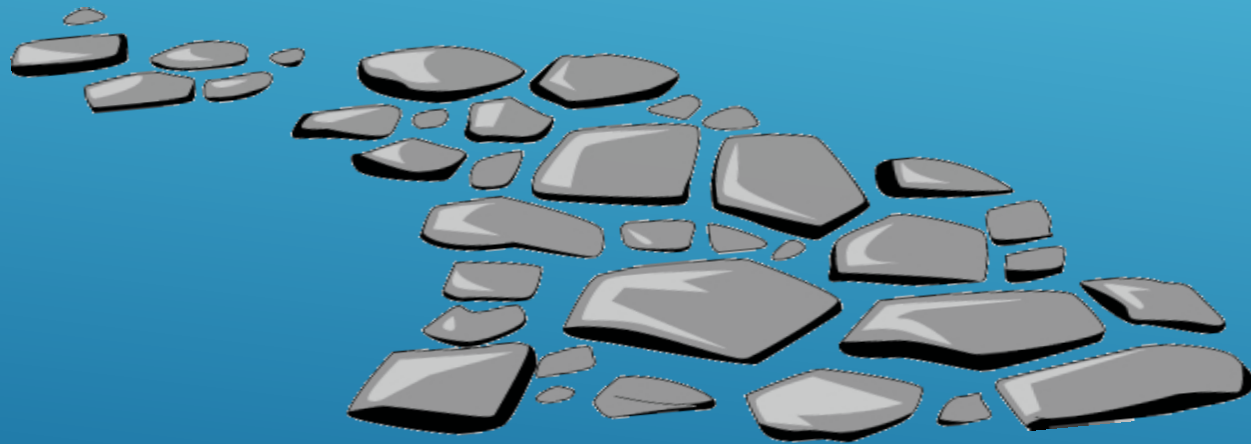


# PATHWAYS TO IMPROVING ACCESS TO CARE AND THE POWERFUL ROLE OF MARYLAND DENTISTS



Maryland Dental Society




The Children's Oral Health Institute


Presented by: Dr. Winifred J. Booker



Many thanks to the Maryland Department of Health and the Maryland Medicaid Advisory Committee for their commitment to the oral health of our children and families. We appreciate the opportunity to share this presentation with all of you.



# OBJECTIVES

- I. Learn the history of Community Service by Maryland dentist
  - II. Know that Maryland dentists explore creative ways to expand oral health care through *interprofessional collaborations* via:
    - ❖ Expand scope of the dental practice
    - ❖ Improve access to care
  - III. Understand the respect Maryland dentists have for contemporary and meaningful measures being utilized to improve access to care
- 

# I. COMMUNITY SERVICE

Mission of Mercy

**Give Kids a Smile**

Lessons in a Lunch Box

Project Clean Toothbrush



✓ 2010-2017  
~ 13,000  
patients

✓ Treatment  
value  
~ \$12 million

**Mid-Maryland  
Mission of Mercy**  
Dental Clinic & Health Equity Festival  
9.7.2017 to 9.10.2017

**Southern Maryland  
Mission of Mercy**

**MISSION OF  
MERCY**  
*Healing through Love  
Maryland/  
Pennsylvania*

**MISSION OF  
MERCY**  
*Compassionate Care Healing through Love*  
SINCE 1994  
**FREDERICK,  
MARYLAND**

MOM projects are free 2 to 3 day dental clinics held 2 to 3 times per year across our state.





give kids a  
**smile!**

Children's Dental  
Access Program

ADA American Dental Association®  
give kids a smile

2003 to 2018



Lessons in a Lunch Box

2008 to 2018



Project Clean Toothbrush

2011


*The Maryland Foundation of Dentistry for the Handicapped (MFDH) Donated Dental Services (DDS) program's mission is to provide pro bono dental care for underserved, impoverished, and disabled Marylanders.*

The Maryland Foundation of Dentistry for the Handicapped was formed in 1989 by caring dentists willing to help underserved Marylanders access dental care. Two decades later, this organization is steadfast in their mission to help our fellow citizens in need. This Donated Dental Services program provides life-changing dental care at no cost to low-income adults, disabled by chronic health conditions.



