## **Survey of Dental Caries Prevention: Nurses**

Thank you for taking time to complete this survey. Your confidential answers will be used by the HealthEfficient team to develop continuing education and other intervention programs for nurses and their team members to improve the oral/dental health of the public.

- 1. In the past year have you had child patients 6 months to 3 years of age present with tooth decay, sometimes referred to as early childhood caries (ECC)?
  - 🗆 Yes
  - 🗆 No
- 2. In your opinion, what are **three** main challenges a practitioner experiences with a child patient 6 months to 3 years of age who has tooth decay? **(Select THREE)** 
  - □ Child is in pain at visit
  - □ Child has difficult behavioral issues
  - □ Child does not return for follow-up care
  - □ Child (parent) is frequently a no-show
  - □ Parent/caregiver does not follow my instructions
  - □ Child's teeth always needs cleaning
  - □ Parent/caregiver does not seem to care about child's oral/dental health
  - □ I don't feel adequately trained to treat these cases\*
  - □ Parent/caregiver continues to give sweet drinks in child's bottle or sippy cup
  - □ Parent/caregiver will not accept the recommended fluoride regimen
  - □ I don't encounter problems
  - □ Other, please explain \_\_\_\_\_
- 3. How effective do you think each of the following is for preventing tooth decay in children 6 months to 3 years of age?

Effectiveness for Children Age 6 months to 3 years of age	Not Effective	Somewhat Effective	Effective	Very Effective	Don't Know
Community Water Fluoridation					
Dietary fluoride drop/tablets					
Fluoride dentifrices					
Fluoride varnish					
Cleaning infant's mouth					
Toothbrushing without a fluoride dentifrice					
Routine dental care					
Professional prophylaxis					
Flossing					
Infrequent sugar consumption					
Silver diamine fluoride					

- 4. Do you provide/recommend fluoride products (tablets, drops, toothpaste) for patients 6 months to 3 years of age for their home use?
  - □ Yes
  - 🗆 No
- 5. Do you ask the source of drinking water for your patients 6 months to 3 years of age?
  - 🗆 Yes
  - 🗆 No
- 6. Do you recommend your patients 6 months to 3 years of age drink tap water?
  - 🗆 Yes
  - 🗆 No
- 7. Do you routinely assess dental caries risk factors for your patients 6 months to 3 years of age? (If no, skip to question 9)
  - □ Yes
  - 🗆 No
- 8. Which of the following caries risk factors do you use for your patients 6 months to 3 years of age? (Select all that apply.)
  - □ Frequency of dental visits
  - □ Child has special health care needs
  - □ Child's exposure to fluoride
  - □ Child has tooth decay
  - □ Times per day child's teeth are brushed
  - □ Socio-economic status of child's parents
  - □ Mother's history of tooth decay
  - □ Daily between-meal exposures to cavity producing food
  - □ Visible plaque
  - □ Presence of enamel demineralization
  - □ Other, please explain \_\_\_\_\_
- 9. Do you discuss with pregnant patients or women of child-bearing age the importance of good oral/dental health and how it may impact the health of their newborn?
  - □ Yes
  - 🗆 No
- 10. Do you discuss oral/dental care for a newborn infant with your pregnant patients?
  - □ Yes
  - 🗆 No
  - □ N/A
- 11. Do you or members of your team provide education about preventing tooth decay to parents/caregivers of children 6 months to 3 years of age? (If no, skip to question 13)
  - 🗆 Yes
  - 🗆 No

- 12. How frequently do you provide education about preventing tooth decay to parents/caregivers of children 6 months to 3 years of age?
  - □ At initial visit
  - $\Box$  As needed
  - □ At every visit
  - □ Other, please explain \_\_\_\_\_
- 13. What topics do you include in the education about preventing tooth decay for parents/caregivers of children 6 months to 3 years of age?

Торіс	Children ages 0-18 months	Children ages 19-36 months
Toothbrushing instruction		
Cleaning infant's mouth/gums		
Flossing instruction		
Use of fluoride varnish		
Fluoride drops/tablets		
Prevention of early childhood caries		
Community water fluoridation		
Mechanism of fluoride action		
Nutrition/sugar reduction		
Use of fluoride dentifrice		
Home fluoride rinses		
Use of silver diamine fluoride		
Other, please specify		

14. Is it your clinic policy to provide motivational interviewing to families of young patients?

- 🗆 Yes
- 🗆 No
- 15. Is it your clinic policy to set oral/dental health self-management goals with families of young patients? □ Yes

