

Journal References for Power Point Presentation

Mouth and Airway Development, Disorders, Assessment, and Treatment: Birth to Age 7

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- Abreu, R.R., Rocha, R.L., Lamounier, J.A., & Guerra, Â.F.M. (2008a). Prevalence of mouth breathing among children. *Jornal de pediatria*, 84(5), 467-470.
- Abreu, R.R., Rocha, R.L., Lamounier, J.A., & Guerra, Â.F.M. (2008b). Etiology, clinical manifestations and concurrent findings in mouth-breathing children. *Jornal de pediatria*, 84(6), 529-535.
- Acevedo, A.C., da Fonseca, J.A.C., Grinham, J., Doudney, K., Gomes, R.R., de Paula, L.M., & Stanier, P. (2010). Autosomal-dominant ankyloglossia and tooth number anomalies. *J Dent Res*, 89(2), 128-132.
- Adair, S.M., (2003). Pacifier use in children: A review of recent literature. *Pediatr Dent*, 25(5), 449-458.
- Alcock, K.J., & Krawczyk, K. (2010). Individual differences in language development: Relationship with motor skill at 21 months. *Dev Sci*, 13(5), 677-691.
- Alexander, R. (1987). Oral-motor treatment for infants and young children with cerebral palsy. *Semin Speech Lang*, 8(1), 87-100.
- Allanson, J.E. (1997). Objective techniques for craniofacial assessment: What are the choices?. *Am J Med Gen* 70(1), 1-5.
- American Speech-Language-Hearing Association (2004). Evidence-Based Practice in Communication Disorders: An Introduction [Technical Report]. Available from www.asha.org/policy
- Amir, L.H., James, J.P., & Donath, S.M. (2006). Reliability of the Hazelbaker assessment tool for lingual frenulum function. *Int Breastfeed J*, 1(1), 3-6.
- Aniansson, G., Alm, B., Andersson, B., Håkansson, A., Larsson, P., Nylén, O., Peterson, H., Rignér, P., Svanborg, M., Sabharwal, H., et al. (1994). A prospective cohort study on breast-feeding and otitis media in Swedish infants. *Pediatr Infect Dis J*, 13(3), 183-188.
- Arens, R., McDonough, J.M., Corbin, A.M., Rubin, N.K., Carroll, M.E., Pack, A.I., ... & Udupa, J.K. (2003). Upper airway size analysis by magnetic resonance imaging of children with obstructive sleep apnea syndrome. *Am J Respir Crit Care Med*, 167(1), 65-70.
- Arvedson, J.C. (2008). Assessment of pediatric dysphagia and feeding disorders: Clinical and instrumental approaches. *Dev Disabil Res Rev*, 14, 118-127.
- Audag, N., Goubau, C., Toussaint, M., & Reychler, G. (2017, Jun). Screening and evaluation tools of dysphagia in children with neuromuscular diseases: A systematic review. *Dev Med Child Neurol*, 59(6), 591-596.
- Badin, P., Bailly, G., Reveret, L., Baciú, M., Segebarth, C., & Savariaux, C. (2002). Three-dimensional liner articulatory modeling of tongue, lips and face, based on MRI and video images. *J Phon*, 30(3), 533-553.
- Bagdade, J.D., & Hirsch, J. (1966). Gestational and dietary Influences on the lipid content of the Infant buccal fat pad. *Proc Soc Exp Biol Med*, 122(2), 616-619.
- Bahr, D., & Banford, R. J. (2012). The oral motor debate part III: Exploring research and training needs/ideas. *Oral Motor Institute*, 4(1). Available from www.oralmotorinstitute.org.
- Bahr, D.H. (2003). Typical versus atypical oral motor function in the pediatric population: Beyond the checklist. *ASHA SIG 13 Perspectives on Swallowing and Swallowing Disorders (Dysphagia)*, 12(1), 4-12.
- Bahr, D., & Johanson, N., (2013). A family-centered approach to feeding disorders in children (birth to 5-years). *ASHA SIG 13: Perspectives on Swallowing and Swallowing Disorders (Dysphagia)*, 22, 161-171.
- Bahr, D., & Rosenfeld-Johnson, S. (2010, May). Treatment of children with speech oral placement disorders (OPDs): A paradigm emerges. *CDQ*, 31(3), 131-138.
- Ballard, J.L., Auer, C.E., & Houry, J.C. (2002). Ankyloglossia: Assessment, incidence, and effect of frenuloplasty on the breastfeeding dyad. *Pediatrics*, 110(5). 1-6.
- Barcelo, X., Mirapeix, R.M., Buges, J., Cobos, A., & Domingo, C. (2011, Oct). Oropharyngeal examination to predict sleep apnea severity. *Arch Otolaryngol Head Neck Surg*, 137(10): 990-996.

- Barlow, B., Santulli, T.V., Heird, W.C., Pitt, J., Blanc, W.A., & Schullinger, J.N. (1974). An experimental study of acute neonatal enterocolitis--The importance of breast milk. *J Pediatr Surg*, 9(5), 587-595.
- Barros de Arruda Telles, F., Ferreira, R.I., Magalhaes, L., & Scavone-Junior, H., (2009). Effects of breast- and bottle-feeding duration on the age of pacifier use persistence. *Braz Oral Res*, 23(4), 432-438.
- Behlfelt, K., Linder-Aronson, S., McWilliam, J., Neander, P., & Laage-Hellman, J., (1989). Dentition in children with enlarged tonsils compared to control children. *Eur J Orthod*, 11, 416-429.
- Ben-Bassat, Y., & Brin, I. (2003). Skeletodental patterns in patients with multiple congenitally missing teeth. *Am J Orthod Dentofacial Orthop*, 124(5), 521-525.
- Bertrand, F.R. (1968). The relationship of prolonged breast feeding to facial features. *Cent Afr J Med*, (10), 226-227.
- Bhattacharjee, R., Kheirandish-Gozal, L., Spruyt, K., Mitchell, R.B., Promchiarak, J., Simakajornboon, N., ... & Marcus, C.L. (2010). Adenotonsillectomy outcomes in treatment of obstructive sleep apnea in children: A multicenter retrospective study. *Am J Respir Crit Care Med*, 182(5), 676-683.
- Bishara, S.E., Warren, J.J., Broffitt, B., & Levy, S.M. (2006). Changes in the prevalence of nonnutritive sucking patterns in the first 8 years of life. *Am J Orthod Dentofacial Orthop*, 130(1), 31-36.