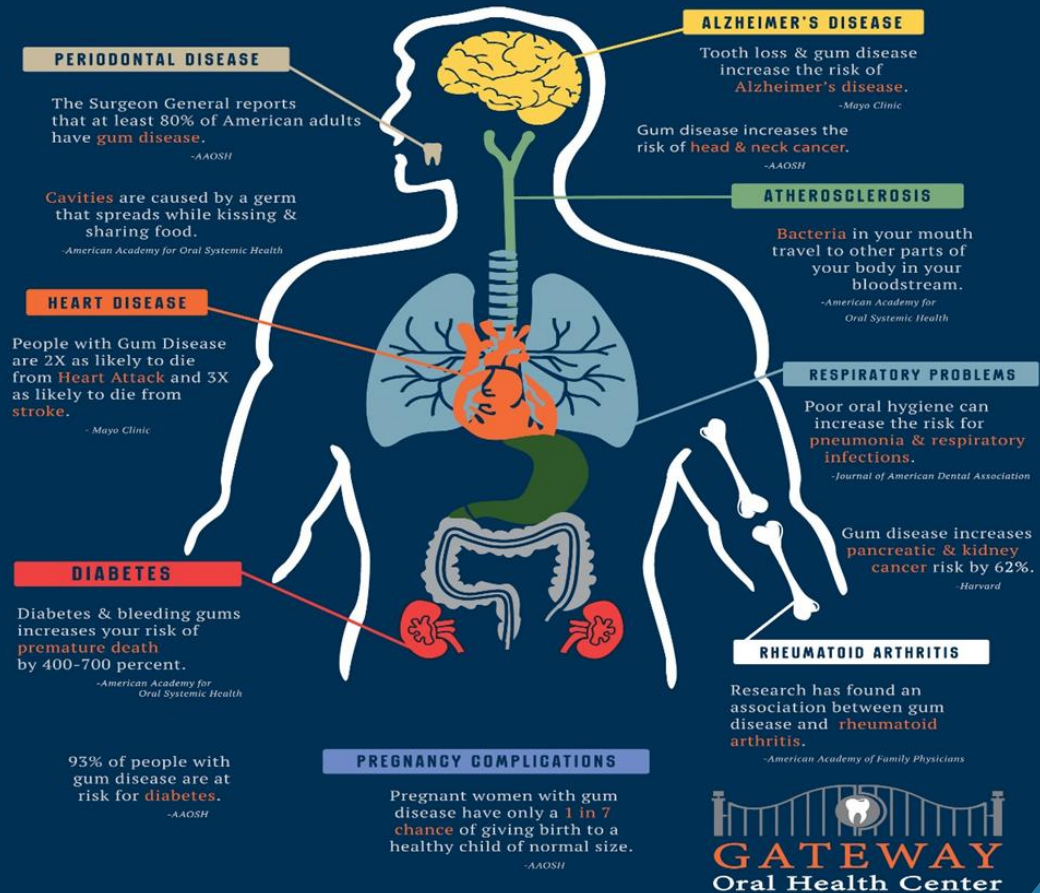
\$20 million in services  
to date.

## II. Creative ways to expand oral health care through *interprofessional collaborations* via:

- ❖ Expand scope of the dental practice
  - ❖ Improve access to care
- 



# Mouth Body Connection



- ▶ Oral Cancer Screening
- ▶ Blood Glucose Monitoring
- ▶ Flu Vaccinations
- ▶ Screening for Lead-Based Paint

# Oral Cancer Screening

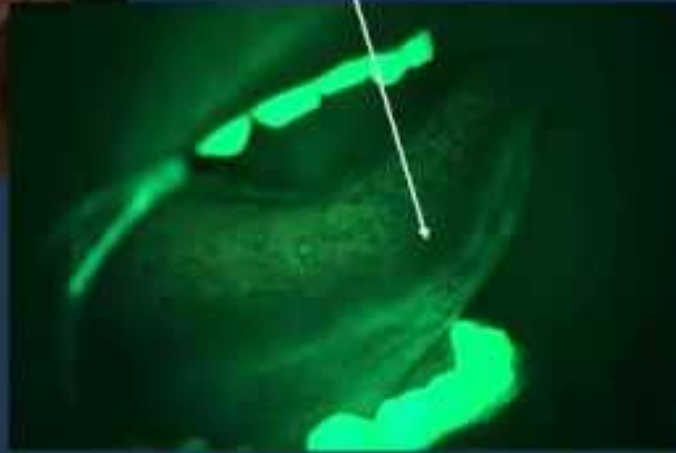
## \$5 to Stay Alive Oral Cancer Screening/Campaigns

- Marylanders are at increased risks for oral cancer secondary to drug, tobacco and alcohol use, HPV, age, sun exposure and diet.
- Dentists and physicians in our state will provide an advanced oral cancer screening for every patient.
- Helps with increasing awareness, access and compliance to dental care and medical treatment.
- Lives will be save, disfigurement and surgeries avoided, and state finances preserved to invest in health education.
- Maryland pays \$5 for the CDT Code (D0431) which is only allowable for members under the age of 21 years and former foster care individuals up to the age of 26 years.





