Risk-Based Disease Prevention and Management of Early Childhood Caries (ECC)



Partnership between families and care providers

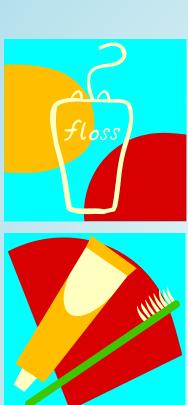
FLIPCHART







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| en YOU and US |
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| oves of Teeth |
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| Diet \rightarrow Healthy Bodies |
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Using Fluoride toothpaste and Stannous Fluoride can stop cavities

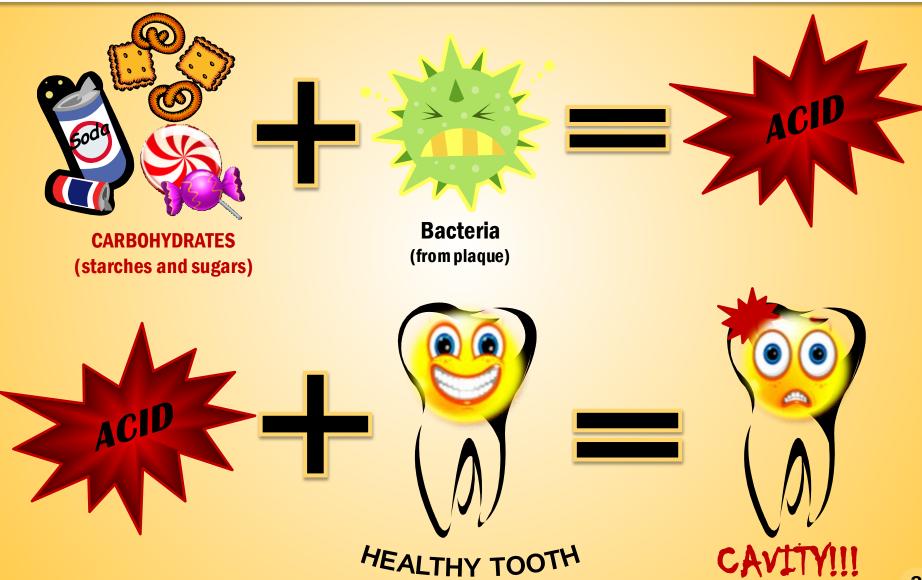
How much Fluoride toothpaste?

Applying Fluoride Varnish

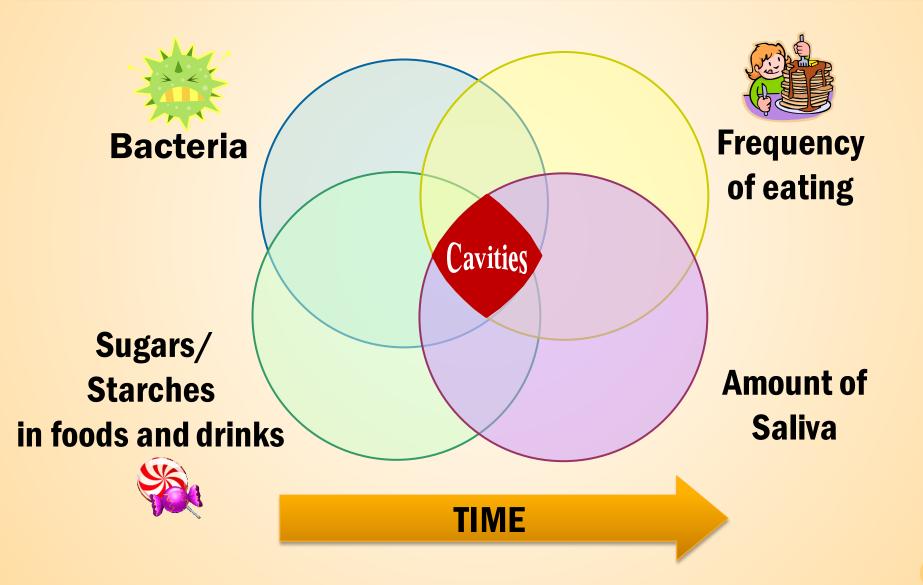
Acknowledgements

Stannous Fluoride and Xylitol Products

How does a CAVITY form?

