CHIPRA & COMMUNITY CARE OF NORTH CAROLINA

CHIPRA – A Quality Demonstration Grant

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Prevention

"It is easier to build strong children than repair broken men and women"

" Fredrick Doug<mark>las</mark>



3 MAIN ORAL HEALTH OBJECTIVES



- Increase the awareness of families for the need of all children to be linked to a dental home and engage primary care providers to reinforce this message.
- Expand the efforts of the *Into the Mouths of Babes (IMB)* project dental varnish
- Routine use of an Oral Health Screening tool by primary care providers

EPSDT PRACTICE PROFILE CCNC TOTAL RATES FOR DENTAL VISIT AND VARNISHING

		Ages 2	Ages 2 to 3		Ages 4 to 6		Ages 7 to 14		Ages 15 to 21		to 21
Annual Dental Visit	Year Ending	Eligible Pts	%	Eligible Pts	%	Eligible Pts	%	Eligible Pts	%	Eligible Pts	%
CCNC TOTAL	Sep 2012	101,265	44%	144,386	67%	233,063	69%	97,935	56%	576,649	62%
CCNC TOTAL	Sep 2011	95,770	43%	127,538	67%	205,744	69%	90,089	55%	519,141	61%
Best Network Performance	Sep 2012		53%		72%		73%		61%		67%

Dental Topical Fluoride Varnishing	Year Ending	Eligible Patients	3 or More Varnishings	3 or More Varnishings Percent	4 or More Varnishings	4 or More Varnishings Percent
CCNC TOTAL	Sep 2012	34,661	19,695	57%	14,516	42%
CCNC TOTAL	Sep 2011	29,609	16,212	55%	11,844	40%
Best Network Performance	Sep 2012			67%		54%

EPSDT PRACTICE PROFILE Network Rates for Dental Visits and Varnishing

		ANNUAL DENTAL VISIT	DENTAL TOPICAL FLUORIDE VARNISHING			
Network	Year Ending	Ages 2 TO 21	3 or More Varnishings Percent	4 or More Varnishings Percent		
AccessCare	Sep 2012	61%	64%	48%		
Carolina Collaborative Community Care	Sep 2012	63%	40%	27%		
Carolina Community Health Partnership	Sep 2012	64%	38%	21%		
Community Care of Southern Piedmont	Sep 2012	62%	59%	41%		
Community Care of the Lower Cape Fear	Sep 2012	57%	56%	43%		
Community Care of the Sandhills	Sep 2012	59%	49%	34%		
Community Care of Wake and Johnston Counties	Sep 2012	65%	67%	53%		
Community Care of Western North Carolina	Sep 2012	65%	57%	41%		
Community Care Partners of Greater Mecklenburg	Sep 2012	62%	50%	34%		
Community Care Plan of Eastern Carolina	Sep 2012	55%	47%	33%		
Community Health Partners	Sep 2012	64%	55%	41%		
Northern Piedmont Community Care	Sep 2012	60%	59%	44%		
Northwest Community Care	Sep 2012	65%	61%	47%		
Partnership for Community Care	Sep 2012	67%	65%	54%		
CCNC Total	Sep 2012	62%	57%	42%		