Chronic mild inflammation is quite common on the lateral border of the tongue



Images courtesy of The University of Cologne - Dr. Marlie Schoot



UNIKLINIK  
KÖLN

25



BECAUSE  
SCREENING  
IS CRITICAL

# Blood Glucose Monitoring for Diabetics without the additional stick

- Nearly 28% of those with diabetes and 90% of those with prediabetes are not aware of their condition.
- The dental office provides an opportunity for early detection for patients who might not otherwise be screened.
- May be able to reduce the amount of sticks and pricks and save our state money.



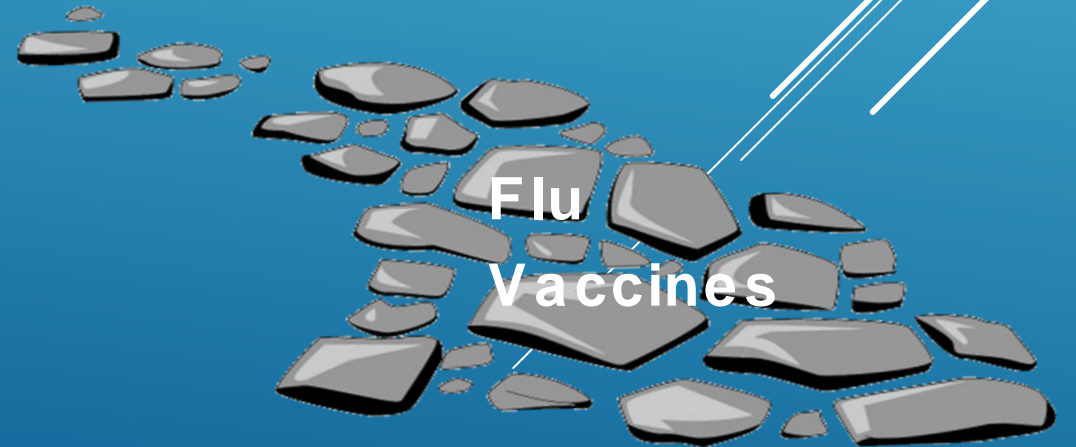


# Flu Vaccinations



It is important that dentist start to further promote vaccination's against influenza if they so choose.

- The dentist provider option should be easily integrated into the *interprofessional collaboration* health care model.
- More people will get vaccinated and this can help them get all of their recommended vaccines.





- Dentists give anesthetic injections and many perform sedations.
- In some states, dentists can already give flu shots. For example, in Minnesota dentists can give flu injections after completing a training course and agreeing to follow federal vaccination recommendations.



**SUNDAY, AUGUST 21, 2011**

NY Dental Offices Can Administer Swine Flu Shots

DENTAL NEWS: In an effort to get more people vaccinated against the H1N1 virus or swine flu, New York State is now allowing dentists, dental hygienists and podiatrists to administer flu shots.

New York Governor David Paterson issued the executive order on Thursday **that will** increase the number of health care professionals that will now administer the vaccine. "Local governments are reporting that the current public health workforce is not sufficient to thoroughly execute a vaccination campaign of this magnitude," Paterson said. "Those local governments and **health care** providers specifically requested that we issue this emergency order to give them flexibility to use additional personnel and resources in New York's vaccination campaign."  
**At least 75 deaths in New York have been attributed to the swine flu.**

<http://janeeyres.blogspot.com/2011/08/ny-dental-offices-can-administer-swine.html>