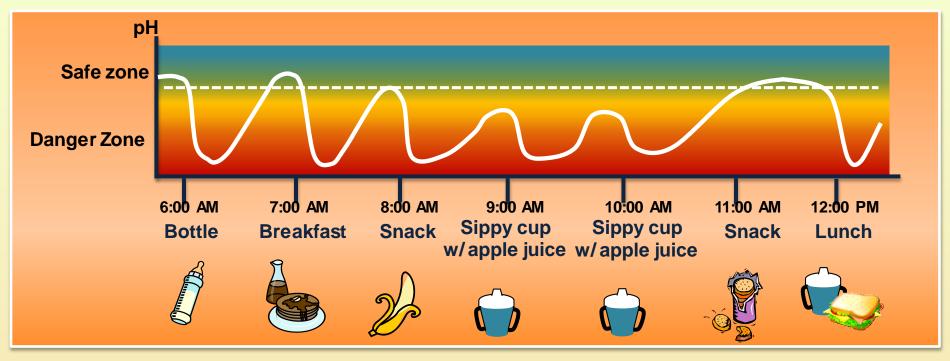


Cavities: Multiple Factors are Important



Why Do Cavities Form?

It's not just WHAT, but HOW, and HOW OFTEN!



After a starchy or sugary snack, bacteria in our mouth make acids that last for 20-40 minutes after.

The more often we eat or drink sugars or starches, the greater the risk for cavities to form (danger zone).

Early Childhood Cavities



Normal Healthy Primary Teeth







Chalky
White Spots







Brown Spots







Severe cavities (Decay)







Preventing Cavities is a Partnership between YOU and US



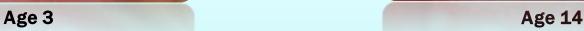
With good control of the cavity process at home

Age 2







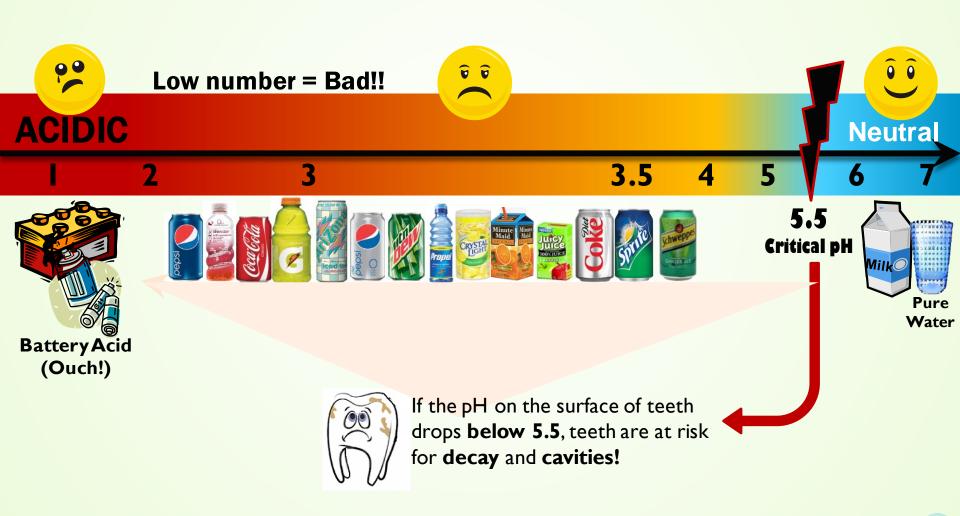




Cavities can be repaired but fixing them **ALONE** does not prevent new ones!