EPSDT PRACTICE PROFILE DENTAL VISITS BY AGES 2-10

		Ag	Ages 2 TO 3		Ag	es 4 TO	6	Ages 7 TO 10		
Network	Year Ending	Eligible Pts	Visits	%	Eligible Pts	Visits	%	Eligible Pts	Visits	%
AccessCare	Sep 2012	19,803	8,184	41%	28,175	18,476	66%	24,162	16,769	69%
Carolina Collaborative Community Care	Sep 2012	3,990	1,811	45%	5,450	3,766	69%	5,013	3,646	73%
Carolina Community Health Partnership	Sep 2012	2,048	826	40%	2,828	1,956	69%	2,806	2,041	73%
Community Care of Southern Piedmont	Sep 2012	4,537	2,087	46%	6,618	4,367	66%	5,827	4,034	69%
Community Care of the Lower Cape Fear	Sep 2012	5,565	1,948	35%	8,090	5,020	62%	6,883	4,548	66%
Community Care of the Sandhills	Sep 2012	5,131	2,073	40%	7,561	4,713	62%	6,605	4,408	67%
Community Care of Wake and Johnston Counties	Sep 2012	9,065	4,554	50%	12,685	8,802	69%	9,822	7,232	74%
Community Care of Western North Carolina	Sep 2012	4,840	2,493	52%	6,891	4,775	69%	5,867	4,356	74%
Community Care Partners of Greater Mecklenburg	Sep 2012	11,980	5,762	48%	16,938	11,257	67%	14,193	10,060	71%
Community Care Plan of Eastern Carolina	Sep 2012	11,240	3,719	33%	16,427	10,347	63%	14,731	9,744	66%
Community Health Partners	Sep 2012	3,023	1,409	47%	4,239	2,877	68%	3,743	2,705	72%
Northern Piedmont Community Care	Sep 2012	4,999	2,449	49%	6,992	4,633	66%	5,878	3,921	67%
Northwest Community Care	Sep 2012	8,027	3,701	46%	11,561	8,063	70%	10,102	7,574	75%
Partnership for Community Care	Sep 2012	7,017	3,710	53%	9,931	7,102	72%	8,857	6,524	74%
CCNC Total	Sep 2012	101,265	44,726	44%	144,386	96,154	67%	124,489	87,562	70%

EPSDT PRACTICE PROFILE DENTAL VISITS BY AGES 7-21

		Age	es 7 TO	10	Age	s 11 TO	14	Age	s 15 TO	18	Age	s 19 TO	21
Network	Year Ending	Eligible Pts	Visits	%									
AccessCare	Sep 2012	24,162	16,769	69%	21,080	14,125	67%	16,093	9,436	59%	2,094	1,002	48%
Carolina Collaborative Community Care	Sep 2012	5,013	3,646	73%	4,440	2,961	67%	3,699	2,181	59%	838	355	42%
Carolina Community Health Partnership	Sep 2012	2,806	2,041	73%	2,607	1,817	70%	2,088	1,312	63%	320	162	51%
Community Care of Southern Piedmont	Sep 2012	5,827	4,034	69%	5,130	3,394	66%	3,765	2,136	57%	626	288	46%
Community Care of the Lower Cape Fear	Sep 2012	6,883	4,548	66%	6,103	3,794	62%	5,097	2,894	57%	927	427	46%
Community Care of the Sandhills	Sep 2012	6,605	4,408	67%	5,924	3,820	65%	4,630	2,587	56%	746	356	48%
Community Care of Wake and Johnston Counties	Sep 2012	9,822	7,232	74%	8,192	5,805	71%	6,143	3,700	60%	782	384	49%
Community Care of Western North Carolina	Sep 2012	5,867	4,356	74%	5,283	3,659	69%	4,059	2,410	59%	591	299	51%
Community Care Partners of Greater Mecklenburg	Sep 2012	14,193	10,060	71%	11,876	8,013	68%	8,946	5,087	57%	1,427	564	40%
Community Care Plan of Eastern Carolina	Sep 2012	14,731	9,744	66%	13,048	7,623	58%	10,753	5,396	50%	2,040	861	42%
Community Health Partners	Sep 2012	3,743	2,705	72%	3,459	2,404	70%	2,772	1,692	61%	525	298	57%
Northern Piedmont Community Care	Sep 2012	5,878	3,921	67%	5,108	3,146	62%	4,031	2,141	53%	826	389	47%
Northwest Community Care	Sep 2012	10,102	7,574	75%	8,781	6,238	71%	6,771	4,106	61%	1,115	544	49%
Partnership for Community Care	Sep 2012	8,857	6,524	74%	7,543	5,324	71%	5,521	3,380	61%	710	326	46%
CCNC Total	Sep 2012	124,489	87,562	70%	108,574	72,123	66%	84,368	48,458	57%	13,567	6,255	46%

DENTAL VARNISHING CONTINUED

Evidence is that children who receive 4 or more varnishing treatments do best.