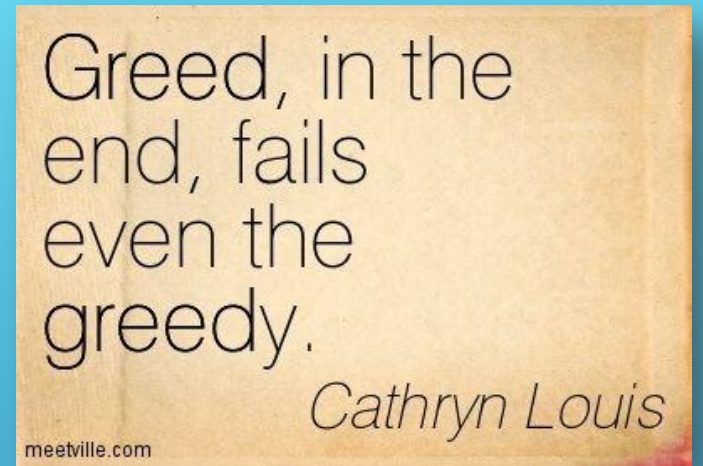
March 14, 2013

# Doctors, dentists spar over flu shots

By CLAIRE BUSHEY

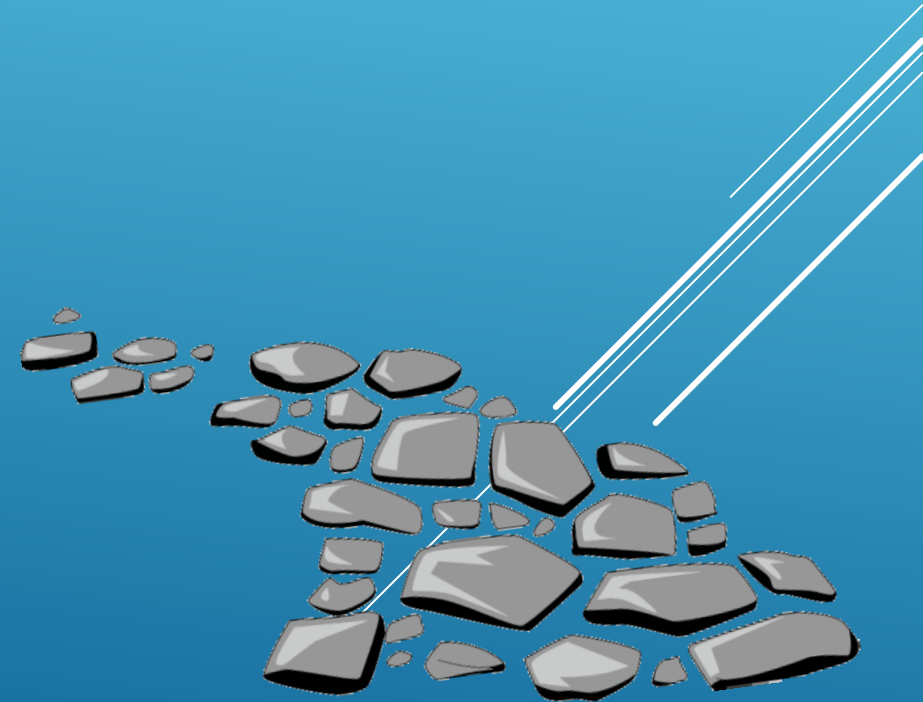
Physicians are clashing with dentists over who can give flu shots. The Illinois State Medical Society is opposing a bill in the Illinois General Assembly that would allow dentists to administer vaccines for common ailments such as shingles, tetanus and influenza. The measure, the first in the nation, would extend to dentists a privilege already held by pharmacists in all 50 states.

<http://www.chicagobusiness.com/article/20130314/NEWS03/130319878/doctors-dentists-spar-over-flu-shots>



# Screening for Lead-Based Paint Poisoning

- Dental providers play a key role in lead poisoning prevention.
- Provides proactive education to families during the preventive EPSDT and anticipatory guidance visits starting at ages even before 6 months of age.
- Dentist and dental hygienist can screen through the use of saliva collection during the routine dental examination.
- The dental team can offer baseline lead paint poisoning screening/collection to help identify children who may go undetected for years.