  - L NO

16. During a typical workweek, how often do you use the following communication techniques with your patients?

	Always	Most of the time	Occasion- ally	Rarely	Don't Know
Ask patients to repeat back information or instructions					
Speak slowly					
Limit the number of concepts presented at a time to 2-3					
Ask patients to tell you what they will do at home to follow instructions					
Use simple language					
Hand out printed materials					
Underline key points on print materials					
Write or print out instructions					
Draw pictures or use printed illustrations					
Refer patients to the internet or other sources of information					
Ask hygienist, assistant or other office staff to follow-up with patients for post-care instructions					
Use video or DVD					

17. Some medical providers believe that they can prevent tooth decay among their Medicaid patients. How sure are you that you can prevent tooth decay in these patients?

Very	Somewhat	Somewhat	Very	Don't
Sure	Sure	Unsure	Unsure	Know

18. When treating pregnant women, we ask her whether she has had a dental appointment during her pregnancy.

Always	Most of the time	Occasionally	Rarely	N/A

19. When our medical team learns a patient is pregnant, we ask when her last dental appointment was.

	Most of the			
Always	time	Occasionally	Rarely	N/A

20. When a pregnant patient explains she has not had a dental visit, we:

#### (Select all that apply.)

- Explain to her that dental visits are important for her health and her baby's health
- □ Refer her to a dentist for an appointment
- □ Help her make an appointment with the dentist
- □ Other, please explain \_\_\_\_\_
- 21. We recommend women with infants 2 to 3 years of age take their child for dental visits.

	Most of		
Always	the time	Occasionally	Rarely

22. We consult with dental providers regarding mutual patients.

	Most of		
Always	the time	Occasionally	Rarely

23. We have established relationships and a referral process with dental providers.

	Most of		
Always	the time	Occasionally	Rarely

#### Tell us about you.

- 24. Excluding nursing school, have you ever taken a course on communication skills?
  - 🗆 Yes
  - 🗆 No
- 25. How would you rate your nursing school training regarding preventing tooth decay?
  - □ Very good
  - $\Box$  Good
  - □ Poor
  - □ Very poor
  - □ Not sure
- 26. Where did you receive your nursing education?
  - □ In the United States
  - □ Outside the United States
- 27. How many years has it been since you graduated from nursing school?
  - $\hfill\square$  Less than 5 years
  - □ 6-10 years
  - □ 11-20 years
  - □ More than 20 years

- 28. What is your nursing specialty?
  - □ Licensed Practical Nurse
  - □ Registered Nurse
  - □ Nurse Practitioner
  - □ Other, please specify \_\_\_\_\_
- 29. What is your gender?
  - □ Female
  - □ Male
  - □ Other, please specify \_\_\_\_\_
- 30. Are you Hispanic/Latino?
  - 🗆 Yes
  - 🗆 No
- 31. What is your race ethnicity? (Select all that apply.)
  - American Indian or Alaska Native
  - □ Asian
  - Black or African American
  - □ Native Hawaiian/Other Pacific Islander
  - $\Box$  White
  - Unknown

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# Survey of Dental Caries Prevention: Nurses Scoring Rubric

This document describes how to score the Dental Survey.

- The survey has 31 questions.
- The demographic and informational questions are not scored.
  - Demographic and informational questions: 1, 2, 17, 24-31
- The scoring for each question is explained below the question.
- The correct answer for each question is high-lighted in yellow.

## **Survey of Dental Caries Prevention: Nurses**

Thank you for taking time to complete this survey. Your confidential answers will be used by the HealthEfficient team to develop continuing education and other intervention programs for nurses and their team members to improve the oral/dental health of the public.

1. In the past year have you had child patients 6 months to 3 years of age present with tooth decay, sometimes referred to as early childhood caries (ECC)?

□ Yes

🗆 No

NOT Scored (informational)

2. In your opinion, what are **three** main challenges a practitioner experiences with a child patient 6 months to 3 years of age who has tooth decay? **(Select THREE)** 

Child is in pain at visit	A
Child has difficult behavioral issues	В
Child does not return for follow-up care	С
Child (parent) is frequently a no-show	D
Parent/caregiver does not follow my instructions	E
Child's teeth always needs cleaning	F
Parent/caregiver does not seem to care about child's oral/dental health	G
I don't feel adequately trained to treat these cases*	Н
Parent/caregiver continues to give sweet drinks in child's bottle or sippy cup	I
Parent/caregiver will not accept the recommended fluoride regimen	J
I don't encounter problems	К
Other, please explain	L
NOT Scored (informational)	

3. How effective do you think each of the following is for preventing tooth decay in children 6 months to 3 years of age?