SODA and JUICE = ACID

pH Scale - Measures the Amount of Acid



100% Natural Juice = 100% Sugar



Even in 100% natural juice with no added sugar, there is still sugar because fruit naturally contains sugar. It is better to eat fresh fruit or drink water.

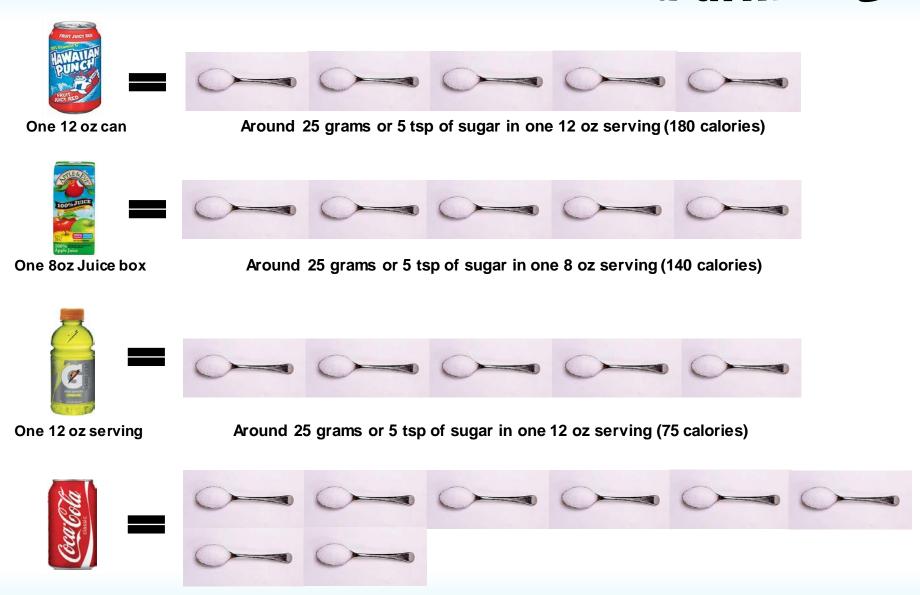


How much sugar is in your child's favorite drink?





How much sugar is your child drinking?



Around 39 grams or 8tsp of sugar in one 12 oz can (140 calories – all from sugar)

One 12 oz can

Some High Risk Foods and Drinks

Cavity Producing Score



"All things in moderation"



Sugar in Cereals

Cereals **high** in sugar



| Cereal | Sugar per serving* (g) | Sugar amount (by weight) |
|--------------------|------------------------|-----------------------------|
| Raisin Bran Crunch | 20 | 38% |
| Cocoa Puffs | 12 | 44% |
| Froot Loops | 12 | 41% |

^{*1} serving = 3/4 - 1 cup

Cereals low in sugar



| Cereal | Sugar per serving* (g) | Sugar amount (by weight) |
|----------------------------|------------------------|-----------------------------|
| Cheerios | 1 | 4% |
| Corn Flakes | 2 | 7% |
| Shredded Wheat Original | 0 | 0% |

Better for the teeth!!



Chewing Gum



Gum with sugar



Sugar-free gum





Sugar-free gum and sugar-free gum sweetened with **xylitol** has been shown to reduce plaque acid and tooth decay

Only gum with the **ADA seal** are sugarless



Gummy/Sticky Snacks in Grooves of Teeth



Chewy candy



Dried fruit







Sugar Per Serving: 3g

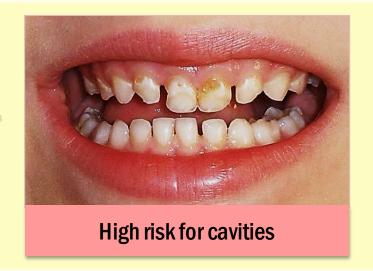


Sugar-sweetened Medicines

taken often or regularly



Frequent doses





After each dose,



drink water and/or brush teeth to get a



Healthy, clean, cavity-free smile

Medicines that Cause Dry Mouth

- Some common medications can increase the risk of cavities by drying your child's mouth (decreases saliva flow).
- Examples include **oral inhalers** (asthma meds, ex. albuterol) and **anti-histamines** (allergy meds)



Solution:

- Keep taking the medications as advised BUT also brush your child's teeth with fluoride toothpaste and ensure your child drinks water often.
- If you have any questions, ask your doctor if the medications your child is taking puts him or her at risk for dry mouth.