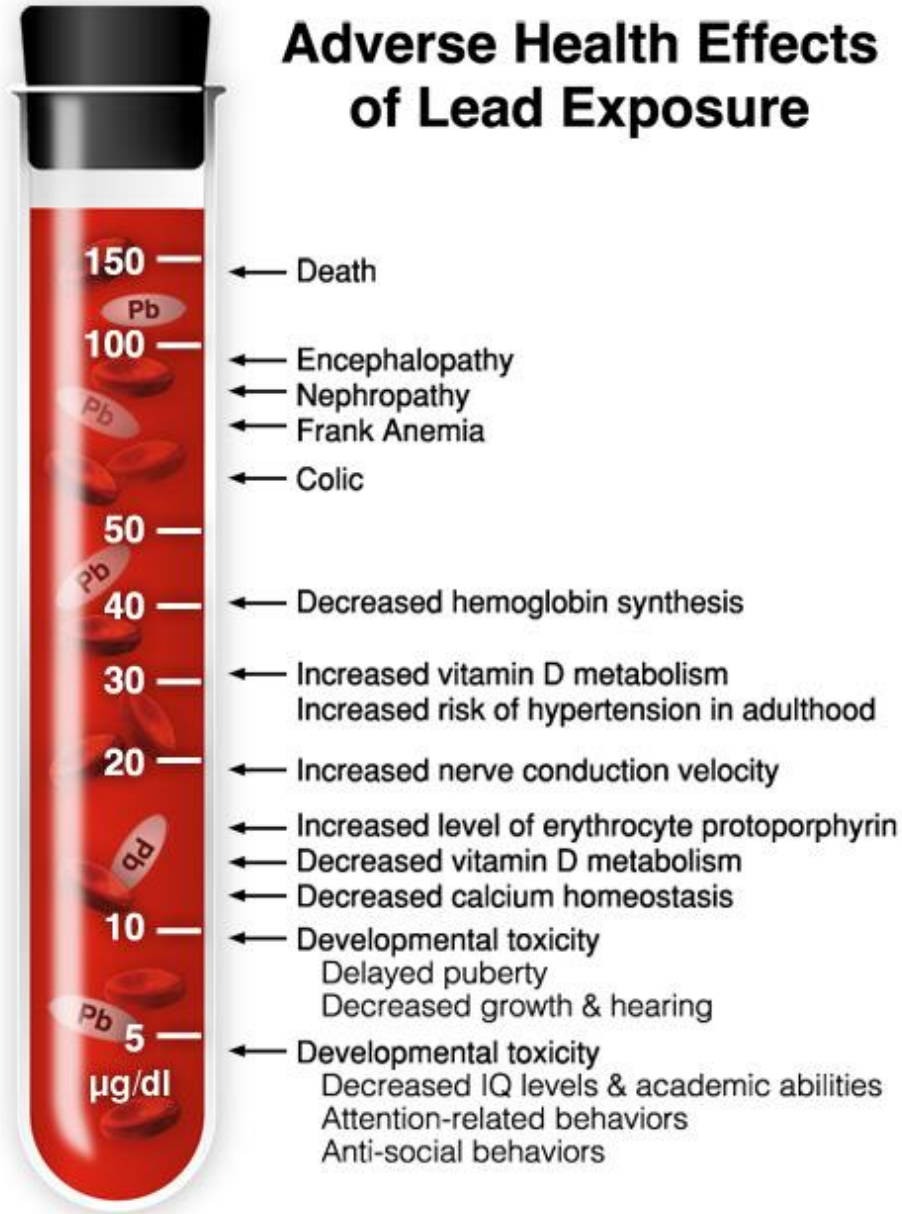


**"Children living in inner cities are at higher risk of being exposed to lead due to older homes. Also, unlike blood samples which need to be refrigerated, oral fluid swabs do not need refrigerated storage. This is a major benefit for oral health professionals and for rural communities and third world countries."**