- Bobath, B. (1971). Motor development, its effect on general development, and application to the treatment of cerebral palsy. *Physiotherapy*, 57(11), 526-532.
- Bobath, K. (1971). The normal postural reflex mechanism and its deviation in children with cerebral palsy. *Physiotherapy*, 57(11), 515.
- Bonuck, K.A., Chervin, R.D., Cole, T.J., Emond, A., Henderson, J., Xu, L., & Freeman, K. (2011). Prevalence and persistence of sleep disordered breathing symptoms in young children: A 6-year population-based cohort study. *SLEEP*, 34(7), 875-884.
- Bonuck, K., Freeman, K., Chervin, R.D., & Xu, L. (2012). Sleep-Disordered breathing in a population-based cohort: Behavioral outcomes at 4 and 7 years. *Pediatrics*, 129(4), 1-9.
- Bosma, J.F. (1963a). Maturation of function of the oral and pharyngeal region. *AJO-DO*, 49(2), 94-104.
- Bosma, J.F. (1963b). Oral and pharyngeal development and function. *J Dent Res*, 42(1), 375-380.
- Bosma, J.F., Hepburn, L.G., Josell, S.D., & Baker, K. (1990). Ultrasound demonstration of tongue motions during suckle feeding. *Dev Med Child Neurol*, 32(3), 223-229.
- Boyd, K.L. (2011). Darwinian dentistry part 1: An evolutionary perspective on the etiology of malocclusion. *JAOS*, 34-40.
- Boyd, K.L. (2012). Darwinian dentistry part 2: Early childhood nutrition, dentofacial development, and chronic disease. *JAOS*. 28-32.
- de Boysson-Bardies, B., & Vihman, M.M. (1991). Adaptation to language: Evidence from babbling and first words in four languages. *Language*, 67, 297-319.
- Bresolin, D., Shapiro, P.A., Shapiro, G.G., Chapko, M.K., & Dassel, S. (1983). Mouth breathing in allergic children: Its relationship to dentofacial development. *Am J Orthod*, 83(4), 334-340.
- Broad, F.E. (1972). The effects of infant feeding on speech quality. *NZ Med J*, 76, 28-31.
- Broad, F.E. (1975). Further studies on the effects of infant feeding on speech quality. *NZ Med J*, 82, 373-376.
- Bueno, D., Grechi, T.H., Trawitzki, L.V., Anselmo-Lima, W.T., Felicio, C.M., & Valera, F.C. (2015, Apr). Muscular and functional changes following adenotonsillectomy in children. *Int J Pediatr Otorhinolaryngol*, 79(4), 537-540.
- Buryk, M., Bloom, D., & Shope, T. (2011). Efficacy of neonatal release of ankyloglossia: A randomized trial. *Pediatrics*, 128(2), 280-288.
- Camacho, M., Certal, V., Abdullatif, J., Zaghi, S., Ruoff, C.M., Capasso, R., & Kushida, C.A. (2015). Myofunctional therapy to treat obstructive sleep apnea: A systematic review and meta-analysis. *SLEEP*, 38(5), 669-675.
- Castelo, P.M., Bonjardim, L.R., Pereira, L. J., & Gavião, M.B.D. (2008). Facial dimensions, bite force and

- masticatory muscle thickness in preschool children with functional posterior crossbite. *Braz Oral Res*, 22(1), 48-54.
- Castelo, P.M., Gaviao, M.B.D., Pereira, L.J., & Bonjardim L.R. (2010). Maximal bite force, facial morphology, and sucking habits in young children with functional posterior crossbite. *J Appl Oral Sci*, 18(2), 143–148.
- Castelo, P.M., Pereira, L.J., Andrade, A.S., Marquezin, M.C., & Gaviao, M.B. (2010, Jul-Aug). Evaluation of facial asymmetry and masticatory muscle thickness in children with normal occlusion and functional posterior crossbite. *Minerva Stomatol*, 59(7-8), 423-30.
- Cattoni, D.M., & Fernandes, F.D. (2004, Jan-Apr). Facial Measurements and proportions in children: Contributions to orofacial myofunctional evaluation. *Pro Fono*, 16(1). 7-18.
- Cerezo, C.S., Lobato, D.J., Pinkos, B., & LeLeiko, N.S. (2011). Diagnosis and treatment of pediatric feeding and swallowing disorders: The team approach. *Infant Child Adolesc Nutr*, 3, 321–323.
- Cheng, M.C., Enlow, D.H., Papsidero, M., Broadbent Jr, B.H., Oyen, O., & Sabat, M. (1988). Developmental effects of impaired breathing in the face of the growing child. *Angle Orthod*, 58(4), 309-320.
- Chervin, R.D., Hedger, K., Dillon, J.E., & Pituch, K.J. (2000). Pediatric sleep questionnaire (PSQ): Validity and reliability of scales for sleep-disordered breathing, snoring, sleepiness, and behavioral problems. *Sleep Med*, 1(1), 21–32.
- Chizawsky, L.L., & Scott-Findlay, S. (2005). Tummy time!. *Nurs Womens Health*, 9(5), 382-387.
- Chuang, L.C., Lian, Y.C., Hervy-Auboiron, M., Guilleminault, C., & Huang, Y.S. (2017). Passive myofunctional therapy applied on children with obstructive sleep apnea: A 6-month follow-up. *J Formos Med Assoc*, 116(7), 536-541.
- Cichero, J.A.Y. (2017, Aug). Unlocking opportunities in food design for infants, children, and the elderly: Understanding milestones in chewing and swallowing across the lifespan for new innovations. *J Texture Stud*, 48(4), 271-279.
- Cockley, L., & Lehman, A. (2015, Winter). The ortho missing link: Could it be tied to the tongue?. *Journal of the American Orthodontic Society*, 18-21.
- Colson, S.D., Meek, J.H., & Hawdon, J.M. (2008). Optimal positions for the release of primitive neonatal reflexes stimulating breastfeeding. *Early Hum Dev*, 84(7), 441-449.
- Connaghan, K.P., Moore, C.A., & Higashakawa, M. (2004). Respiratory kinematics during vocalization and nonspeech respiration in children from 9 to 48 months. *JSLHR*, 47(1), 70-84.
- Cook, C.D., Sutherland, J.M., Segal, S., Cherry, R.B., Mead, J., McIlroy, M.B., & Smith, C.A. (1957). Studies of respiratory physiology in the newborn infant. III. Measurements of mechanics of respiration. *J Clin Invest*, 36(3), 440-448.
