service to the patient.

Finally, the HDA takes the position that the Pew report that is quoted by this bill is not only taken out of context, but is blatantly wrong in its assumptions and conclusions on how dental sealants are the end all to preventing dental problems in children. In fact, the Pew report on its second page calls for fluoridation of water supplies and use of fluoride varnishes, and mentions dental sealants as another tool. For the State of Hawaii to abrogate its sovereignty to a social engineering think tank is to render the Hawaii State Legislature a rubber stamp to outside pressure groups and become an unneeded expense. The taxpayers of Hawaii would need only listen and follow the preaching of billion dollar think tanks that know better how to govern us than politicians and the citizens of Hawaii.

Therefore, the HDA respectfully requests the bill be amended to provide that only fluoride rinses and applications be applied in such a program, not dental sealants. In the alternative, if the dental sealants were required under such a program, then the community health centers would be the best entities which could provide those procedures under the supervision of a dentist with the proper facilities to carry out the necessary protocols.

Dental Sealants in Early Childhood

By Dr. Patsy Fujimoto, RDH, DDS

Assistant Professor, University of Hawaii School of Nursing and Dental Hygiene

Hawaii Dental Association, President, 1993, 2011

Private Practice in Hilo, Hawaii since 1981

This short dissertation was prepared in response to Senate Bill 343 Relating to Dental Health that was introduced during this current legislative session. While the HB 343 appears to be well-intentioned, it is seriously flawed from a dental health perspective and represents a shotgun approach to the issue of childhood dental caries.

Optimum dental health is predicated on a comprehensive approach to the prevention and treatment of dental decay. Within this approach are the following components-water fluoridation, oral hygiene education, topical fluoride/topical fluoride varnish application, access to care and dental sealants. None of these components should stand alone although water fluoridation has been consistently shown to reduce the incidence of dental decay significantly when it is implemented.

Sealants as proposed by this Bill are indeed effective when placed correctly on teeth that have been deemed to be appropriate for sealants. There are several factors that dentists look at before authorizing sealants to be placed on a patient's teeth:

1. The occlusal morphology-what does the chewing surface of the tooth look like? If the surface has many grooves and pits then it becomes a good candidate for sealants.
2. The presence of decay-by examining the teeth to be sealed and by having dental x-rays present the dentist can decide whether or not the tooth has decay present and must be restored not sealed. The dental x-rays also aid the dentist in determining whether or not decay exists on the surfaces to the sides of the teeth. If these are present, then the tooth must be restored.
3. The status of the patient's oral hygiene-if the patient is not compliant with oral hygiene home care this may preclude sealants until the patient's oral hygiene care is more optimal. In fact without proper oral hygiene the sealant procedure may be unsuccessful. Once the teeth are sealed, the patient often incorrectly believes that good oral hygiene is no longer necessary since their teeth have been sealed. Consequently, these teeth develop decay.

The scope of practice for dental hygiene does not include the diagnosis of dental decay or dental diseases. Before the patient's teeth can be sealed, a dentist needs to confirm that there is no decay present in the teeth to be sealed and that the teeth are indeed good candidates for sealants. Dental x-rays are also required as stated above to confirm the presence or non-presence of decay on the sides of the teeth which would preclude sealants as these teeth need to be restored.

Sealants must be placed in a dry field in order to ensure that the sealant has bonded completely to the tooth surface. The procedure for sealants is as follows:

1. The tooth surface to be sealed must be cleaned with a non-fluoride cleaning paste.
2. The tooth must be isolated (kept from saliva and water contamination) and etched. This is a process of treating the tooth surface with an acid based gel or solution to prepare the surface for bonding of the sealant.
3. The etching solution is rinsed and the sealant material is placed. The tooth must remain isolated and uncontaminated while the sealant is setting.
4. The tooth must be checked for any interference in the bite of the patient. At times excess sealant is placed and the patient finds it difficult to bite down as they normally would. This requires adjustment done by the dentist.
5. The sealed tooth needs to be checked at regular intervals to ensure that there no breaks or loss of the sealant. A break in the sealant will lead to leakage of plaque under the sealant and cause decay.

