DENTAL SAFETY NET CAPACITY AND OPPORTUNITIES FOR IMPROVING ORAL HEALTH

Joint Commission on Health Care October 8, 2014 Meeting

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Study Mandate

- In 2012, Senate Joint Resolution 50 (Senator Barker) directed the Joint Commission on Health Care (JCHC) to conduct a two year study of the fiscal impact of untreated dental disease in the Commonwealth of Virginia
- The study resulted in a policy option to include in the 2014 JCHC Work Plan a targeted study of the dental capacity of Virginia's oral health care safety net providers, and the option was approved by JCHC members during the Decision Matrix meeting last November

Approved 2013 JCHC Policy Option

Include in the JCHC Work Plan for 2014, a targeted study of the dental capacity and educational priorities of Virginia's oral health care safety net providers - to include an in depth look at ways to more proactively divert patients from ERs to dental resources within their communities and to include discussion on alternative settings where additional providers (such as registered dental hygienists) can practice to access additional patient populations that are not being reached. The study and its objectives should be led by the many and diverse stakeholder in the oral health community: The Virginia Department of Health, Virginia Association of Free and Charitable Clinics, Virginia Community Healthcare Association, the Virginia Dental Hygienists' Association, the Virginia College of Emergency Physicians, Virginia Dental Association, Virginia Commonwealth University School of Dentistry, Virginia Health Care Foundation, Old Dominion Dental Society, Virginia Oral Health Coalition, Virginia Health Care Association, and Virginia Rural Health Association will be asked to work with JCHC staff in determining the need for any additional funding and resources to take care of Virginia's most vulnerable citizens. Furthermore, the group would be charged with taking a longer view of resources needed to improve education, awareness and proactivity for changing oral hygiene habits. The group would also collaborate with the Department of Education and other education stakeholders to expand oral health education in public schools. (This approved option combines the amendments, in red, proposed by VDA, VDHA, VBPD, and VACEP during the public comment period)







Lack of Access to Dental Care

- 3.8 million Virginians do not have dental insurance
 - Dental insurance is not consistently provided through employers
 - Employer-sponsored dental insurance has been decreasing from 77% of full-time private U.S. workers in recent years to 57% in 2011
 - Although some Medicare Advantage plans may include a dental benefit, traditional Medicare does not provide dental coverage
 - Virginia Medicaid provides full dental coverage for children, but only covers emergency care to adults for medically necessary oral surgery and associated diagnostic services
 - Beginning in 2015, pregnant women who qualify for Medicaid will receive full dental coverage
- Due to the lack of affordable access to dental care, many low-income individuals rely on hospital emergency departments, safety net providers and/or charitable weekend dental fairs, such as Missions of Mercy (MOM), for their dental needs
 - All of these providers of dental care are limited in their ability to meet the needs of the large numbers of individuals with dental problems











Community Health Centers

- Community Health Centers (CHCs) are nonprofit organizations, located in medically under served areas, that provide comprehensive primary health care to anyone seeking services
 - There are over 130 health center sites, serving more than 300,000 patients
- CHCs provide medical, dental, pharmaceutical, behavioral health and prevention services
 - In addition to treating individual patients, health centers emphasize health promotion and disease prevention for entire communities
- In order to maximize limited resources, CHCs develop linkages in the community with other private and public providers, pharmacies, nursing homes and local businesses





come Levels of Patients as Percent of the Federal Poverty Level (FPI			
Income Levels	Number of Patients	Percent of Patients	
100% FPL	169,222	59%	
101 - 150% FPL	55,370	19%	
151% - 200% FPL	23,387	8%	
Over 200% FPL	38,625	13%	
Total	286,604	100%	
*Does not include patients fro	m Olde Town Medical Center	or new sites for 2014	

Community Health Centers				
Payer Sources of All Patients and Dental Patients*				
Payer Sources	Number of Total Patients	Percent of Total Patients	Percent of Dental Patients**	
Uninsured	111,572	39%	61%	
Medicaid	59,234	21%	16%	
FAMIS (CHIP)	6,956	2%	2%	
Medicare	43,500	15%	3%	
Private Insurance	65,342	23%	15%	
Other			3%	
Total	286,604	100%	100%	
	ents from Olde Town Me ges based on a sample o		es for 2014	