- Coryllos, E., Genna, C.W., & Salloum, A.C., (2004, Summer). Congenital tongue-tie and its impact on breastfeeding. *AAP: Breastfeeding: Best for Mother and Baby Newsletter*, 1 -6.
- Coulthard, H., Harris, G., & Emmett, P. (2009, Jan). Delayed introduction of lumpy foods to children during the complementary feeding period affects child's food acceptance and feeding at 7 years of age. *Matern Child Nutr*, 5(1), 75-85.
- Crary, M.A. (1995). Clinical evaluation of developmental motor speech disorders. *Semin Speech Lang*, 16, 110-125.
- Cummings, N.P., Neifert, M.R., Pabst, M.J., & Johnston, R.B. (1985). Oxidative metabolic response and microbicidal activity of human milk macrophages: Effect of lipopolysaccharide and muramyl dipeptide. *Infect and Immun*, 49(2), 435-439.
- Da Costa, S.P., Remijn, L., Weenen, H., Vereijken, C., & Van der Schans, C. (2017, Apr). Exposure to texture of foods for 8-month-old infants: Does the size of the pieces matter? *J Texture Stud*, 27, 326-334.
- Da Costa, S.P., Van Den Engel-Hoek, L., & Bos, A.F. (2008). Sucking and swallowing in infants and

- diagnostic tools. *Am J Perinatol*, 28(4), 247-257.
- Davis, B., & Velleman, S.L. (2000). Differential diagnosis and treatment of developmental apraxia of speech in infants and toddlers. *Infant-Toddler Intervention: The Transdisciplinary Journal*, 10, 177-192.
- Defabianis, P. (2000). Ankyloglossia and its influence on maxillary and mandibular development. (A seven year follow-up case report). *Funct Orthod*, 17(4), 25-33.
- Diaferia, G., Santos-Silva, R., Truksinas, E., Haddad, F.L.M., Santos, R., Bommarito, S., Gregorio, L.C., Tufik, S., & Bittencourt, L. (2017, May). Myofunctional therapy improves adherence to continuous positive airway pressure treatment. *Sleep Breath*, 21(2), 387-395.
- Dimberg, L., Bondemark, L., Söderfeldt, B., & Lennartsson, B. (2010). Prevalence of malocclusion traits and sucking habits among 3-year-old children. *Swed Dent J*, 34(1), 35-42.
- Dimberg, L., Lennartsson, B., Söderfeldt, B., & Bondemark, L. (2011). Malocclusions in children at 3 and 7 years of age: A longitudinal study. *Eur J Orthod*, 35(1), 131-137.
- Dollberg, S., Botzer, E., Grunis, E., & Mimouni, F.B. (2006). Immediate nipple pain relief after frenotomy in breast-fed infants with ankyloglossia: A randomized, prospective study. *J Pediatric Surg*, 41(9), 1598-1600.
- Downs, W.B. (1948). Variations in facial relationships: Their significance in treatment and prognosis. *Am J Orthod*, 34(10), 812-840.
- Dudek-Shriber, L., & Zelazny, S. (2007). The effects of prone positioning on the quality and acquisition of developmental milestones in four-month-old infants. *Pediatr Phys Ther*, 19(1), 48-55.
- Dwivedi, R.C., Rose, S.S., Roe, J.W., Khan, A.S., Pepper, C., Nutting, C.M., ... & Kazi, R. (2010). Validation of the Sydney Swallow Questionnaire (SSQ) in a cohort of head and neck cancer patients. *Oral Oncol*, 46(4), e10-e14.
- Dyson, A.T. (1988). Phonetic inventories of 2-and 3-year-old children. *JSHD*, 53(1), 89-93.
- Eckman, N., William, K.E., Riegel, K., & Paul, C., (2008, Sep-Oct). Teaching chewing: A structured approach. *Am J Occup Ther*, 62(5), 514-521.
- Einarsson-Backes, L.M., Deitz, J., Price, R., Glass, R., & Hays, R. (1994). The effect of oral support on sucking efficiency in preterm infants. *Am J Occup Ther*, 48(6), 490-498.
- Elad, D., Kozlovsky, P., Blum, O., Laine, A F., Ming, J.P., Botzer, E., Dollberg, S., Zelicovich, M., & Sira, L. B. (2014, Apr). Biomechanics of milk extraction during breast-feeding. *Proceedings of the National Academy of Sciences for the United States of America*, 111(14), 5230-5235.
- Elgoyhen, J.C., Riolo, M.L., Graber, L.W., Moyers, R.E., & McNamara, J.A. (1972). Craniofacial growth in juvenile *Macaca mulatta*: A cephalometric study. *Am J Phys Anthropol*, 36(3), 369-376.
- Emond, A., Ingram, J., Johnson, D., Blair, P., Whitelaw, A., Copeland, M., & Sutcliffe, A. (2014). Randomised controlled trial of early frenotomy in breastfed infants with mild-moderate tongue-tie. *Arch Dis Child Fetal Neonatal Ed*, 99(3), F189-F195.
- Enlow, D.H. (1966). A morphogenetic analysis of facial growth. *Am J Orthod*, 52(4), 283-299.
- Enlow, D.H., & Moyers, R.E. (1971). 1 growth and architecture of the face. *J Am Dent Assoc*, 82(4), 763-774.
- Enlow, D.H., Moyers, R.E., Hunter, W.S., & McNamara, J.A. (1969). A procedure for the analysis of intrinsic facial form and growth An equivalent-balance concept. *Am J Orthod*, 56(1), 6-23.
- European society for swallowing disorders, 3rd congress. (2013). *Paediatric dysphagia—Position Statements*. Retrieved from www.myessd.org.
- Faria, P.T.M., Ruellas, A.C.D.O., Matsumoto, M.A.N., Anselmo-Lima, W.T., & Pereira, F.C. (2002). Dentofacial morphology of mouth breathing children. *Braz Dent J*, 13(2), 129-132.
- Farkas, L.G., & Deutsch, C.K. (1996). Anthropometric determination of craniofacial morphology. *Am J Med Gen*, 65(1), 1-4.
- Farkas, L.G., Katic, M.J., & Forrest, C.R. (2005). International anthropometric study of facial morphology in various ethnic groups/races. *J Craniofac Surg*, 16(4), 615-646.