As mentioned above, sealants require surveillance by the dentist so that the integrity of the sealant can be checked. If that integrity has been broken, then the sealant will need to be replaced.

Besides the purely dental treatment considerations that are flawed in this bill, there are the following issues:

1. The source of the dental hygiene manpower has not been identified. The Dental Hygiene Division was disbanded several years ago and there are no state employed dental hygienists at this time.
2. There is no mention of what facilities would be used to place these sealants. This procedure cannot be done in school health room or class room.
3. This program requires lowering the current standard set by the rules and regulations for dental hygienists, thereby allowing them to practice outside of their scope of practice.
4. There is no language that fleshes out the extent of the "pilot program" proposed. In order for the program to be effective and produce useable data, there needs to be a follow up of those patients who participated in the program. There is no specific mention of who will be writing up the mechanics of this pilot project.
5. There is no mention of possible funding sources.
6. There are liability issues. If carious teeth are sealed and the participant requires further treatment who then will be responsible for the follow up care that will be necessary.

There is a final analogy that is ironic, Hawaii has prided itself on being the Health State. The Department of Health has done extensive advertising regarding living a healthy lifestyle as well as an emphasis on prevention of chronic illnesses such as diabetes mellitus. The State should be commended for their efforts. What is appallingly lacking is the same type of approach where dental disease is concerned.

No one can deny the seriousness of the prevalence of diabetes mellitus. However, in reviewing the literature produced by the State, nowhere is there any mention of opening more dialysis centers, handing out free syringes and insulin or even recruiting more dialysis technicians or nurses. The emphasis has been on **preventing** disease. This is being done through **educating** the public. No one will deny it will be a long process but it is the most effective process. The same holds true for oral health needs-the loss of the dental hygiene division, as underfunded as it was, was devastating to the oral health education process in Hawaii. The State and the Legislature has yet to recently step up and endorse even the possibility of fluoridating the water supply. Preventing dental disease will take time and effort on all our parts-both private and public. Shotgun approaches such as SB 343 will not produce a comprehensive solution to the dental disease.



Testimony in Support of SB343, Relating to Dental Health

Ellie Kelley-Miyashiro, RDH, BS

President - Hawaii Dental Hygienists' Association

Hearing - March 13, 2013 8:30am

Dear Esteemed Members of the House Committee on Health,

The Hawaii Dental Hygienists' Association applauds your efforts to help solve the problem of inadequate oral health care for Hawaii's children. We, as I'm sure many of you on your respective committees, were appalled at the results of the most recent PEW report [Falling Short: Most States Lag on Dental Sealants](#). With grades from A to F, Hawaii was one of 5 states and the District of Columbia to receive an F in providing a proven and simple technique to prevent tooth decay--the placement of dental sealants. Obviously, we feel Hawaii could do more to prevent oral disease; cavities in particular, among its school aged population.

At the end of 2012, the US Health Resources and Services Administration estimated that 30.6 million people in the country were "unserved" by dental care, primarily because they live in areas with few providers, racial factors, low education or they have inadequate income and are unable to afford proper dental care. Hawaii is in line with this alarming and unfortunate trend.

In an increasing effort to solve this disparity, over 30 states have looked to hygienists as a lower-cost way to expand access and to connect more families to regular dental care. According to the Association of State and Territorial Dental Directors, numerous states and territories have done this by implementing programs for dental sealants, and several states have school-based sealant placement programs as part of their health-related initiatives. (The report is available here: [Best Practice Approach: School-Based Dental Sealant Programs](#))

According to the CDC, "Sealants prevent cavities and reduce associated dental treatment costs, especially among high-risk children, where sealants applied to permanent molars have been shown to avert tooth decay over an average of 5-7 years." Without access to regular preventive dental services, dental care for many children is postponed until symptoms, such as toothache and facial abscess, become so acute that care is sought in hospital emergency rooms. This frequent consequence of failed prevention is not only wasteful and costly to the health care system, but it rarely addresses the problem, as few emergency departments deliver definitive dental services. As a result, patients



typically receive only temporary relief of pain through medication and in some acute cases, high cost, but inefficient surgical care. The CDC estimates that inpatient emergency department treatment costs on average \$6,498 versus preventive treatment costs of \$660. This reveals that on average, the cost to manage symptoms related to dental caries on an inpatient basis is approximately 10 times more than to provide preventive dental care for these same patients.