## Adverse Health Effects of Lead Exposure



# ORAL SALIVA LEAD POISONING TEST

Posted by on August 13, 2012

Oral Lead Poisoning Test Kit \$61.20

<http://www.check4lead.com/check4lead-blog/oral-saliva-lead-poisoning-test>

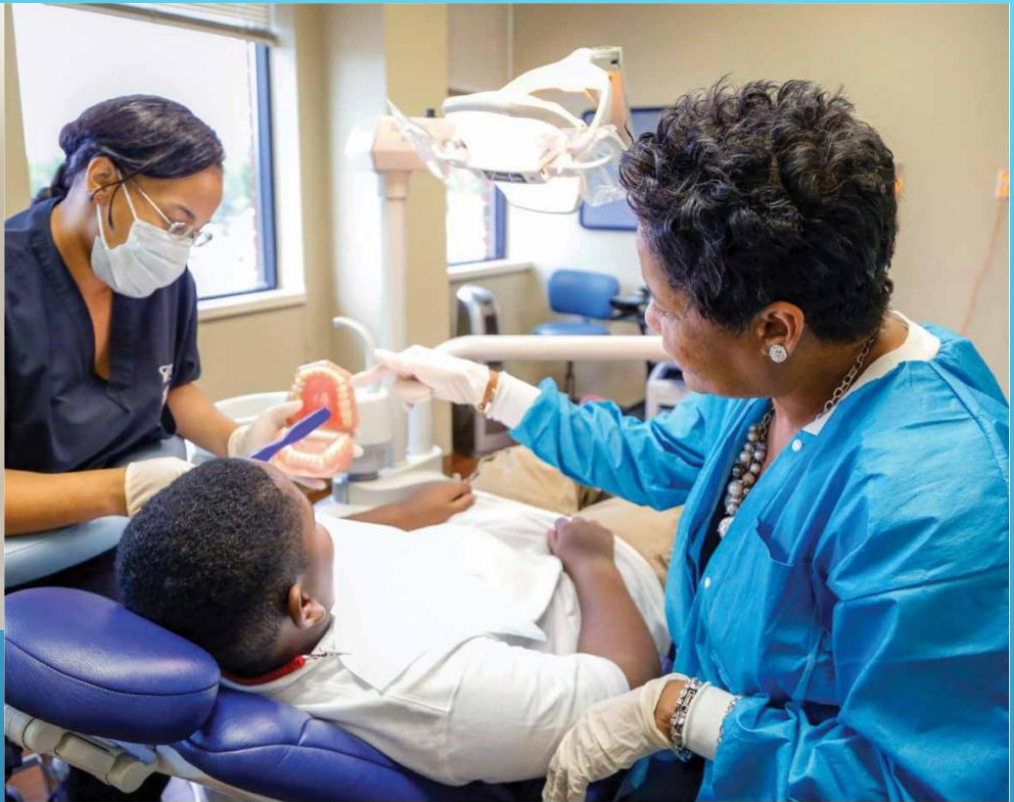




Who's spit is it anyway?



Dentist,  
Physicians,  
both?



**Who's in the best position to routinely collect and screen spit ?**





## The Future of **DENTAL** Medicine!

Scientists hope to use the discovery of spit for future medical discoveries. They believe IgA can be used as an efficient way to measure an individual's overall health.



<http://www.rebelcircus.com/blog/your-spit-can-predict-your-future>

Since spit can predict our future, and dental professionals are routinely glove deep in slob, and this opportunity has mammoth implication for interprofessional health care.



**Alzheimer's** Research conducted at the University of Alberta in Canada found that a simple saliva test can lead to an earlier diagnosis of Alzheimer's disease.

By Ben Spencer for the Daily Mail

**PUBLISHED:** 16:02 EST, 17 February 2014 | **UPDATED:** 16:02 EST, 17 February 2014



*Serious clinical depression affects one in six people at some point in their lives. Saliva test checks for raised levels of the stress hormone cortisol.*





Before our routine dental examinations and physicals consist solely of spitting for the doctors, scientists will need to conduct more research.



# Diverting Emergency Department Dental Visits

**Diverting Emergency Department Dental Visits Could Save Maryland's Medicaid Program \$4 Million per Year** Authors: Kamyar Nasseh, Ph.D.; Marko Vujicic, Ph.D.; Diane Romaine, D.M.D., M.A.G.D. , 2017

- Our analysis estimates that the Medicaid program could save up to **\$4 million** per year by diverting emergency department dental visits to dental offices where more appropriate and more cost-effective care can be provided.
- There are numerous pilot programs operating in several states that have demonstrated the effectiveness of emergency department diversion programs targeted to patients with a dental-related complaint.
- A Virginia program diverts ED patients with a dental complaint to a special urgent dental care clinic located in the hospital's oral and maxillofacial surgery clinic. Dental ED visits decreased more than 52 percent during the first year of the pilot program.
- **There is clearly an opportunity in Maryland, and in many other states, to improve both patient outcomes and to reduce health care costs through improved management of dental-related emergency department visits.**



**WESTERN MARYLAND**  
HEALTH SYSTEM

*Caring for What Matters Most*

Western Maryland Health System emergency room dentist visits are down by 26%, thanks to MDSA federal ED referral program, which utilizes already trained Community Dental Health Aids (CDHA) from Allegany College of Program.