Source: 2013 Virginia Uniform Data System (UDS) Report





Dental Services

- There are 150 operatories (dental chairs) housed in CHCs
 - Not all available operatories are being utilized at this time, often due to the inability to find or fund a dentist to provide services
- An estimated \$6.1 million of additional funds would be needed to cover the cost of providing dental care to the uninsured
 - The funding would insure stability of the existing safety net of CHCs providing dental services to low-income uninsured Virginians and to Virginians with Medicaid who do not currently have dental benefits
 - Extending dental benefits to the current population of Medicaid adults may bring a 50 percent match of Federal funding (FMAP)
 - The additional funding also would enable the CHCs currently providing dental services to extend care to a greater number of uninsured patients at their centers

*Does not include patients from Olde Town Medical Center and new sites not required to file 2013 UDS report



Free and Charitable Clinics with On-Site Dental Virginia Beach Hanover Goochland • Bradley (Roanoke) Harrisonburg Patrick County Bristol Charlottesville Lackey (Yorktown) Chesapeake Moss (Fredericksburg) Botetourt Mission Life (Fairfax) Northern Neck (Kilmarnock) Cross Over (Richmond) Rescue Mission (Roanoke) Fauquier • HELP (Hampton) Central Virginia (Lynchburg) Shenandoah (Woodstock) Northern Shenandoah Newport News (Winchester) Danville • Western Tidewater (Suffolk) Gloucester-Mathews



Free and Charitable Clinics

- The total annual budget for dental care is \$5 million
- While free and charitable clinics are able to provide dental care to a significant number of Virginians in need, most are not able to meet the high demand for services in their community
 - Many clinics have significant wait lists. For example:
 - 76 patients of the Charlottesville clinic are on a waiting list with acute pain, and 515 patients have been waiting as long as two years for restorative work at the clinic
 - 754 persons are on a waiting list for dentures in SW Virginia and the clinics are no longer able to add more individuals to the list
 - According to a survey of clinics conducted by the VHCF, many clinics have stopped keeping a wait list because the demand is "overwhelming"



Free and Charitable Clinics

- An additional \$3.3 million would be needed to expand dental capacity within clinics already providing on-site care and would provide:
 - Additional part-time and full-time dentists, dental assistants and hygienists
 - A part-time oral surgeon in at least one clinic
 - Supplies (especially dentures)
 - Additional chairs and accompanying materials
 - Physical expansion/construction needed for some clinics to add operatories
- With the added funding, all clinics combined would be able to treat 15,474 additional dental patients per year















VCU Health System ED Data, FY2013*

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	Dental Treatment Code	Total # of Visits	# of Adult Visits	# of Pediatric Visits	
ι	Unspecified Dental Caries (521.0)	273	258	15	
F	Pulpitis (522.0)	3	3		
A	AC Apical Peridonitis (522.4)	11	9	2	
F	Periapical Abscess (522.5)	339	320	19	
F	Radicular Cyst (522.8)	1	1		
C	Gingivitis, Acute and Chronic (523.0, .10, .11)	31	24	7	
C	Gingival Recession, Severe (523.23)	1	1		
A	Aggressive Periodontitis (523.23, .30)	2	2		
F	Periodontitis, Acute or Chronic (523.33, .40)	21	20	1	
F	Periodontal Disease NEC (523.8)	5	4	1	
C	Gingival/Periodontal Disease NOS (523.9)	1	1		
C	Cellulitis/Abscess Mouth (528.3)	9	9		
٦	Total Number of Visits	697**	652	45	
٦	Total Number of Patients	660	615	45	
	*Number of individuals who presented to the emergency department with a dental-related primary complaint **The total number of dental related visits in FY2007, prior to implementation of diversion plan, was 2618				8

VCU Health System ED Data, FY2013*

Payer	Total # of Visits	Total Charges	# of <mark>Adult</mark> Visits	Adult Charges	# of Pediatric Visits	Pediatric Charges
Commercial	44	\$44,474	39	\$40,114	5	\$4,360
Medicaid	148	\$156,533	112	\$123,181	36	\$33,352
Medicare	47	\$54,618	47	\$54,618		
Uninsured	455	\$457,884	451	\$454,798	4	\$3,086
Other	3	\$2,194	3	\$2,194		
Total	697	\$715,703	652	\$674,905	45	\$40,798