- Farronato, G., Cannalire, P., Martinelli, G., Tubertini, I., Giannini, L., Galbiati, G., & Maspero, C. (2014). Cleft lip and/or palate: Review. *Minerva Stomatol*, *63*(4), 111-126.
- Farsi, N.M., & Salama, F.S. (1997). Sucking habits in Saudi children: Prevalence, contributing factors, and effects on the primary dentition. *Ped Dent*, *19*(1), 28-33.
- Fatemifar, G., Hoggart, C.J., Paternoster, L., Kemp, J.P., Prokopenko, I., Horikoshi, M., ... & Toma, A.M. (2013). Genome-wide association study of primary tooth eruption identifies pleiotropic loci associated with height and craniofacial distances. *Hum Mol Gen*, *22*(18), 3807-3817.
- Fayoux, P., Marciniak, B., Devisme, L., & Storme, L. (2008). Prenatal and early postnatal morphogenesis and growth of human laryngotracheal structures. *J. Anat*, *213*(2), 86-92.
- de Felício, C.M., & Ferreira, C.L. (2008, Mar). Protocol of Orofacial myofunctional evaluation with scores. *Int J Pediatr Otorhinolaryngol*, *72*(3), 367-375.
- de Felício, C.M., Folha, G.A., Ferreira, C.L., & Medeiros, A.P. (2010, Nov). Expanded protocol of orofacial myofunctional evaluation with scores: Validity and reliability. *Int J Pediatr Otorhinolaryngol*, *74*(11), 1230-1239.
- de Felício, C.M., Folha, G.A., Ferreira, C.L.P., Paskay, L.C., & Sforza, C. (2015). Translation and cross-cultural adaptation of the protocol of orofacial myofunctional evaluation with scores for Italian language. *Codas*, *27*(6), 575-583.
- de Felício, C.M., Folha, G.A., Gaido, A.S., Dantas, M.M., & Azevedo-Marques, P.M. (2014, Jul-Aug). Computerized protocol of orofacial myofunctional evaluation with scores: Usability and validity. *Codas*, *26*(4), 322-327.
- de Felício, C.M., Medeiros, A.P., & de Oliveira Melchior, M. (2012, Oct). Validity of the 'Protocol of Orofacial Myofunctional Evaluation with Scores' for young and adult subjects. *J Oral Rehabil*, *39*(10): 744-753.
- Ferrante An, & Ferrante A. (2015). Finger or thumb sucking. New interpretations and therapeutic implications. *Minerva Pediatrica*, *67*(4), 285-297.
- Ferrés-Amat, E., Pastor-Vera, T., Ferrés-Amat, E., Mareque-Bueno, J., Prats-Armengol, J., & Ferrés-Padró, E. (2016). Multidisciplinary management of ankyloglossia in childhood. Treatment of 101 cases. A protocol. *Med Oral Patol Oral Cir Bucal*, *21*(1), e39-47.
- Fisher, J.T., Mortola, J.P., Smith, J.B., Fox, G.S., & Weeks, S. (1982). Respiration in newborns: Development of the control of breathing 1-3. *Am Rev Respir Dis*, *125*(6), 650-657.
- Fitzpatrick, M.F., McLean, H., Urton, A.M., Tan, A., O'donnell, D., & Driver, H.S. (2003). Effect of nasal or oral breathing route on upper airway resistance during sleep. *Eur Respir J*, *22*(5), 827-832.
- Fohla, G.A., Valera, F.C., de & Felício, C.M., (2015, Jun). Validity and reliability of a protocol of orofacial myofunctional evaluation for patients with obstructive sleep apnea. *Eur J Oral Sci*, *123*(3), 165-172.
- Forlenza, G.P., Black, N.M.P., McNamara, E.G., & Sullivan, S.E. (2010). Ankyloglossia, exclusive breastfeeding, and failure to thrive. *Pediatrics*, *125*(6), e1500-e1504.
- Fraser, F.C. (1970). The genetics of cleft lip and cleft palate. *Am J Hum Genet*, *22*(3), 336-352.
- Friedman, M., Hamilton, C.S., & Samuelson, C.G. (2012, Aug). Friedman and Mallampati tongue positions and obstructive sleep apnea severity. *Otolaryngol Head Neck Surg*, *147*(2), 121.
- Friedman, M., Hamilton, C., Samuelson, C.G., Lundgren, M.E., & Pott, T. (2013, Apr). Diagnostic value of the Friedman tongue position and Mallampati classification for obstructive sleep apnea: A Meta-Analysis. *Otolaryngol Head Neck Surg*, *148*(4), 540-547.
- Garattini, G., Crozzoli, P., & Valsasina, A. (1990). Role of prolonged sucking in the development of dento-skeletal changes in the face. Review of the literature. *Mondo Ortod*, *15*(5), 539-550.
- Garbin, C.P., Sakalidis, V.S., Chadwick, L.M., Whan, E., Hartmann, P.E., & Geddes, D.T. (2013). Evidence of improved milk intake after frenotomy: A case report. *Pediatrics*, *132*(5), e1413-e1417.
- Gaultier, C., & Guilleminault, C. (2001). Genetics, control of breathing, and sleep-disordered breathing: A review. *Sleep Med*, *4*, 281-295.

- Geddes, D.T., Kent, J.C., Mitoulas, L.R., & Hartmann, P.E. (2008). Tongue movement and intra-oral vacuum in breastfeeding infants, *Early Hum Dev*, *84*(7), 471-477.
- Geddes, D.T., Langton, D.B., Gollow, I., Jacobs, L.A., Hartmann, P.E., & Simmer, K. (2008). Frenulotomy for breastfeeding infants with ankyloglossia: Effect on milk removal and sucking mechanism as imaged by ultrasound. *Pediatrics*, *122*(1), e188-e194.
- Genaro, K.F., Berretin-Felix, G., Rehder, M.I.B.C., & Marchesan, I.Q. (2009). Avaliação Miofuncional Orofacial: Protocolo MBGR. *Revista Cefac*, *11*(2), 237-255.
- Genna, C.W., & Barak, D. (2010). Facilitating autonomous infant hand use during breastfeeding. *Clinical Lactation*, *1*(1), 15-20.
- Gerstein H.C. (1994). Cow's milk exposure and type I diabetes mellitus. A critical overview of the clinical literature. *Diabetes Care*, *17*(1), 13-9.
- Gewolb, I.H., & Vice, F.L. (2006). Maturation changes in the rhythms, patterning, and coordination of respiration and swallow during feeding in preterm and term infants. *Dev Med Child Neurol*, *48*(7), 589-594.