Resources:

- NC Health Check Billing Guide
- <u>www.ncdhhs.gov/dph/oralhealth/partners/IMB.htm</u>

DENTAL VARNISHING RATES

Table 2. Dental Topical Fluoride Var									
		Dental Varnishing (3+)			Dental Varnishing (4+)				
	Eligible Patients			Eligible Patients	Patients with 4+ Claims for		Total		
Report Period	(Denominator)	(Numerator)	CCNC Results	(Denominator)	Varnishing (Numerator)	CCNC Results	Varnishings		
Year-Ending Sept. 2010	26,568	13,638	51%	26,568	9,496	36%	75,570		
Year-Ending Dec. 2010	27,732	14,493	52%	27,732	10,236	37%	80,036		
Year-Ending Sept. 2011	29,609	16,212	55%	29,609	11,844	40%	90,055		
Year-Ending June 2012	34,220	19,115	56%	34,220	13,991	41%	105,862		
Year-Ending Sept. 2012	34,661	19,695	57%	34,661	14,516	42%	109,572		

CATEGORY A

- 14 Pediatric QI Specialists, one in each of the CCNC Networks
- QIS are responsible for provider outreach
 - Review quality indicators
 - Assist practices in quality improvement
- QIS identified varnishing as a top priority for improvement and expansion
- All have been trained on IMB and use of the PORRT
- QIS assist with practice trainings, using the IMB/PORRT Toolkit



CCNC Pediatrics: Oral Health

Main Objectives:

- Increase rates of dental varnishing.
- · Primary Care Providers routinely look into the mouth using a risk assessment tool.
- Link children to a dental home.

Key Points

What is Dental Varnishing? Dental varnishing is a topical fluoride application that is applied to erupted teeth in the primary care setting. The visit also includes oral evaluation and parent/caregiver education. Physicians and nurses may apply the varnish.

Why should Providers Varnish? Access- The AAP recommends "every child should have a dental home established by 1 year of age." The reality is that 89% of children in this age group see a physician at least once yearly while only 1.5% sees a dentist. This points to the importance of a risk assessment screen in primary care.

Frequency? Fluoride varnish can be applied to infants and toddlers teeth up to 6 times by age 3 ½ or through age 41 months. Application can take place during well or sick visits and at an optimal frequency of every 3-4 months (minimum of 60 day interval between procedures).

Evidence? Research shows that children having 4 or more varnishings before their 3rd birthday have the most benefit by reducing cavities and the need for dental fillings.

Screening and Referrals

Evidence of screening and appropriate dental referral are components of the Into the Mouths of Babesprogram. The following are approved screening tools:

- NC Priority Oral Risk Assessment and Referral Tool (PORRT)
- Bright Futures Oral Health Risk Assessment Tool

Billing, Coding, and Reimbursement

Dental Varnish Visit: D0145: Oral Evaluation & Counseling to Caregiver D1206: Application of Dental Varnish Reimbursement \$35.62 \$15.72

The goal is to reduce the incidence of early childhood tooth decay in North Carolina by assessing for oral risk in primary care, applying varnish, and linking children to a dental home.

CHIPRA One-Pager

North Carolina CHIPRA Quality Demonstration Grant-September 2012 (v2)

CATEGORY C

THE NC MEDICAL HOME PROJECT - CHIPRA CONNECT

• Learning Collaborative Model

• Main areas of focus:

- Social/emotional/developmental/behavioral/mental health screening, referral and co-management
- Use of validated screens for ages 0-20 including maternal depression screening
- Oral Health
- Obesity Prevention
- Strong focus on building community resources & *relationships* in order to provided *comprehensive* & *coordinated* care

CHIPRA CONNECT TEAM PROVIDES...



- Weekly TA to Quality Improvement Coaches
- Monthly Clinical Content Training and Review of Practice Run Chart Data
- Learning Sessions:
 - AAP Mental Health Toolkit
 - ADHD
 - Foster Care
 - Obesity Prevention
 - Oral Health (Risk Screen, Dental Home and Varnishing)
 - Risk Stratification
- Maintenance of Certification –Part IV
 - Comprehensive Adolescent Preventive Care
 - Maternal Depression
 - Oral Health

