

Children's Oral Health Network of Maine

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The Rainbow, the Moose and SDF:

What's New in Oral Health Integration

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Big changes for MaineCare (July 2022)
Comprehensive adult benefit
New dental rates
Maine CDC rebuilding and expanding oral health programs
Restored State Oral Health Coordinator position
Expanding School Oral Health Program to all public schools over next few years
Teledentistry
Authorized by Board of Dental Practice and reimbursable by MaineCare and others











Health Integration Action Team Project Updates

• FTFT – Bruce the Moose pilot



• E-Consults, SDF, & warm handoffs















Video Library Contents

Video / well-child visit	Video Length (Minutes)	Торіс
Introduction	4:46	Introduction to the video library; connections of parent / caregiver oral health to child oral health
2 months	1:47	Importance of caring for baby teeth
4 months	2:09	Caries development / early feeding connections
6 months	2:06	Early oral health homecare practices
9 months	2:21	Caries development / dietary influences
12 months	2:15	Preparing for early dental visits
15 months	2:44	Fluoride
18 months	3:01	Pacifier use
2 years	2:36	Oral hygiene tips for active toddlers
2 ½ years	2:41	Airway issues and their effects on oral health
3 years	2:09	Caring for the supporting structures of the teeth, the gingiva
4 years	2:44	Early caries detection, parent /caregiver role
5 years	1:59	What to expect looking forward / permanent dentition







Ø	of Maine	ll Health Video Series for Parents/Caregivers: Ages 0-5		AND AND AND	Children's Oral Health	Introduction
Age		Key Points *Your child's dental health begins with yours *Be sure to take care of any dental needs you might have *Be very cautions of saliva and bacteriail transmission with your baby, and make sure to tell all		HINNE AND	Network of Maine	
(Prenatal)		people who have contact with your baby too		HEALTHY PAL		•-xasiraz
2 months	Importance of baby teeth	*Baby teeth are as important as adult teeth to care for *Decayed baby teeth can negatively affect overall health as well as the health of adult teeth		2 months	4 months	6 months
4 months	Cavity development/ feeding patterns	*Make a good practice of limiting frequency of exposure to carbohydrates *Only have milk bottles at meals, and never send your child to bed with milk in a bottle				
6 months	Early homecare	*It is never too early to introduce healthy mouth habits to your baby *Begin brushing and flossing daily as part of a healthy oral hygiene routime *Children will need help brushing and flossing effectively until they are around the age of 7-8				
9 months		*Limiting frequency of exposure to carbohydrates reduces decay risk *Sources of carbohydrates include candy, cakes, cookies, snack crackers, breads, and sweetened liquids "Denailly healthy snack choices include fresh fruits (except citrus fruits that are highly acidic), veatables, chece, cottage chese, low-sugar vogart, and peanul butter.	COME	9 months	12 months	15 months
12 months	Preparing for early dental visits	Prepare your child for their first dental visits by sharing with them all the fun and exciting new things they will experience "Keep a positive attitude when discussing their dental appointment's so they will enter the appointment with expectations of a welcoming. comfortable environment				
15 months	Fluoride	*Flooride supports strong teeth and cavity prevention "Check the fluoride course in your drinking water and talk with your healthcare provider about supplementation if it is too low "Fluoride containing dental homecare products are important to use but should be used carefully to ensure yourg califiedra are not swallowing them	TO OUR			
18 months		*Long-term use of pacifiers can cause facial development issues *Plan to stop pacifier use by age 2 *Plake extra care to ensure the transition is as positive for your child as you can	TABLE!	18 months	2 years	2.5 years
24 months		Regular oral hygiene routines can be very challenging with active toddlers "Employ creative techniques to make daily oral hygiene a fim and welcome experience for your child "Refrain from negativity and threatening tones that can make the experience more challenging				
30 months	Dental issues connected to breathing	*Chronic mouth breathing can negatively impact your child's health *Observe your child to determine if they are breathing through their mouth or nose *If your child is mouth breathing, schedule an appointment with your health provider				
36 months		Plaque must be removed frequently to prevent tartar build-up *Tartar requiries removal by a dential hygienist *Plaque and tartar can contribute to gum disease *Effective brushing and flossing can limit plaque and tartar		3 years ■	4 years	5 years
48 months	Early cavity detection	*Although prevention of cavities is ideal, sometimes cavities still occur *Catching cavities in their early stages can limit the amount of treatment needed *As a parent, your daily look at the child's teeth can be very helpful in early cavity detection				
60 months		"Your child will get their first adult toolt around ase 6 "Continued excellant brushing and Dorsing will help keep these adult teeth healthy "Help your child adjust their oral health routine to accommodate these new teeth and take extra care around areas that might be seen due to new teeft coming in "Regular dential check-up are important and your child"s health team can continue to be a great resource as your (add grows)	V	VELL-CHILD VISITS:	Follow the QR code to the ENGLISH Dental	Steps for ME oral health video

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Current Use



- Manufacturers instructions are reflective of use as a dentin desensitizer
- In 2017 (updated 2018) the American Academy of Pediatric Dentistry published a guideline for practitioners to use SDF for dental caries management
- Encouraged off label use for caries arrest
- Clinical trials are currently underway, and it has been granted "breakthrough" status to allow for this off-label use
- Most widespread use, especially in primary dentition, is caries arrest

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Who uses it?

- Virtually all pediatric dentists are using SDF in some capacity in their practices
- 50-60% of general dentists are utilizing SDF
- It has been critical in stabilizing children who require sedation for definitive care
 - Wait times in Maine can be anywhere from 6 months to 2 years for definitive treatment
 - Maine has had a provider shortage that was well known even prior to COVID and this has been especially apparent in specialty settings

Does it Work?

- The recently published JAMA article by Ruff et al. showed that SDF is actually more effective in **arresting** and **preventing** caries than traditional glass ionomer protective restoration, sealants, and fluoride varnish interventions currently used in many school based oral health programs
- Gao 2016 meta-analysis showed "the proportion of caries **arrest** on primary teeth treated with different application protocols (1 application, annual, and biannual), and followed from 6 to 30 months, was 81%"
- Chibinski and colleagues (2017) reported that the "caries **arrest** at 12 months promoted by SDF was 66% higher (41%–91%) than by other active material, but it was 154% higher (67%–85%) than by no treatment."
- Oliveira and colleagues-evaluated caries **prevention** for primary teeth and concluded that, "when compared with placebo at 24 months or more, SDF decreased the development of dentin caries lesions in treated and untreated primary teeth with a preventive fraction of 77.5%"



Caveats

- Dark black staining of the lesion is expected, may slightly fade over time but will always be dark unless restored
- Larger teeth (permanent vs. primary teeth), larger lesions, and poor oral hygiene all play a role in success and multiple applications in a year may be necessary
- Generally, not recommended on teeth that are symptomatic such as:
 - Any notable swelling around the tooth
 - Tooth is painful to pressure
 - Wakes the patient up at night
 - Refuses to brush or eat on that side













What do you need

- SDF
- Dappen Dish
- Microbrush/brush
- Cotton rolls or gauze
- Topical Fluoride Varnish
- Eye protection
- Bib/barrier for clothing



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Teeth should be generally dry, use gauze to

Cotton rolls or extra gauze can be helpful

varnish, be sure you are applying BEFORE

you apply varnish as the varnish creates a

taste and can be applied earlier than one

barrier the SDF won't be able to penetrate

to retract the tongue for lower teeth

Fluoride varnish is helpful to mask the

minute if the patient is wiggly or

 It should sit for 1 minute after being placed then covered with a fluoride

dry off teeth well

uncooperative

Application Technique