As the largest association representing Hawaii's licensed dental hygienists', HDHA strongly **supports** the intent of SB343 to address the **prevention** of dental disease among Hawaii's children. Dental hygienists possess the education and training to fulfill the goals of the pilot program described in this bill, as well as, its greater implementation statewide. We look forward to working toward our common goal of increased oral health care and decreased dental decay for Hawaii's children.

Thank you for your time and consideration.

Hawai'i State Legislature; State House of Representatives; Committee on Health

In regards to SB 343 SD2 Hearing March 15, 2013; 8:30 AM Room 329

Honorable Chair Della Au Belatti, Vice-Chair Dee Morikawa and Members of the House Committee on Health,

Thank you for the opportunity to speak against SB343 which relates to the placement of sealants in a school based setting. I'm a general dentist with over 25 years of practice in the state of Hawai'i.

For the sealant procedure to be adequately done would require pre-cleaning with a pumice slurry, thorough isolation of the tooth/teeth, a phosphoric acid etch (or air abrasion), and light curing of the sealant. This usually requires a **not** insignificant outlay for materials, instrumentation and equipment. Of course, there would be attendant personnel and liability costs to consider as well.

You may have seen op-ed pieces by Dr. Reithman as well as the rebuttal by HDA President Curtis Shimizu in recent *Star-Advertiser* issues. Although I don't believe Dr. Rethman is licensed to practice in the State of Hawai'i, as a clinical researcher he is entitled to his own views. I don't disagree that sealants have their usefulness but I have seen instances where poorly placed ones (mine included) have lead to bigger problems.

An adjunct toward the improvement of dental health, of course, is the placement of fluoride varnish in a school setting. There are a wealth of studies to show the benefits of varnish application on both keiki and kapuna. Fluoride application has been done under the auspices of the DOH in the past and would not require any changes in the Hawai'i Dental Practice Act. I still believe it was a mistake to terminate the DOH's school based dental hygienist program and would hope for its reinstatement. And, to reiterate, we would all like to see water fluoridation but that's not currently feasible in today's political climate.

Mahalo again for the opportunity to speak out against SB343.

Darrell Teruya, DDS, Past President (2008) Hawai'i Dental Association

Friday, March 15, 2013 8:30am

Support for SB 343

House Committee on Health

Dear Hawaii Legislators,

I am a registered dental hygienist practicing in Hawaii. In my study and practice of dental hygiene, programs that support early monitoring and early prevention of oral health issues are of great need and importance for our children. I believe that SB 343 is in support of these efforts that will assist in delivering this type of preventative oral healthcare to our Hawaii Children. Dental Hygienists in the state of Hawaii have the education and training to implement this necessary program. Numerous studies have brought to light the effectiveness, as well as, the cost saving benefits of school based sealant programs and I am excited that the Department of Health and our legislators are concerned for the children of Hawaii's oral health. I strongly support the intent of SB 343.

Thank you for your consideration.

Re: SB 343 SD1 RELATING TO DENTAL HEALTH

Committee on Health

Representative Della Au Belatti, Chair

Representative Dee Morikawa, Vice Chair

Date: March 15, 2013

Time: 8:30 am

Place: Conference Room 329

Honorable Representatives:

This testimony is in **support** of **SB343 SD2 WITH AMENDMENT** to have dentist “**available for consultation**” as stated in sister bill HB658 HD1, rather than “**in consultation with a dentist**”.