NC Priority Oral Risk Assessment and Referral Tool - PORRT

Today's c	late: / / Child's MID#			
Child's la	st name:		Birth dat	e:
				1 1
Child's fir			month	/ /
Child's fir	st name: Child's middle name:			
		_		
Devention				
Parent/G	Jardian's relationship to child: \Box_1 Mom \Box_2 Dad \Box_3 Grandparent \Box_4 Other (specify)		
PRACTIC				
Α.	Questions for Parent/Guardian			
		Yes1	No ₂	Referral Recommenda
1.	Do you brush your child's teeth at least once a day using toothpaste with fluoride?		1	T ()
2.	Does your child drink fluoridated water?			If 3 or more risk factors
3.	Does your child drink juice or sweetened drinks between meals or eat sugary snacks?			(shaded boxes)
4.	Have you or anyone in your immediate family had dental problems?			are marked, refer to a
5.	Does your child sleep with a bottle filled with drinks other than water?			Dentist.
6.	Is the child currently being seen by a dentist? \Box_1 Yes \Box_2 No			
0.	If yes, name of dentist: Date of last appo	intment:		
		mon	/ _	/ day year
		mon		day year
В.	Questions for Provider Based on Clinical Assessment			F
		Yes1	No ₂	If Yes, Refer to a
7.	Does the child have any special health care needs?			Dentist
8.	Does the child have cavities? (cavitated lesions)			Dentist
9.	Does the child have visible plaque on the teeth?			Consider other risks
10.	Does the child have enamel defects?			Dentist
11.	Does the child have white spot lesions? (non-cavitated lesions)			Dentist
12.	Does the child have any other oral conditions of concern?			Dentist
13.	Please check procedures performed today: \Box_1 Oral evaluation \Box_1 Fluoride Varnish	□ ₁ Parer	t Educati	on
14.	Was the child referred to a dentist? \Box_1 Yes \Box_2 No			
	a. If YES, name of dentist:			
Provide	Signature:			
C.	This section is to be completed by the <u>Dental Office</u> and faxed b	ack to t	the ref	erring physician
		ach tu		citing physician
1.	Date of dental appointment month day year			
2.	Did the patient show up for dental appointment? \Box_1 Yes \Box_2 No			
2. 3.	Did the patient show up for dental appointment? \Box_1 Yes \Box_2 No Did patient call to cancel the appointment? \Box_1 Yes \Box_2 No			
3.	Did patient call to cancel the appointment? \Box_1 Yes \Box_2 No a. If yes, what reason was given?			
	Did patient call to cancel the appointment? \Box_1 Yes \Box_2 No			
3.	Did patient call to cancel the appointment? \Box_1 Yes \Box_2 No a. If yes, what reason was given?			

Documentation: PORRT

PORRT SECTION A QUESTIONS FOR PARENT/GUARDIAN

Α.	Questions for Parent/Guardian					
		Yes ₁	No ₂	Referral Recommendation		
1.	Do you brush your child's teeth at least once a day using toothpaste with fluoride?			If 3 or more		
2.	Does your child drink fluoridated water?			risk factors		
3.	Does your child drink juice or sweetened drinks between meals or eat sugary snacks?			(shaded boxes) are marked, refer to a		
4.	Have you or anyone in your immediate family had dental problems?					
5.	Does your child sleep with a bottle filled with drinks other than water?			<u>Dentist</u> .		
6.	Is the child currently being seen by a dentist? \Box_1 Yes \Box_2 No					
	If yes, name of dentist: Date of last appo	intment:				
		mont	/ _ h	/ day year		

PORRT SECTION B QUESTIONS FOR PROVIDER BASED ON CLINICAL ASSESSMENT

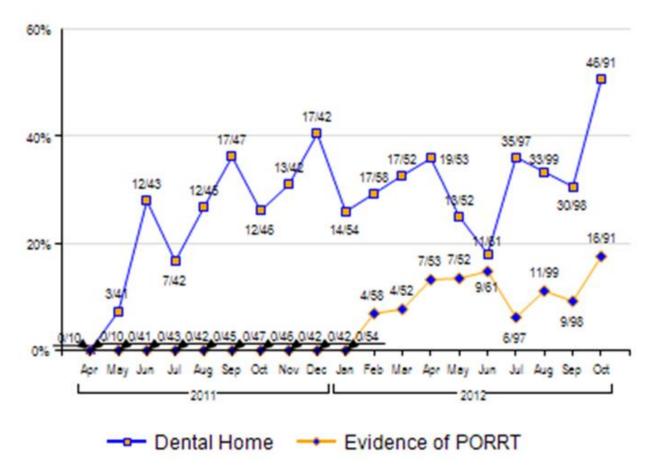
		Yes ₁	No ₂	If Yes, Refer to a
1.	Does the child have any special health care needs?			Dentist
2.	Does the child have cavities? (cavitated lesions)			Dentist
3.	Does the child have visible plaque on the teeth?			Consider other risks
4.	Does the child have enamel defects?			Dentist
5.	Does the child have white spot lesions? (non-cavitated lesions)			Dentist
6.	Does the child have any other oral conditions of concern?			Dentist
7.	Please check procedures performed today: \Box_1 Oral evaluation \Box_1 Fluoride Varnish	□ ₁ Paren	t Education	
8.	Was the child referred to a dentist? \Box_1 Yes \Box_2 No			
	a. If YES, name of dentist:			