Percent of ED visits classified as dental: 0.96% Percent of ED charges classified as dental: 0.43%

*Number of individuals who presented to the emergency department with a dental-related primary complaint





Survey of ED Use for Dental Care Among MOM Participants

 The ED diversion plan subcommittee worked with the Virginia Dental Association Foundation to create a questionnaire on emergency department use for dental needs that was disseminated to patients at the Missions of Mercy (MOM) event in Grundy, Virginia last weekend

- The results provide information about the experiences of uninsured individuals who have sought care in a hospital emergency department
- The questionnaire was given to persons waiting in line to receive dental services
- Individuals were informed that their participation was voluntary and 362 of 446 patients completed the questionnaire, resulting in a 81 percent response rate

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Grundy MOM Survey
The Virginia Dental Association Foundation is looking for ways to better assist you in finding the dental care you need. It would help us to know how many people have to go to the emergency room (ER) for dental care. Your participation in the survey is voluntary, but we would really appreciate your help on this. Thank you! • Have you ever used the emergency room (ER) of a hospital for a dental problem?
YesNo (If you answered no, please stop here. You do not need to finish the survey. Thank you!)
 If you answered yes to the above question, for your most recent visit to the ER did they Suggest you see a dentist, but did not provide information about where to go? Suggest you see a dentist and provide you a list of dentists (address and phone number) where you could be treated? Suggest you see a dentist and provide a referral to a specific dentist who would treat you for free or at a reduced fee? Tell you that further treatment was not needed? Other (Please explain:
•How many times within the last 12 months have you gone to the emergency room (ER) for a dental problem? times
•How many times within the last 3 years have you gone to the emergency room (ER) for a dental problem? times
Regarding your last visit to the emergency room for a dental problem, what kind of care did they provide? If they provided more than one type of care (like prescribing medicine for an infection and medicine for pain) then please put an X next to all that apply. Prescribed medicine (like antibiotics) for an infection Prescribed pain pills Other (please explain)
•In which county or city/town do you live?

Survey of ED Use for Dental Care Among MOM Participants

 16 percent of the respondents indicated that they had used a hospital ED for dental problems

· When asked about their last experience to the ED

- 72.3 percent were told by ED staff that they needed to see a dentist, but were not given information about where to seek care
- 21.3 percent were told they needed to see a dentist and were provided a list of dental clinics they could contact to make an appointment for treatment
- 4.3 percent were told they needed to see a dentist and were given a referral to a specific dental clinic where they could be treated for free or at a reduced rate

• 2.1 percent were told that they did not require further treatment



Current Feasibility of Creating a Statewide ED Diversion Plan

- Preliminary data indicate that ED diversion plans can be effective in helping individuals find the oral health care they need in a more appropriate setting
- However, these programs are only possible in localities in which there is a dental school or full-time community dental clinic to receive the diverted ED dental patients
 - Significant portions of the State lack a dental safety net facility
 - In the localities with a dental safety net provider, many have waiting lists and/or lack the resources to care for all who are in need of services

Expansion of the Remote Supervision of Dental Hygienists Model

Expansion of Remote Supervision of Dental Hygienists Model

- In 2009, the General Assembly enacted legislation to reduce the dentist oversight requirement for hygienists employed by VDH in selected dentally underserved areas
 - VDH dental hygienists are allowed to work under the remote, rather than general or direct, supervision of a dentist



- Initial examination of teeth and surrounding tissues, charting existing conditions
- · Prophylaxis of natural and restored teeth
- · Scaling using hand instruments and ultrasonic devices
- · Providing dental sealant, assessment, maintenance and repair
- Application of topical fluorides
- Educational services, assessment, screening or data collection for the preparation of preliminary records for evaluation by a licensed dentist

Expansion of Remote Supervision of Dental Hygienists Model

- Remote supervision dental hygienists provide services in elementary schools utilizing portable equipment
- In 2012, additional legislation was passed allowing a dental hygienist employed by VDH to practice throughout the Commonwealth under the protocol established for the pilot program
- The program has "improved access to preventive dental services for those at highest risk of dental disease, as well as reduced barriers and costs for dental care for low-income individuals"*

*Report on Services Provided by Virginia Department of Health Dental Hygienists Pursuant to a "Remote Supervision" Practice Protocol, 2013

