DENTISTRY FOR CHILDREN ON THE AUTISM SPECTRUM

Autism One Conference- May 27th, 2011

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Topic #1: Nursing Bottle Decay

This is the greatest threat to your child's teeth by far. Stepping on repaing with a battle of the or pice very othern will cause a rand decoping of the upper front teeth. The decay starts from the back (torigue said) of the teeth and by the time a parent roleces that there is a protein, the teeth are very sericity decayed neguring crows and nerve freatments to save them. The very to avoid NBD is to always hold your child the freatments to the NBD is a parent protect and the same transmission of the parent faceting for very teng periods of the (hours) can also result in extensive decay. To avoid this situation, do not allow a child to tail asleep at the transmission of 100 of 15 minutes per side.

Topic # 2: Juice/ "Sippy Cup"

After NBD, the next greatest threat to the health of your child's teeth is the over consumption of Juco, especially via use of the "sppy oup," All forms of Cogni Suns, "Jucy Juco", etc., are a perfect medium for both decay with a pH will below 5.5 and chock full of sugar. "Natural" juice affords very little protection since it is both acids and sweet.

The "sippy cup" further complicates matters. Many toddlers do not always swallow what they put into their mouths, instead, they let the contents of the sippy cup" sith heir mouths, to rong periods of time which lues the decay process. The best way to avoid the "sippy cup" related decay issue is to use a sippy cup" with juice only at media and put water in the sippy cup



| Topic # | 4: Snacks That Are Not Cariogenic (do not cause tooth decay) |
|---|--|
| Chips (all kinds) | |
| Real fruit (apples, bana | nas, grapes, oranges- not fruit snacks and the like) |
| Crackers | |
| Pretzels | |
| Cheese | |
| Carrots | |
| Celery with cream chee | se |
| Nuts (if no allergies or o | copper issues) |
| lce Cream (since it mel | ts in the mouth and does not stick to the teeth) |
| Cookies can cause tool cookies can be brushed tenaciously to the natu | th decay, but are better than "gummies" and fruit rollups since d off the teeth, whereas "gummies" and fruit rollups slick ral crevices of the teeth |
| × 715 | |

Topic # 5: Toothbrushing

Toothbrushing helps prevent gum disease, but it is **not** as important as diet in preventing tooth decay. Also, toothbrushing will not remove plaque from between the teeth- only dental floss will perform this critical function which significantly cuts down tooth decay between the teeth.



Topic # 6: Sealants

Sealants are often applied to the biting surfaces of the 6 year molars and 12 year molars to prevent the most common type of both decay, harnely decay that starts in the natural caceta (bits and itsources) of the permanent back (mapping) between the natural caceta (bits and itsources) of the permanent back (mapping) between the natural caceta (bits and bitsources) of the permanent back (mapping) between the natural caceta (bitsources) of the backs where please in the order of the natural caceta (bitsources) of the backs where please in the order of the natural start canking in the second the backs caceta (bitsources) be drawn surfaces the second and be cooperative for sealarts to be drawn surfaces the second back (bitsources) and the second back (bitsources) and the sealant will stick so a child must be cooperative for sealarts to be drawn surfaces the second back (bitsources) and the second back (bitsources) and the sealant will stick so a child must be cooperative for sealarts to be drawn surfaces the second back (bitsources) and the sealant will be been be an expected by the second back (bitsources) and the sealant will be been be an expected by the back of the back of





Topic # 8: What If My Child Needs Dental Treats But Won't Cooperate?

The following is a very common question: What if my child needs denta treatment and cannot cooperate for treatment in the office using local anesthetic (nonocaine)?

Young children can sometimes be restrained for short procedures, but, in general, older, larger children and children requiring extensive dental care are sectaded or treated under general anesthesia. If an experienced dental anesthesicologist is available and the child is health, then treatment can sometimes be done in a dentatic office. Many times, however, this is not hospitals often have dental departments that specialize in providing this topsitals often have dental departments that specialize in providing this topsitals often have dental departments that specialize in providing this topsital with head dental departments that specialize in providing this providiances are done to an outpatient basis depart of the served. You can proceedures are done on an outpatient basis depart of the served not required (there are some exceptions).

It is important to know how your insurance works and any pertinent laws that your State may have enacted with respect to dental treatment performed under general anesthesia.

Topic # 8: What If My Child Needs Dental Treatment, But Won't Cooperate? (Continued)

In liftings, a law was passed in 2003 that states that for all children 6 years and younger and for all patients with a developmental disability, treatment under general anesthesis performed in a hospital satiting, carring be denied as a covined medical expense pessibly on the basis that [] is of ordering and the second second second second second second and order and the second second second second second second in litings about 35% are exempt from this law, but it still applies to about 56% of the insurance carriers in the State. For more information about these type of legal provisions, contact you State Dental Association. The best when the second second

Regardless of the laws in your State, if "modical necessity" can be established for dental treatment, under general anesthesia, coverage has to bronzense company that such treatment is indeed "findial to convince the insurance company that such treatment is indeed "medically necessary" and letters from your pediatricition, pediatric dents, and any other medical specialist involved in the care of your child will be necessary to obtain the insurance company's approval.