PORRT SECTION C REFERRAL

C.	This section is to be completed by the Dental Office and faxed back to the referring physician
1.	Date of dental appointment / / / /
2.	Did the patient show up for dental appointment? \Box_1 Yes \Box_2 No
3.	Did patient call to cancel the appointment? \Box_1 Yes \Box_2 No
	i) If yes, what reason was given?
4.	Brief summary of dental findings:
Next der	tal appointment: Date: Time: / / Time: Carolina Dental Home March 2010 day year

Two Year Olds

Evidence of Dental Home and PORRT



Our goal is to put the Mouth back in the Head and put the head back on the body



NC CATEGORY D – MODEL PEDIATRIC ELECTRONIC HEALTH RECORD GOALS:

- Industry-wide increase in understanding and knowledge of information technology's role in child health care.
- Improvement in the pediatric content and functionality of current and future EHR products.
- Child health care quality improvement.
- Evaluation of the effectiveness of the Model Children's EHR Format in accomplishing goals 1, 2 and 3.

PEDIATRIC ELECTRONIC HEALTH RECORD EVALUATION

Quality Improvement Indicator Grid

Quality Improvement Measure Category	CCNC's QMAF Claims Data	CCNC's QMAF Chart Audit Data	CHIPRA C - Chart Extraction Data	CHIPRA D - CEHR Reporting
	BMI V codes		BMI Percentile	BMI Percentile
Obesity Prevention			Evidence of Counseling	Evidence of Counseling
				Blood Pressure Percentiles
	Annual Dental Visit		Evidence of a Dental Home	Evidence of a Dental Home
Oral Health	Varnishing rates			Varnishing rates
			Oral Health Risk Screen & Counseling	Oral Health Risk Screen & Counseling
			Maternal Depression Screen	Maternal Depression Screen
Developmental and	0-5 year old screen (ABCD & Autism)		2 year old (ABCD and Autism screens)	0-5 year old screen (ABCD & Autism)
Behavioral Health	6-11 year old screen		6-11 year old screen	6-11 year old screen
Delidviolal realti	11-20 year old screens		11-20 year old screens	11-20 year old screens
			Screening score, results discussed,	referral made & feedback documented
	Well Child Visit - 15 months			Well Child Visit - 15 months
	Well Child Visit - 3 to 6 year olds			Well Child Visit - 3 to 6 year olds
Carlo Daviadia	Well Child Visit - 7 to 11 year olds			Well Child Visit - 7 to 11 year olds
Early, Periodic,	Well Child Visit - Adolescent Annual Visit			Well Child Visit - Adolescent Annual Visit
Screening, Diagnosis and Treatment (EPSDT)	Vision - 3 to 10			Vision - 3 to 10
and freatment (EPSDT)	Hearing - 4 to 10			Hearing - 4 to 10
				2 year old Immunizations
			Adolescent Immunizations	Adolescent Immunizations
		Cont. Care Visit with Assess. of Symptoms		Cont. Care Visit with Assess. of Symptoms
		Action Plan		Action Plan
		Assessment of Environmental Triggers		Assessment of Environmental Triggers
		Appropriate Pharmacological Therapy		Appropriate Pharmacological Therapy
Asthma	Beta Agonist Overuse			
	Suboptimal Control & Absence of			
	Controller Therapy			
	Asthma ED Visits			
	Asthma Hospitalizations			

FOR THESE ARE ALL OUR CHILDREN. WE WILL ALL PROFIT BY OR PAY FOR WHATEVER THEY BECOME