- Ghaheri, B.A., Cole, M., Fausel, S.C., Choup, M., & Mace, J.C. (2017, May). Breastfeeding improvement following tongue-tip and lip-tie release: A prospective cohort study. *Laryngoscope*, *127*(5), 1217-1223.
- Gibbons, A. (2012). An evolutionary theory of dentistry. *Science*, *336*, 973-975.
- Gola, R., Cheynet, F., Guyot, L., Sauvant, J., & Richard, O. (2000). Etiopathogenesis of nasal obstruction in children. *Orthod Fr*, *71*(2), 143.
- Gomes, C.F., Trezza, E., Murade, E., & Padovani, C.R. (2006). Surface electromyography of facial muscles during natural and artificial feeding of infants. *Jornal de Pediatria*, *82*(2), 103-109.
- Gosa, M.M., Carden, H.T., Jacks, C.C., Threadgill, A.Y., & Sidlovsky, T.C. (2017, May). Evidence to support treatment options for children with swallowing and feeding disorders: A systematic review. *J Pediatr Rehabil Med*, *10*(2), 107-136.
- Grace, T., Oddy, W., Bulsara, M., & Hands, B. (2017). Breastfeeding and motor development: A longitudinal cohort study. *Hum Mov Sci*, *51*, 9-16.
- Graham Jr, J.M. (2006). Tummy time is important. *Clinical pediatrics*, *45*(2), 119-121.
- Graham, J.M., Gomez, M., Halberg, A., Earl, D.L., Kreutzman, J.T., Cui, J., & Guo, X. (2005). Management of deformational plagiocephaly: Repositioning versus orthotic therapy. *J Pediatr*, *146*(2), 258-262.
- Graham, J.M., Kreutzman, J., Earl, D., Halberg, A., Samayoa, C., & Guo, X. (2005). Deformational brachycephaly in supine-sleeping infants. *J Pediatr*, *146*(2), 253-257.
- Graziani, A.F., Fukushiro, A.P., & Genaro, K.F. (2015). Proposal and content validation of an orofacial myofunctional assessment protocol for individuals with cleft lip and palate. *Codas*, *27*(2), 193-200.
- Green, J.R., Moore, C.A., Higashikawa, M., & Steeve, R.W. (2000). The physiologic development of speech motor control: Lip and jaw coordination. *JSLHR*, *43*(1), 239-255.
- Green, J.R., Moore, C.A., & Reilly, K.J. (2002). The sequential development of jaw and lip control for speech. *JSLHR*, *45*(1), 66-79.
- Green, J.R., Moore, C.A., Ruark, J.L., Rodda, P.R., Morvée, W.T., & Vanwitsenburg, M.J. (1997). Development of chewing in children from 12 to 48 months: Longitudinal study of EMG patterns. *J Neurophysiol*, *77*(5), 2704-2716.
- Griffiths, D.M. (2004). Do tongue ties affect breastfeeding?. *J Human Lact*, *20*(4), 409-414.
- Guenther, F.H. (1995). Speech sound acquisition, coarticulation, and rate effects in a neural network model of speech production. *Psychol Rev*, *102*(3), 594.
- Guilleminault, C., Abad, V.C., Chiu, H.Y., Peters, B., & Quo, S. (2016). Missing teeth and pediatric obstructive sleep apnea. *Sleep and Breath*, *20*(2), 561-568.
- Guilleminault, C., & Akhtar, F. (2015). Pediatric sleep-disordered breathing: New evidence on its development. *Sleep Med Rev*, *24*, 46-56.
- Guilleminault, C., & Huang, Y. (in press). From orofacial dysfunction to dysmorphism and onset of

- pediatric OSA: Evidences. *Sleep Med Rev*.
- Guilleminault, C., Huang, Y.S., Glamann, C., Li, K., & Chan, A. (2007). Adenotonsillectomy and obstructive sleep apnea in children: A prospective survey. *Otolaryngol Head Neck Surg*, *136*(2), 169-175.
- Guilleminault, C., Huang, Y.S., Monteyrol, P.J., Sato, R., Quo, S., & Lin, C.H. (2013). Critical role of myofascial reeducation in pediatric sleep-disordered breathing. *Sleep Med*, *14*(6), 518-525.
- Guilleminault, C., Huseni, S., & Lo, L. (2016). A frequent phenotype for paediatric sleep apnoea: Short lingual frenulum. *ERJ Open Res*, *2*(3), 00043-2016.
- Guilleminault, C., & Pelayo, R. (1998). Sleep-disordered breathing in children. *Ann Med*, *30*(4), 350-356.
- Guilleminault, C., Primeau, M., Chiu, H., Yuen, K., Leger, D., & Metlaine, A. (2013). Sleep-disordered-breathing in Ehlers–Danlos syndrome (a genetic model of obstructive sleep apnea). *Sleep Med*, *144*(5), 1503-1511.
- Guilleminault, C., & Sullivan, S.S. (2014). Towards restoration of continuous nasal breathing as the ultimate treatment goal in pediatric obstructive sleep apnea. *Enliven*, *1*(1), 1-5.
- Gupta, A., Hiremath, S.S., Singh, S.K., Poudyal, S., Niraula, S.R., Baral, D.D., & Singh, R.K. (2007). Emergence of primary teeth in children of Sunsari District of Eastern Nepal. *Mcgill J Med*, *10*(1), 11-15.
- Haham, A., Marom, R., Mangel, L., Botzer, E., & Dollberg, S. (2014). Prevalence of breastfeeding difficulties in newborns with a lingual frenulum: a prospective cohort series. *Breastfeed Med*, *9*(9), 438-441.
- Han, S.H., Kim, M.C., Choi, Y.S., Lim, J.S., & Han, K.T. (2012). A study on the genetic inheritance of ankyloglossia based on pedigree analysis. *Arch Plast Surg*, *39*(4), 329-332.
- Handelman, C.S., & Osborne, G. (1976). Growth of the nasopharynx and adenoid development from one to eighteen years. *Angle Orthod*, *46*(3), 243-259.
- Harari, D., Redlich, M., Miri, S., Hamud, T., & Gross, M. (2010). The effect of mouth breathing versus nasal breathing on dentofacial and craniofacial development in orthodontic patients. *Laryngoscope*, *120*(10), 2089-2093.