Expansion of Remote Supervision of Dental Hygienists Model

- The Board of Health Professions is currently considering the expansion of the remote supervision of dental hygienist model, but no action has been taken at this point
 - The Board met on September 27, but did not have a quorum and; therefore, was unable to call a vote on the issue
- Options to expand the model include allowing dental hygienists not currently employed by VDH to practice via remote supervision in other settings such as safety net facilities, hospitals, nursing homes or all dental sites, including the private sector, in order to provide access to a greater portion of Virginia's at-risk, underserved population
- Our work group considered the range of expansion options and the majority of members support an incremental approach with initial expansion to safety net facilities

Expansion of Remote Supervision of Dental Hygienists Model

 Further, it was suggested that a work group of primary stakeholders, including Virginia Dental Association, Virginia Dental Hygienists' Association, Virginia Department of Health, Virginia Association of Free and Charitable Clinics, Virginia Community Healthcare Association, Virginia Oral Health Coalition, Virginia Board of Dentistry, Old Dominion University's School of Dental Hygiene, and Virginia Commonwealth University's School of Dentistry, be created to develop a pilot program for the expansion of the remote supervision model, giving stakeholders the chance to be involved in determining the bounds/scope of the model and the specific protocol









Policy Options

Option 1: Take no action.

Option 2: Introduce budget amendments to increase funding for the following safety net providers for the provision of dental services.

- \$3.3 million for the Virginia Association of Free and Charitable Clinics member clinics
- \$6.1 million for Community Health Centers
- \$1 million for the Virginia Health Care Foundation for the creation of additional dental safety net sites.

Policy Options

Option 3: Introduce a budget amendment for \$ \$9,530,325 GFs and \$ \$9,530,325 NGFs in FY 2016 to expand Medicaid to include preventive dental coverage for adults.

Option 4: Introduce a budget amendment for \$63,535,499 GFs and \$63,535,499 NGFs in FY 2016 to expand Medicaid to include full dental coverage for adults.

Policy Options

Option 5: Introduce a budget amendment for \$400,000 GFs to allow the Virginia Department of Health to establish an Oral Health Workforce Fund.

Option 6: Request by letter of the JCHC Chair, that a representative of the Virginia Oral Health Coalition's Teledentistry Work Group report on their efforts to JCHC by October 2015.

Policy Options

Option 7: Request by letter of the JCHC Chair, that a work group of primary stakeholders, including Virginia Dental Association, Virginia Dental Hygienists' Association, Virginia Department of Health, Virginia Association of Free and Charitable Clinics, Virginia Community Healthcare Association, Virginia Oral Health Coalition, Virginia Board of Dentistry, Old Dominion University's School of Dental Hygiene, and Virginia Commonwealth University's School of Dentistry, be created to develop a pilot program to expand the remote supervision of dental hygienists model to safety net facilities

• The work group should report to JCHC by October 2015.



 Written public comments on the proposed options may be submitted to JCHC by close of business on October 30, 2014. Comments may be submitted via:

• E-mail: <u>sreid@jchc.virginia.gov</u>

• Facsimile: 804-786-5538 or

Mail to: Joint Commission on Health Care P.O. Box 1322 Richmond, Virginia 23218

• Comments will be summarized and presented during the JCHC meeting on November 5th.



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Citations

- 1. Council of State Governments, Talking Points: Preventing Dental Decay. www.healthystates .csg.org
- 2. Jeffcoat M, et al. 2012. Periodontal therapy reduces hospitalizations and medical care costs in diabetics. University of Pennsylvania, Philadelphia PA, United Concordia Companies, Inc.
- 3. National Institute of Dental and Craniofacial Research. 2005. "Study finds direct association between cardiovascular disease and periodontal bacteria." February 7.
- 4. Humphrey, Linda et al. 2008. "Periodontal disease and coronary heart disease incidence: A systematic review and meta-analysis." J Gen Intern Med. 23(12). September 20. 2079-2086.
- 5. Shenoy RP et al. 2009. "Periodontal disease as a risk factor in pre-term low birth weight: An assessment of gynocologists' knowledge, a pilot study." Dent Res. 20:13-6.
- 6. http://silk.nih.gov/public/hck1ocv.@www.surgeon.fullrpt.pdf