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Topic # 9: Selecting A Dentist For Your Child

Tart used toward a photalinic derived since this is my specially. However, not all communities have a packating derived and used in the photometer may not all communities have a packating derived and the photometer had learorable separances over a long period of time or if your pedatricion will make a referal luvouri recommend calling the derived splitce and will make a referal luvouri recommend calling the derived splitce and that only the deciric can answer. I do not think it is unreasonable to request that the pedatric denities of your at any using convenient time, perhaps in the serving to address your concerns. If the denities officies of the denities of the pedatric denities in perhaps the sign to go to the next aname of your's this. Service. In the perhaps has a sign to go to the next

shout the nearest pediatric dentist be too far away, I would seek a general dentist with extensive experience treating children and ask which pediatric dentist he or she works with in the event a referral is necessary. For help in locating a pediatric dents to orthodontist or other dental specialist, contact your State Dental Association or the American Academy of Pediatric Dentistry or the American Association of Orthodontists.

Topic # 10: Controversial Topics

- Silver airralgam fillings: Traditional silver fillings are composed of a combination of silver, mercury, and other metisk. Nany people believe that there is enough evidence to support the avaidance of silver airralgam fillings incohine como the antifitings per sublishes and arrows. You do so composition to other the antifitings of the silver airralgam fillings should be avoided in all believe that, as a precaution, silver airralgam fillings should be avoided in all women who are either pregnant, nursing, or in their child bearing years.
- 2) There have been many reports of problems associated with use of antibiotics inclutien on the autism spectrum. Therefore cautions recommended in using antibiotics in dentisity as follows: (a) if possible, avoid antibiotic heragy. (b) intellibidics must be utilized, be avaient which and consider the use of problems along with the antibiotic to avoid G1 problems. For information about problems are used.

Topic # 10: Controversial Topics (Continued)

- 3) If your child is on a casan free diet and drinking such cow's mik substitutes as rice mik, soy mik, or hazelut mik, be avare that these products may contain more sugar than cow's mik and can be very "retentive." Rice mik, for example, can be more difficult to truch of the teet than regular mik. Parents and other care gives need to be avere of this and brush her nor mik can be very difficult with very the teet than regular mik. Parents and other care gives need to be avere of this and brush her nor mik can be very difficult with very the very teet to be avere of this and brush her normal were were and an very difficult were the care of the source of the source
- 4) The use of fluoride for children on the autism spectrum may be viewed differently from a dentist's perspective and a parents point of view. Many believe that all the science/has not been done with respect to fluoride and children on the spectrum with detoficiation issue. If you are not confortable with the use of fluoride in your child's preventive dental care, the state of the spectrum with entry fluoride and the state of application of topical fluoride for children susceptible to decay is considered the standard of care.

Treating The Patient With Special Needs In The Orthodontic Practice

Autism One Conference - May 27th, 2011 Pamela J. Johnson D.D.S, M.S.



• Defining Disabilities o The Numbers

- Oral Health And The Special Patient
- o Dental Concerns
- Access To Care
- Choosing An Orthodontist
- Professional Affiliation Resources
- Your First Orthodontic Visit
- The Orthodontic Office
- Adaptive Techniques

Defining Disabilities

The Americans with Disabilities Act (ADA) of 1992 defines a disability as "a physical or mental impairment that substantially limits one or more major life activities such as caring for one's self, performing manual tasks, walking, seeing, hearing, speaking, breathing, learning and working."

Journal American Dental Association 1996: 127; 1406-1408

The Numbers

There are currently 54 million people in the United States living with some type of disability. Seventeen percent of children under 18 have a developmental disability.

The Dent. Assist. 2005 Sept-Oct; 74 (5): 24, 26-27



Dental Concerns Variations in the eruption, number, size and shape of teeth Bad bites (Malocclusions) ontes (Malocclusions) Under-mineralized enamel Decayed enamel motor coordination Inability to naturally cleanse the tongue, brush or floss Oral trauma ts Mouth breathing (Dry's up the saliva causing swelling and redress of the gums) Pocketing food in the cheeks Ial diets and medications Pareed foods Sweetlened medications (Contribute to tooth decay) Anti-seizure medications (Contribute to ginglival overgrowth and Anti-seizure medications) Sedetive drugs (May reduce flow of saliva that protects the teeth)

The Dent, Assist, 2008: Nov/Dec: 6-9



- privileges?

www.braces.org

Your First Orthodontic Visit

- Thorough review of the medical/dental history: Behavior management problems?
- Oral motor sensory issues? May be unable to tolerate certain appliances in the mouth
- Gross motor problems
- Fine motor problems
 - Unable to brush thoroughly around braces or appliances
- O Unable to hook up rubber bands, headgear
 O Unable to properly place retainers in the mouth
- Speech problems
- Speech therapy?



Your First Orthodontic Visit (Continued)

- Are certain appointments scheduled for longer periods of time?
- Are appointments scheduled during non-busy hours?
- Are longer appointments divided into several shorter appointments?
- Is an office tour given at the initial visit?
 Does the office have private and non-private
- rooms?
- Is the facility ADA compliant?



Is The Office Environment Personalized, Comfortable, and Inviting?