### III. Contemporary measures being utilized to improve access to care

- CDHC
  - Teledentistry
  - Silver Diamine Fluoride
- 

## Community Dental Health Coordinators (CDHC)

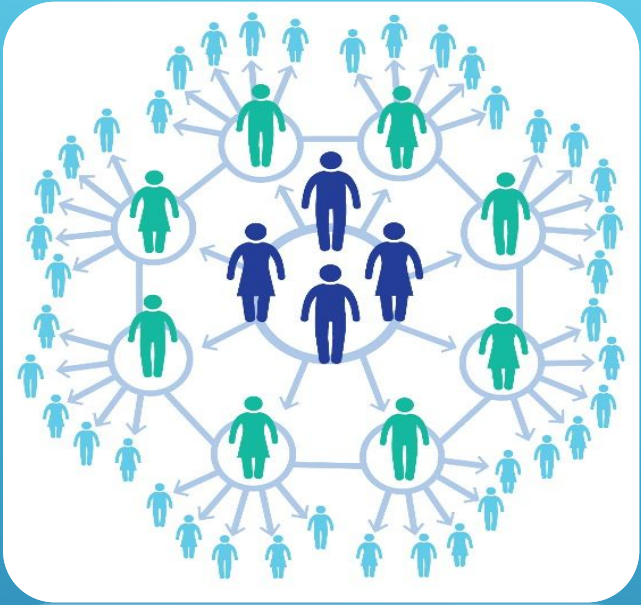
“CDHCs are typically recruited from the same types of communities in which they will serve, often the actual communities in which they grew up. This all but eliminates cultural, language and other barriers that might otherwise reduce their effectiveness.

Their connections to the communities help establish trust and make them role models.

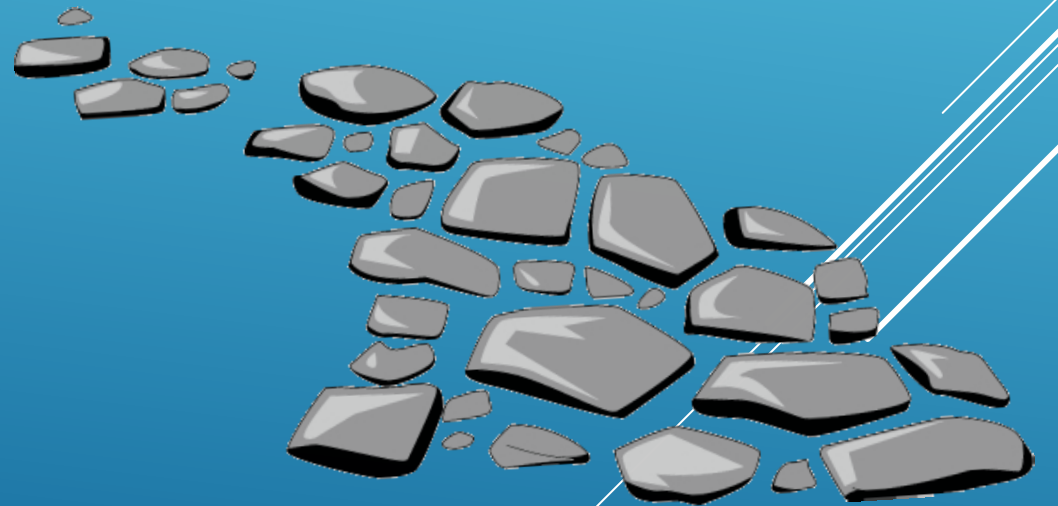
By focusing on oral health education and disease prevention, the CDHC can empower people in underserved communities to manage their own oral health.

When disease requires treatment, the CDHC can link patients with dentists who can provide that treatment, and can help obtain other services—such as child care or transportation—that patients may need in order to receive care.”





**MSDA Foundation President Dr. Diane Romaine has been instrumental in getting the Community Dental Health Coordinator (CDHC) program up and running in Maryland with classes starting this fall at Allegheny College.**



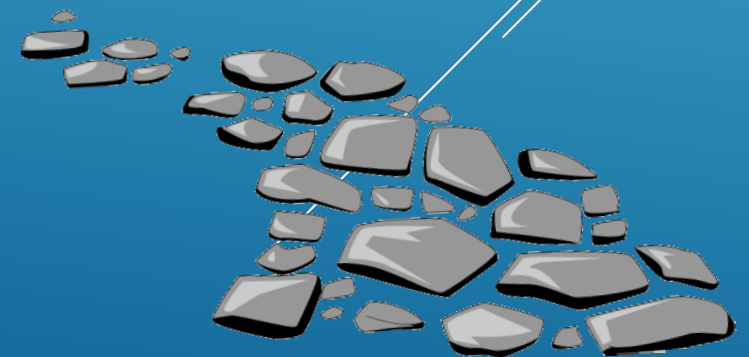


is a combination of telecommunications and dentistry involving the exchange of clinical information and images over remote distances for dental consultation and treatment planning.