- Hayden, D.A., & Square, P.A. (1994). Motor speech treatment hierarchy: A systems approach. *Clin Commun Disord*, *4*, 151-161.
- He, T., Stavropoulos, D., Hagberg, C., Hakeberg, M., & Mohlin, B. (2013). Effects of masticatory muscle training on maximum bite force and muscular endurance. *Acta Odontol Scand*, *71*(3-4), 863–869.
- Heimer, M.V., Tornisiello Katz, C.R., & Rosenblatt, A. (2008). Non-nutritive sucking habits, dental malocclusions, and facial morphology in Brazilian children: A longitudinal study. *Eur J Orthod*, *30*(6), 580-585.
- Hiiemae, K.M., & Palmer, J.B. (2003). Tongue movements in feeding and speech. *Crit Rev Oral Biol Med*, *14*(6), 413-429.
- Hill, A.S. (2005). The effects of nonnutritive sucking and oral support on the feeding efficiency of preterm infants. *Newborn Infant Nurs Rev*, *5*(3), 133-141.
- Hill, A.S., Kurkowski, T.B., & Garcia, J. (2000). Oral support measures used in feeding the preterm infant. *Nursing Research*, *49*(1), 2-10.
- Hiraki, K., Yamada, Y., Kurose, M., Ofusa, W., Sugiyama, T., & Ishida, R. (2017, Jan). Application of a barometer for assessment of oral functions: Donders space. *J Oral Rehabil*, *44*(1), 65-72.
- Hirschfeld, W.J., Moyers, R.E., & Enlow, D.H. (1973). A method of deriving subgroups of a population: A study of craniofacial taxonomy. *Am J Phys Anthropol*, *39*(2), 279-290.
- Hoefer, C., & Hardy, M.C. (1929). Later development of breast fed and artificially fed infants, *JAMA*, *96*, 615-619.
- Hogan M., Westcott C., & Griffiths M. (2005). Randomized, controlled trial of division of tongue tie in infants with feeding problems. *J Paediatr Child Health*, *41*, 246–50.
- Hollier, L., Kim, J., Grayson, B.H., & McCarthy, J.G., (2000). Congenital muscular torticollis and the

- associated craniofacial changes. *Plast Reconstr Surg*, 105(3), 827-835.
- Hong, P., Lago, D., Seargeant, J., Pellman, L., Magit, A.E., & Pransky, S.M. (2010). Defining ankyloglossia: A case series of anterior and posterior tongue ties. *Int J Pediatr Otorhinolaryngol*, 74(9), 1003-1006.
- Hori, K., Taniguchi, H., Hayashi, H., Magara, J., Minagi, Y., Li, Q., & Inoue, M. (2013). Role of tongue pressure production in oropharyngeal swallow biomechanics. *Physiol Rep*, 1(6), e00167.
- Horwood, I.J., & Ferguson, D.M. (1998). Breastfeeding and later cognitive and academic outcomes. *Pediatrics*, 101(1), E9.
- Huang, Y., & Guilleminault, C., (2013). Pediatric obstructive sleep apnea and the critical role of oral-facial growth: Evidences. *Front Neurol*, 3(184), 1-7.
- Huang, Y.S., Guilleminault, C., Hwang, F.M., Cheng, C., Lin, C.H., Li, H.Y., & Lee, L.A. (2016). Inflammatory cytokines in pediatric obstructive sleep apnea. *Medicine*, 95(41), e4944.
- Huang, Y.S., Guilleminault, C., Lee, L.A., Lin, C.H., & Hwang, F.M. (2014). Treatment outcomes of adenotonsillectomy for children with obstructive sleep apnea: A prospective longitudinal study. *Sleep*, 37(1), 71-76.
- Huang, Y.S., Paiva, T., Hsu, J.F., Kuo, M.C., & Guilleminault, C. (2014). Sleep and breathing in premature infants at 6 months post-natal age. *BMC Pediatrics*, 14(1), 303-306.
- Huang, Y., Quo, S., Berkowski, J.A., & Guilleminault, C. (2015). Short lingual frenulum and obstructive sleep apnea in children. *IJPR*, 1, 1-4.
- Hutchison, B.L., Hutchison, L.A., Thompson, J.M., & Mitchell, E.A. (2004). Plagiocephaly and brachycephaly in the first two years of life: A prospective cohort study. *Pediatrics*, 114(4), 970-980.
- Iguchi, H., Magara, J., Nakamura, Y., Tsujimura, T., Ito, K., & Inoue, M. (2015, Dec). Changes in jaw Muscle activity and the physical properties of foods with different textures during chewing behaviors. *Physiol Behav*, 1, 152, 217-224.
- Inada, E., Saitoh, I., Hayasaki, H., Yamada, C., Iwase, Y., Takemoto, Y., Matsumoto, Y., & Yamasaki, Y. (2008). *Cranio*, 26(3). 170-181.
- Ingram, J., Johnson, D., Copeland, M., Churchill, C., Taylor, H., & Emond, A. (2015). The development of a tongue assessment tool to assist with tongue-tie identification. *Arch Dis Child Fetal Neonatal Ed*, 100(4), F344-F349.
- Inoue, N., Sakashita, R., & Kamegai, T. (1995). Reduction of masseter muscle activity in bottle-fed babies. *Early Hum Dev*, 42(3), 185-193.
- Irwin, O.C. (1948). Infant speech: Development of vowel sounds. *JSHD*, 13, 31-34.
- Irwin, O.C., & Chen, H.P. (1946). Infant speech: Vowel and consonant frequency. *J Speech Disord*, 11(2), 123-125.
- Jackson, I.T. (1999). Anatomy of the buccal fat pad and its clinical significance. *Plast Reconstr Surg*, 103(7), 2061-2063.
- Jacobs, L.A., Dickinson, J.E., Hart, P.D., Doherty, D.A., & Faulkner, S.J. (2007). Normal nipple position in term infants measured on breastfeeding ultrasound. *J Hum Lact*, 23(1), 52-59.
- Jacobson, A. (1975). The "Wits" appraisal of jaw disharmony. *Am Journal Orthod*, 67(2), 125-138.
- Jahanbin, A., Rashed, R., Yazdani, R., Sharhri, N.M., & Kianifar, H. (2013). Evaluation of some anthropometric parameters in an Iranian population: Infancy through adolescence. *J Craniofac Surg*, 24(3), 941-945.
- Jamieson, A., Guilleminault, C., Partinen, M., & Quera-Salva, M.A. (1986). Obstructive sleep apneic patients have craniomandibular abnormalities. *Sleep*, 9(4), 469-477.