SB343SD2 provides an important step toward tooth decay prevention in Hawaii’s youth by attempting to break the chain of caries process. This amended bill clarifies the legality that dental hygiene professionals may perform the placement of dental sealants for at-risk populations in Hawaii, HOWEVER, it is too restrictive. The sister bill, HB658 HD1 has much better wording, allowing dental hygienists the freedom to perform the placement of sealants, with a dentist available for consultation. This can greatly increase access to care and is more in line with the original intent of the general supervision in public health setting statute. In addition, it holds the Dept. of Health accountable.

My name is Diane Brucato-Thomas, RDH, EF, BS, FAADH. I have been a practicing Dental Hygienist in good standing on the island of Hawaii since 1992. I live in Pahoa and have practiced in Kona and Hilo. It has been my privilege to present numerous preventive education programs in grade-school classrooms and participate in countless health fairs over the years, providing preventive dental education to the public in the areas of early childhood caries, periodontal disease, root caries, systemic links, xylitol as a preventive agent, oral piercing, and, of course, halitosis. In addition to my participation at health fairs, in the last few years, I have worked to develop and implement a successful, entertaining, hands-on power point program for the lay public on oral health and prevention. This program, titled “Sweet Kisses/Sweet Truth” has been very well received by numerous audiences of various ages within the community. In 2011, I received the ADHA Institute for Oral Health Rosie Wall Community Spirit Grant to continue this program.

One of the reasons I began my quest to educate the public was because it breaks my heart when I see so many beautiful children smile with silver teeth, or worse, badly decayed teeth that are untreated, often painful, and certainly a risk to their systemic health. Hawaii is known to have a very high rate of Early Childhood Caries. This is shameful, when you consider the fact that caries is a preventable disease.

To clarify, dental “caries” is a bacterial infection. Tooth decay or “cavities” are the result of a caries infection. According to the Center for Disease Control:

- Early Childhood Caries is the most prevalent chronic disease in America.
- Early Childhood Caries is the most prevalent infectious disease on the planet.
- 40% of Children have Cavities by age five.
- CARIES INFECTION IS PREVENTABLE!

The formula chain for tooth decay is:

- Bacterial infection + sugar = acid
- Acid + tooth = decay

This chain can be broken at various links, such as:

- Daily removal of bacterial biofilms from teeth (brushing and cleaning between teeth)
- Remove sugar from diet
- Neutralize acids with water or saliva stimulated with xylitol gum or candy
- Strengthening/hardening tooth surfaces with fluoride or calcium/phosphorus agents
- Using sealants to create a barrier that protects susceptible tooth surfaces

According to the “*Executive summary of evidenced based clinical recommendations for the use of pit-and-fissure sealants: A report of the American Dental Association Council on Scientific Affairs*” , JADA, 2009, (Beauchamp, Caufield, Crall, et. al.):

- Sealants should be placed in pits and fissures of **children’s** primary teeth when it is determined that the tooth, or the patient, is at risk of developing caries
- Sealants should be placed on pits and fissures of **children’s** and **adolescents’** permanent teeth when it is determined that the tooth, or the patient, is at risk of developing caries
- Sealants should be placed on pits and fissures of **adults’** permanent teeth when it is determined that the tooth, or the patient, is at risk of developing caries
- Pit-and-fissure sealants should be placed on early (noncavitated) carious lesions in **children**, **adolescents** and **young adults** to reduce the percentage of lesions that progress

Dental hygienists are a cost-effective resource for prevention programs. Utilizing dental hygienists for the placement of sealants makes good sense, as this is clearly within their scope of practice of as educated, licensed prevention specialists. I urge you to please pass SB 343 SD2 to allow dental hygienists to place sealants for high risk populations in public settings WITH an amendment to simply have a dentist **available for consultation**. Thank you for your consideration.

Sincerely,

Diane Brucato-Thomas, RDH, EF, BS, FAADH
d.bt@live.com (808) 937-7282

Immediate Past President, American Academy of Dental Hygiene
Past President, Hawaii Dental Hygienists' Association

ADHA/Hu-Friedy Master Clinician Award 2008
Sunstar/RDH Award of Distinction 2002