

## Is Tongue Tie the root cause of Chronic Childhood Disease?

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### Abstract

‘Ten to twenty million children and adolescents in the United States have a chronic illness or disability. Chronic refers to a health condition that lasts anywhere from three months to a lifetime.’ Source AAP

Dental caries is the number one chronic childhood disease, the tongue is a key player in maintaining balance and harmony of the mouth. When we treat this chronic childhood disease and observe patients who are manifesting this disease, it just makes sense to look under the tongue and ensure that the root cause of the disease is not missed. In the presence of a tongue tie the suboptimal function of the tongue may predispose the child to dental decay factors which range from simple lack of self-grooming ability, holding food in the mouth due to improper chewing to complex sleep disordered breathing which typically present as difficult dental patients due to airway issues and or other behavior issues. Parents of these children may seek out laser dentistry due to minimally invasive practices and the gift we may give them is a solution to a painful problem they have been living with until the discovery of Ankyloglossia.

Asthma and GI disorder are chronic childhood diseases, both increase the risk for dental decay when using CAT. As a laser dentist my training and knowledge may be the source of information to diagnose and treat what may serve as the root cause of systemic disease. The tongue, a muscular hydrostat serves an important role in the anatomy and physiology of the alimentary and respiratory systems. Current medical knowledge has accepted a gut brain linkage and advocates the importance of proper nutrition especially during the first 1000 days for optimal neurodevelopment. Childhood diseases such as POTS and PANDAS are being healed using specific and targeted gut therapy. Impaired tongue function may be affecting the development and thrival of a growing brain.



### Biography:

Dr Saadia Mohammed is a board certified pediatric dentist in private practice for 20yrs. She received her specialty training at University of Connecticut and her Fellowship in Pediatric Dentistry at Yale New Haven Hospital and Children’s Medical Center in Hartford, Connecticut with the Craniofacial team there. Her General Practice residency was at Mount Sinai Medical Center, Miami Beach. During her dental schooling at New York University, she was awarded the Dean’s Research Award and was in the Honors Clinic and the Orthodontic Honor’s Program. A member of the Academy of Breastfeeding Medicine, the American Academy of Pediatric Dentistry and American Academy of Pediatrics, and the International Association of Tongue Tie Professionals, the Academy of Applied Myofunctional Sciences, and the Academy of Laser Dentistry. She is also a fellowship certified Biolase trainer and a certified myofunctional therapist. Dr. Saadia treats lip-ties and tongue-ties painlessly and quickly in her office, using advanced laser technology that offers exceptional results and speeds healing without the need for pain medication. Dr. Saadia believes in EBSP (evidence based patient specific protocol).

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