- Jang, S., Cha, B., Ngan, P., Choi, D., Lee, S., & Jang, I. (2011). Relationship between the lingual frenulum and craniofacial morphology in adults. *Am J Orthod Dentofacial Orthop, Supplement 1*, 139(4), e361-e367.
- Jindal, V., Kaur, R., Goel, A., Mahajan, A., Mahajan, N., Mahajan, A. (2016, May-Jun). Variations in the frenal morphology in the diverse population: A clinical study. *J Indian Soc Periodontol*, 20(3), 320-323.

- Junqueira, P., Marchesan, I.Q., de Oliveira, L.R., Ciccone, E., Haddad, L., & Rizzo, M.C. (2010, Nov). Speech-Language pathology findings in patients with mouth breathing: Multidisciplinary diagnosis according to etiology. *IJOM*, *36*, 27-32.
- Kelly, B.N., Huckabee, M.L., Jones, R.D., & Frampton, C.M. (2007). The first year of human life: Coordinating respiration and nutritive swallowing. *Dysphagia*, *22*(1), 37-43.
- Kent, R.D., (2015). Nonspeech oral movements and oral motor disorders: A narrative review. *AJSLP*, *24*, 763-789.
- Kent, R.D., Osberger, M.J., Netsell, R., & Hustedde, C.G. (1987). Phonetic development in identical twins in auditory function. *JSHD*, *52*, 64-75.
- Klockars, T., & Pitkäranta, A. (2009a). Pediatric tongue-tie division: Indications, techniques and patient satisfaction. *Int J Pediatr Otorhinolaryngol*, *73*(10), 1399-1401.
- Klockars, T., & Pitkäranta, A. (2009b). Inheritance of ankyloglossia (tongue-tie). *Clin Genet*, *75*(1), 98-99.
- Knox, I. (2010). Tongue tie and frenotomy in the breastfeeding newborn. *NeoReviews*, *11*(9), e513-e519.
- Kodali, B.S., Chandrasekhar, S., Bulich, L.N., Topulos, G.P., & Datta, S. (2008). Airway changes during labor and delivery. *Anesthesiology*, *108*, 357-362.
- Koren, A., Reece, S.M., Kahn-D'angelo, L., & Medeiros, D. (2010). Parental information and behaviors and provider practices related to tummy time and back to sleep. *J Pediatr Health Care*, *24*(4), 222-230.
- Korfage, J.A.M., Koolstra, J.H., Langenbach, G.E.J., & Van Eijden, T.M.G.J. (2005a). Fiber-type composition of the human jaw muscles—(Part 1) Origin and functional significance of fiber-type diversity. *J Dent Res*, *84*(9), 774-783.
- Korfage, J.A.M., Koolstra, J.H., Langenbach, G.E.J., & Van Eijden, T.M.G.J. (2005b). Fiber-type composition of the human jaw muscles—(Part 2) Role of hybrid fibers and factors responsible for inter-individual variation. *J Dent Res*, *84*(9), 784-793.
- Kotlow, L.A. (1999). Ankyloglossia (tongue-tie): A diagnostic and treatment quandary. *Quintessence Int*, *30*(4), 259-262.
- Kotlow, L.A. (2004). Oral diagnosis of abnormal frenum attachments in neonates and infants: Evaluation and treatment of the maxillary and lingual frenum using the Erbium: YAG laser. *J Pediatr Dent Care*, *10*(3), 11-14.
- Kotlow, L. (2013, Nov). Diagnosing and understanding the maxillary lip-tie (superior labial, the maxillary labial frenum) as it relates to breastfeeding. *J Hum Lact*, *29*(4), 458-464.
- Kumar, D.S., Valenzuela, D., Kozak, F.K., Ludemann, J.P., Moxham, J.P., Lea, J., & Chada, N.K. (2014). The reliability of clinical tonsil size grading in children. *JAMA Otolaryngol Head Neck Surg*, *140*(11), 1034-1037.
- Kupietzky, A., & Botzer, E. (2005). Ankyloglossia in the infant and young child: Clinical suggestions for diagnosis and management. *Pediatric dentistry*, *27*(1), 40-46.
- Larsson E. (1994). Artificial sucking habits: Etiology, prevalence, and effect on occlusion. *IJOM*, *20*, 10-21.
- Lau, C. (2015). Development of suck and swallow mechanisms in infants. *Ann Nutr Metab*, *66*(suppl. 5), 7-14.
- Lau, C., & Kusnierczyk, I. (2001). Quantitative evaluation of infant's nonnutritive and nutritive sucking. *Dysphagia*, *16*(1), 58-67.
- Laughlin, J., Luerssen, T.G., Dias, M.S., & Committee on Practice and Ambulatory Medicine. (2011). Prevention and management of positional skull deformities in infants. *Pediatrics*, *128*(6), 1236-1241.
- Leder, S.B., Suiter, D.M., Murray, J., & Rademaker, A.W. (2013, Sept) Can an oral mechanism examination contribute to the assessment of odds of aspiration? *Dysphagia*, *28*(3), 370-374.
- Lee, S.H., Choi, J.H., Shin, C., Lee, H.M., Kwon, S.Y., & Lee, S.H. (2007). How does open-mouth breathing influence upper airway anatomy?. *Laryngoscope*, *117*, 1102-1106.
- Lee, S., Guilleminault, C., Chiu, H., & Sullivan, S.S. (2015). Mouth breathing, "nasal disuse," and pediatric sleep-disordered breathing. *Sleep Breath*, *19*(4), 1257-1264.

- Le Reverend, B., Saucy, F., Moser, M., & Loret, C. (2016, Oct). Adaptation of mastication mechanics and eating behavior to small differences in food texture. *Physiol Behav*, *165*, 136-145.
- Lima, L.C.D.O., Baraúna, M.A., Sologurem, M.J.J., Canto, R.S.D.T., & Gastaldi, A.C. (2004). Postural alterations in children with mouth breathing assessed by computerized biophotogrammetry. *J Appl Oral Sci*, *12*(3), 232-237.
- Lipsitt, L.P. (1966). Learning processes of human newborns. *Merrill-Palmer Q*, *12*(1), 45-71.
- Lisson, J.A., & Scholtes, S. (2005). Investigation of craniofacial morphology in patients with hypo- and oligodontia. *J Orofac Orthop*, *66*(3), 197-207.