Effectiveness for Children Age 6 months to 3 years of age	Q#	Not Effective	Somewhat Effective	Effective	Very Effective	Don't Know
Community Water Fluoridation	А					
Dietary fluoride drop/tablets	В					
Fluoride dentifrices	С					
Fluoride varnish	D					
Cleaning infant's mouth	Е					
Toothbrushing without a fluoride	F					
dentifrice						
Routine dental care	G					
Professional prophylaxis	H					
FLOSSING	l					
INFREQUENT SUGAR CONSUMPTION	J					
Silver diamine fluoride	К					
SCORING: Each correct response is scor	ed 1 poin	t. For items	1-4 and 9, res	onses of ei	ther 'Effectiv	<mark>/e' or</mark>

'Very Effective' are correct. Scores can range from 0-9.

- 4. Do you recommend fluoride products (tablets, drops, toothpaste) for patients 6 months to 3 years of age for their home use?
  - □ Yes □ No SCORE: Yes = 1; No = 0
- 5. Do you ask the source of drinking water for your patients 6 months to 3 years of age?

🗆 Yes	
🗆 No	
SCORE	: Yes = 1; No = 0

6. Do you recommend your patients 6 months to 3 years of age drink tap water?

	Yes				
	No				
SC	ORE:	Yes :	= 1;	No :	= 0

- 7. Do you routinely assess dental caries risk factors for your patients 6 months to 3 years of age? (If no, skip to question 9)
  - □ Yes □ No <mark>SCORE: Yes = 1; No = 0</mark>
- 8. Which of the following caries risk factors do you use for your patients 6 months to 3 years of age? (Select all that apply.)

	Frequency of dental visits	A
	Child has special health care needs	В
	Child's exposure to fluoride	C
	Child has tooth decay	D
	Times per day child's teeth are brushed	E
	Socio-economic status of child's parents	F
	Mother's history of tooth decay	G
	Daily between-meal exposures to cavity producing food	Н
	Visible plaque	I
	Presence of enamel demineralization	J
	Other, please explain	К
SC	ORE: Each item selected is scored 1 point. 'Other' = 0. Scores can range from 0-10.	

- 9. Do you discuss with pregnant patients or women of child-bearing age the importance of good oral/dental health and how it may impact the health of their newborn?
  - ☐ Yes ☐ No SCORE: Yes = 1; No = 0
- 10. Do you discuss oral/dental care for a newborn infant with your pregnant patients?

□ Yes
□ No
□ N/A
SCORE: Yes = 1; No = 0; N/A = 0

11. Do you or members of your team provide education about preventing tooth decay to parents/caregivers of children 6 months to 3 years of age? (If no, skip to question 13)

🛛 Yes	
🗆 No	
SCORE:	Yes = 1; No = 0

12. How frequently do you provide education about preventing tooth decay to parents/caregivers of children 6 months to 3 years of age?

At initial visit	А
□ As needed	В
At every visit	C
Other, please explain	D
SCORE: At every visit = 1; all other items = 0	

13. What topics do you include in the education about preventing tooth decay for parents/caregivers of children 6 months to 3 years of age? (Select all that apply.)

Торіс	#Q	Children ages 0-18 months	<mark>Score</mark>	Children ages 19-36 months	Score
Toothbrushing instruction	А		1		<mark>1</mark>
Clean infant's mouth/gums	В		1		<mark>0</mark>
Flossing instruction	С		<mark>0</mark>		<mark>0</mark>
Use of fluoride varnish	D		1		1
Fluoride drops/tablets	E		1		1
Prevention of early childhood caries	F		1		1
Community water fluoridation	G		1		1
Mechanism of fluoride action	Н		1		1
Nutrition/sugar reduction	I		1		1
Use of fluoride dentifrice	J		1		1
HOME FLUORIDE RINSES	К				
Use of silver diamine fluoride	L		1		<mark>1</mark>
Other, please specify	М				

SCORE: Correct responses are indicated in the score column. Score each correct response as one point. 'Other' is not scored. Scores can range from 0 to 22. For item #5 (fluoride drops/tablets), we will need to know if the clinic is in an area with community water fluoridation (CWF). If respondent practices in an area with CWF, not checking this item is correct. If respondent practices in an area without CWF, the item should be checked. Scores can range from 0-22.