Oral Health for Children with

Special Needs

 Medicines, special diets, and oral motor habits can increase the risk of oral health problems for many children with special needs, such as:



- Cavities
- Gum disease
- Crooked teeth
- Trauma to teeth
- Tooth pain



Keep a water bottle at the bedside

Knee to Knee Position



- Allows infants, toddlers and children with special health care needs to be safely examined.
- Helps to see the teeth better
- Makes it easier for child to hold still and keep mouth open

Bottles and Sippy Cups: It's what's inside that counts



Only water to bed



No more than 4 oz juice once each day



Breastfeeding











Tooth brushing





Lift the Lips



Tips for Brushing Teeth

- Approach child from behind
- Use a small,soft-bristled toothbrush
- Brush teeth for 2 minutes
- Lift the lip to brush along the gum lines
- Concentrate on the back molars which are prone to cavities
- Brushing doesn't have to take place in the bathroom
- Help with brushing until age 7



Show that tooth brushing can be fun!



Flossing 🕠



Waxed or unwaxed



Tips for Flossing Teeth

- Start flossing your child's teeth once a day as soon as the teeth touch
- Floss from behind your child
- Floss sticks or picks may be easier to use instead of regular string floss



Flosser



Fluoride Cavity Protection

Available from many sources

Fluoridated Water



Fluoride Toothpaste and Rinses



Fluoride Varnish



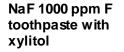
Fluoride Supplements

0.25mg & Colgate 0.5mg F PreviDent® 1.7% Sodium Flu
5000 PLUS® PRUMASTRE chewable tabs





squigle





NaF 5000

ppm F > 6

years of age

Stannous fluoride 1000 ppm F



Calcium and phosphate +/- F-

Choices of Toothpaste







Cavity Protection

NO Fluoride Protection

PROTECTION



How much FLUORIDE toothpaste?



<2 years old







2 - 5 year olds

PEA-SIZE



WAIT 30 minutes before eating or drinking and no rinsing!



Using Fluoride toothpaste or stannous fluoride can stop cavities!





Cavities that have stopped growing!





Important: Wait 30 minutes before eating, drinking or rinsing after brushing with fluoride toothpaste or stannous fluoride (Gel-kam).

Stannous fluoride and Xylitol Products with and without fluoride

erfect cavity-fighting With cands ## Herbo ingredient reduces fluoride acidic Just tw e a day can stop decay Ename Savity-Fighting Lollipop 36% Xvlitol • Fluoride CariFree ** Xyli-Tots Tooth Gel GRAPE GIGGLES Tooth Gel for Babies Yum Yum BRANAM Bubblegum Made with Xylitol Baby NO FLUORIDE - NO SLS - NET WT. 5.0 0Z (140g) fluoride

Stannous fluoride (ex. Gel-kam) can kill the bacteria that cause cavities



Applying Fluoride Varnish











Dry the Teeth

Brush Varnish on ALL surfaces

After a Varnish Application:



Wait until the next day to:

- Brush or floss teeth
- Eat hard, crunchy, sticky, foods (fruit snacks, Doritos, pretzels)
- Drink hot liquids





Acknowledgements

Risk-Based Disease Prevention and Management of Early Childhood Caries (ECC)

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This flip chart was developed with the intent to help Care Providers communicate more effectively with children and families about preventing and managing early childhood caries. Dental caries is almost entirely preventable if families know how to control risk factors and enhance protective factors. Working in partnership, care providers and families can optimize the oral health of children.

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