

BABY TEETH MATTER MINIMALLY INVASIVE DENTISTRY: LESSONS LEARNED



Dr. Bonnie Bruerd, NTDSC

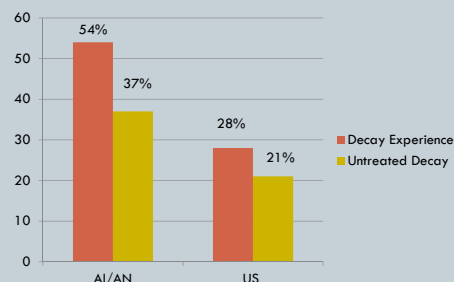
PANEL:

Dr. Emily Wineland, NARA

Dr. Denny Homer, Shoalwater Bay

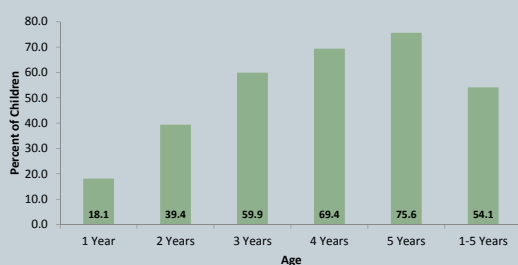
Northwest Tribal Dental Support Center
ARCORA- The Foundation of Delta Dental of Washington

Just the Facts: 2-5 year olds



Two is Too Late!

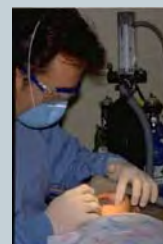
Percent of AI/AN Children with Decay Experience by Age, 2014



Treatment alone does not stop ECC

□ IHS has estimated that it costs thousands of dollars to treat each child with ECC and \$8,000 or more if they are treated under general anesthesia.

□ 40-50% of children treated with severe ECC have new decay within 4-12 months.



Assumptions

•ECC is both preventable and manageable if we can see children regularly beginning soon after the first tooth erupts.

•IHS/Tribal dental clinics are the best dental home for young children and dental treatment under general anesthesia should be avoided if possible.

New FDA Safety Warning

□ The U.S. Food and Drug Administration (FDA) is warning that repeated or lengthy use of general anesthetic and sedation drugs during surgeries or procedures in children younger than 3 years or in pregnant women during their third trimester may affect the development of children's brains.

Baby Teeth Matter: Objectives

- Increase the number of 0-5 year olds who receive dental access, with an emphasis on 0-2 year olds.
- Increase the number of 0-5 year olds who receive comprehensive dental care at their IHS/Tribal dental program.

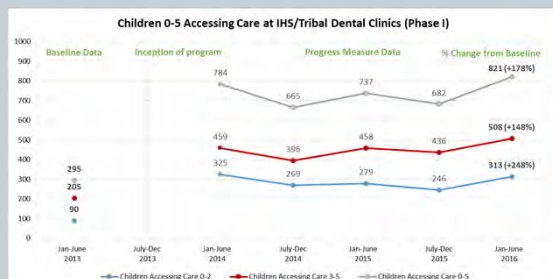


Baby Teeth Matter: 12 Dental Programs

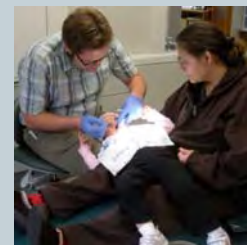
Swinomish	Seattle IHB
Puyallup	Siletz
Grand Ronde	Lummi
Port Gamble	Lower Elwha
Lake Roosevelt	NARA
Shoalwater Bay	Nisqually



Three Year Results



What Works?



Minimally Invasive Dentistry

- "Treat" while spot lesions and incipient dental caries with fluoride varnish and sealants
- Use silver diamine fluoride to arrest caries (no rinse)
- SMART: silver plus glass ionomers
- Hall Crowns

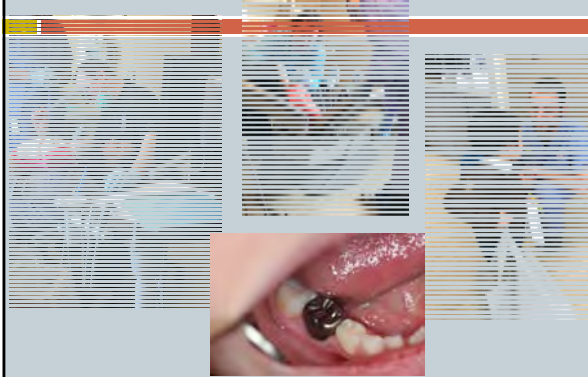


Minimally Invasive Dentistry

- Variations on the knee to knee technique
- Distraction is key.
- Keep your cool☺
- Building this relationship early on makes for a more cooperative 3-4 year old dental patient.



MID Course



Baby Teeth DO Matter!



Panel Presentation

- *It (BTM and minimally-invasive dentistry) has increased our access to care for 0-5 yrs olds. I approach dental treatment on children with a better understanding of caries disease and prevention in mind. I think parents and families see and appreciate this. We definitely see more families interested in bringing in their children because they know that they will be treated with care. Overall, I believe that we are providing excellent care in a non-threatening approach that boosts moral for the kids and dental staff involved.*
- Dr. Ryan Davis, Grand Ronde
- Increased access from 38 to 208 0-5 year olds for a 6 month period and 0 referrals in past 6 months

Dr. Emily Wineland, NARA

- Increased access from 38 to 208 0-5 year olds for a 6 month period and 0 referrals in past 6 months



Dr. Denny Homer, Shoalwater Bay

- This dental program refers virtually no children to private pediatric dentists.