14. Is it your clinic policy to provide motivational interviewing to families of young patients?

☐ Yes
☐ No
SCORE: Yes = 1; No =0

15. Is it your clinic policy to set oral/dental health self-management goals with families of young patients?

□ Yes □ No SCORE: Yes = 1; No =0 16. During a typical workweek, how often do you use the following communication techniques with your patients?

	Q#	Always	Most of the time	Occasion- ally	Rarely	Don't Know
Ask patients to repeat back information or instructions	А					
Speak slowly	В					
Limit the number of concepts presented at a time to 2-3	С					
Ask patients to tell you what they will do at home to follow instructions	D					
Use simple language	Е					
Hand out printed materials	F					
Underline key points on print materials	G					
Write or print out instructions	Н					
Draw pictures or use printed illustrations	Ι					
Refer patients to the internet or other sources of information	J					
Ask hygienist, assistant or other office staff to follow-up with patients for post-care instructions	К					
Use video or DVD	L					
Score each response as follows: Always = 3	<mark>; Most o</mark>	<mark>f the time =</mark> :	2, Occasior	nally = 1; Rare	<mark>ly = 0; Don'</mark>	<mark>t Know =</mark>

0. Scores can range from 0 to 36.

17. Some medical providers believe that they can prevent tooth decay among their Medicaid patients. How sure are you that you can prevent tooth decay in these patients?

Very	Somewhat	Somewhat	Very	Don't
Sure	Sure	Unsure	Unsure	Know
Not Scored (I	Informational)			

18. When treating pregnant women, we ask her whether she has had a dental appointment during her pregnancy.

	Most of			
Always	the time	Occasionally	Rarely	
<mark>Score each respons</mark>	<mark>e as follows: Alway</mark>	<mark>s = 3; Most of the tim</mark>	e = 2, Occasionall	<mark>y = 1; Rarely = 0.</mark>

19. When our medical team learns a patient is pregnant, we ask when her last dental appointment was.

		Most of the			
	Always	time	Occasionally	Rarely	
	<mark>Score each response</mark>	as follows: Alway	/s = 3; Most of the tim	e = 2, Occasionally = 1; Rarely	<mark>= 0.</mark>
20.	(Select all that apply	r.)	has not had a dental important for her he	visit, we: alth and her baby's health	A
	□ Refer her to a de	ntist for an appoi	ntment		В
	□ Help her make ar	n appointment wi	th the dentist		C
	□ Other, please exp	olain			D
	For the first three ite	ems, score each se	elected item as 1 poin	<mark>t. 'Other' = 0.</mark>	

21. We recommend women with infants 2 to 3 years of age take their child for dental visits.

	Most of			
Always	the time	Occasionally	Rarely	
Score each response	e as follows: Alway	s = 3; Most of the time	e = 2, Occasionall	<mark>y = 1; Rarely = 0.</mark>

22. We consult with dental providers regarding mutual patients.

	Most of			
Always	the time	Occasionally	Rarely	
Score each respons	e as follows: Alway	/s = 3; Most of the tim	e = 2, Occasionally	/ = 1; Rarely = 0.

23. We have established relationships and a referral process with dental providers.

	Most of			
Always	the time	Occasionally	Rarely	
Score each respons	<mark>e as follows: Alway</mark>	vs = 3; Most of the tim	e = 2, Occasionally	<mark>y = 1; Rarely = 0.</mark>

## Tell us about you.

These demographic questions are not scored.

24. Excluding nursing school, have you ever taken a course on communication skills?

- □ Yes
- 🗆 No

25. How would you rate your nursing school training regarding preventing tooth decay?

- □ Very good
- $\Box$  Good
- □ Poor
- $\Box$  Very poor
- $\Box$  Not sure

- 26. Where did you receive your nursing education?
  - □ In the United States
  - □ Outside the United States
- 27. How many years has it been since you graduated from nursing school?
  - Less than 5 years
  - □ 6-10 years
  - □ 11-20 years
  - □ More than 20 years
- 28. What is your nursing specialty?
  - □ Licensed Practical Nurse
  - □ Registered Nurse
  - □ Nurse Practitioner
  - □ Other, please specify \_\_\_\_\_
- 29. What is your gender?
  - □ Female
  - □ Male
  - □ Other, please specify \_\_\_\_\_
- 30. Are you Hispanic/Latino?
  - □ Yes
  - 🗆 No
- 31. What is your race ethnicity? (Select all that apply.)
  - □ American Indian or Alaska Native
  - □ Asian
  - □ Black or African American
  - □ Native Hawaiian/Other Pacific Islander
  - □ White
  - Unknown

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