D9995 and D9996 ADA Guide – Version 1 – July 17, 2017 – Page 1 of 10 2017  
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**D9995** and **D9996** – ADA Guide to Understanding and Documenting Teledentistry  
Events©

[http://www.ada.org/~media/ADA/Publications/Files/D9995andD9996\\_ADAGuideToUnderstandingandDocumentingTeledentistryEvents\\_v1\\_2017Jul17.pdf?la=en](http://www.ada.org/~media/ADA/Publications/Files/D9995andD9996_ADAGuideToUnderstandingandDocumentingTeledentistryEvents_v1_2017Jul17.pdf?la=en)



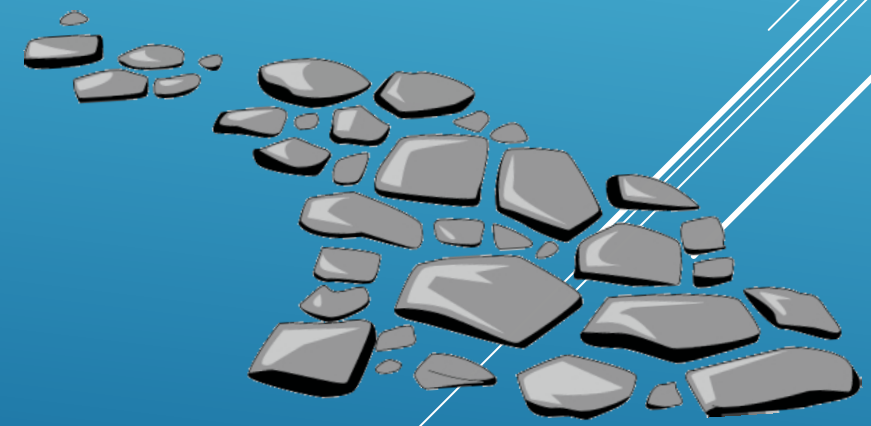
## Teledentistry

- Teledentistry can be defined as the remote provision of dental care, advice, or treatment through the medium of information technology, rather than through direct personal contact with any patient(s) involved.
- Within dental practice, teledentistry is used extensively in disciplines like preventive dentistry, orthodontics, endodontics, oral surgery, periodontal conditions, detection of early dental caries, patient education, oral medicine, and diagnosis.
- Some of the key modes and methods used in teledentistry are electronic health records, electronic referral systems, digitizing images, teleconsultations, and telediagnosis. All the applications used in teledentistry aim to bring about efficiency, provide access to underserved population, improve quality of care, and reduce oral disease burden.
- Teledentistry codes will probably be placed in the Adjunctive General Services **D9000-D9999** section of CDT 2018. These codes will most often be used in conjunction with other codes. The final language for the new codes with descriptions will not be available until later in 2017 for use with CDT 2018.



Silver Diamine Fluoride.  
This Changes Everything.

**Advantage  
Arrest.**  
Silver Diamine Fluoride 38%

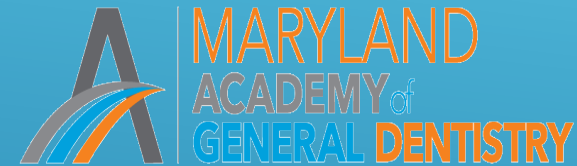




# Silver Diamine Fluoride applications

- **NOT A SIVER BULLET BUT:**
- Silver diamine fluoride is an inexpensive topical medicament used extensively in other countries to treat dental caries across the age spectrum.
- Silver Diamine Fluoride (SDF) is a clinically applied treatment that controls active dental caries and aids in preventing further progression of the disease.
- Application of SDF is simple and noninvasive. **CDT Code, D1354**

Maryland dentists continue to be committed to improving access care and to expanding health care opportunities for all adults, children and families. We appreciate and respect all stakeholders and we wish to endear dentists to always support the health driven, collaborative relationship we have worked so hard to establish in the great state of Maryland and with the Department of Health.





**This is not who dentists are in Maryland!**