- Livingstone, V.H., Willis, C.E., Abdel-Wareth, L.O., Thiessen, P., & Lockitch, G. (2000). Neonatal hypernatremic dehydration associated with breast-feeding malnutrition: A retrospective survey. *Can Med Assoc J*, *162*(5), 647-652.
- Lorkiewicz-Muszyńska, D., Kociemba, W., Rewekant, A., Sroka, A., Jończyk-Potoczna, K., Patelska-Banaszewska, M., & Przystańska, A. (2015). Development of the maxillary sinus from birth to age 18. Postnatal growth pattern. *Int J Pediatr Otorhinolaryngol*, *79*(9), 1393-1400.
- Lundberg, A.J., & Stone, M. (1999). Three-dimensional tongue surface reconstruction: Practical considerations for ultrasound data. *J Acoust Soc Am*, *106*(5), 2858-2867.
- Lundberg, J.O.N., & Weitzberg, E. (1999). Nasal nitric oxide in man. *Thorax*, *54*(10), 947-952.
- Macedo, P.F.A., & Bianchini, E.M.G. (2014). Myofunctional orofacial examination: Comparative analysis in young adults with and without complaints. *Codas*, *26*(6), 464-470.
- Madlon-Kay, D.J., Ricke, L.A., Baker N.J., DeFor, T.A. (2008, Sep). Case series of 148 tongue-tied newborn babies evaluated with the assessment tool for lingual frenulum function. *Midwifery*, *24*(3), 353-357.
- Majorana, A., Bardellini, E., Amadori, F., Conti, G., & Polimeni, A., (2015). Timetable for oral prevention in childhood – developing dentition and oral habits: A current opinion. *Prog Orthod*, *16*(39), 1-3.
- Manipon, C., (2016, Apr). Ankyloglossia and the breastfeeding infant: Assessment and intervention. *Adv Neonatal Care*, *16*(2), 108-113.
- Mankarious, L.A., & Goudy, S.L. (2010). Craniofacial and upper airway development. *Paediatr Respir Rev*, *11*(4), 193-198.
- Manno, C.J., Fox, C., Eicher, P.S., & Kerwin, M.E., (2005). Early oral-motor interventions for pediatric feeding problems: What, when and how. *J Early Intensive Behav Interv*, *2*(3), 145-159.
- Marangu, D., Jowi, C., Aswani, J., Wambani, S., & Nduati, R. (2014). Prevalence and associated factors of pulmonary hypertension in Kenyan children with adenoid or adenotonsillar hypertrophy. *Int J Pediatr Otorhinolaryngol*, *78*(8), 1381-1386.
- Marchesan, I.Q. (2004, Nov). Lingual frenulum: Classification and speech interference. *IJOM*, *30*, 31-38.
- Marchesan, I.Q., (2012). Lingual frenulum protocol. *IJOM*, *38*, 89-104.
- Marcus, C.L. (2001). Sleep-disordered breathing in children. *Am J Respir Crit Care*, *164*(1), 16-30.
- Marcus, C.L., Katz, E.S., Lutz, J., Black, C.A., Galster, P., & Carson, K.A. (2005). Upper airway dynamic responses in children with the obstructive sleep apnea syndrome. *Pediatr Res*, *57*(1), 99-107.
- Marcus, C.L., McColley, S.A., Carroll, J.L., Loughlin, G.M., Smith, P.L., & Schwartz, A.R. (1994). Upper airway collapsibility in children with obstructive sleep apnea syndrome. *J Appl Physiol*, *77*(2), 918-924.
- Martinelli, R.L., Marchesan, I.Q., & Berretin-Felix, G. (2012). Lingual frenulum protocol with scores for infants. *IJOM*, *38*, 104-112.
- Martinelli, R.L., Marchesan, I.Q., & Berretin-Felix, G. (2014). Longitudinal study of the anatomical characteristics of the lingual frenulum and comparison to literature. *Revista CEFAC*, *16*(4), 1202-1207.
- Martinelli, R.L., Marchesan, I.Q., Gusmão, R.J., Rodrigues, A., & Berretin-Felix, G. (2014). Histological characteristics of altered human lingual frenulum. *Int J Pediatr Child Health*, *2*, 6-9.
- Martha, V.F., da Silva Moreira, J., Martha, A.S., Velho, F.J., Eick, R.G., & Goncalves, S.C. (2013). Reversal of pulmonary hypertension in children after adenoidectomy or adenotonsillectomy. *Int J Pediatr Otorhinolaryngol*, *77*(2), 237-240.

- Massignan, C., Cardoso, M., Porporatti, A.L., Aydinoz, S., Canto, G.D.L., Mezzomo, L.A.M., & Bolan, M. (2016). Signs and symptoms of primary tooth eruption: A meta-analysis. *Pediatrics*, *137*(3), e20153501.
- Mathew, O.P., Clark, M.L., Pronske, M.L., Luna-Solarzano, H.G., & Peterson, M.D. (1985). Breathing pattern and ventilation during oral feeding in term newborn infants. *Pediatrics*, *106*(5), 810-813.
- Matsuo, K., & Palmer, J.B., (2008). Anatomy and physiology of feeding and swallowing – Normal and abnormal. *Phys Med Rehabil Clin*, *19*(4), 691-707.
- Mattar, S.E., Anselmo-Lima, W., Valera, F., & Matsumoto, M. (2004). Skeletal and occlusal characteristics in mouth-breathing pre-school children. *J Pedod*, *28*(4), 315-318.
- McNamara, J.A. (1984). A method of cephalometric evaluation. *Am J Orthod*, *86*(6), 449-469.
- Medeiros, A.M.C. (2007). The existence of an "integrated sensorimotor system" in new-born humans. *Psicologia USP*, *18*(2), 11-33.
- Meenakshi, S., & Jagannathan, N. (2014, Mar). Assessment of lingual frenulum lengths in skeletal malocclusion. *J Clin Diagn Res*, *8*(3), 202-204.
- Mehrabian, A. (1970). Measures of vocabulary and grammatical skills for children up to age six. *Dev Psychol*, *2*(3), 439-446.
- Melsen, B., Attina, L., Santuari, M., & Attina, A. (1987). Relationships between swallowing pattern, mode of respiration, and development of malocclusion. *Angle Orthod*, *57*(2), 113-120.
- Mennella, J.A., Reiter, A.R., & Daniels, L.M. (2016). Vegetable and fruit acceptance during infancy: Impact on ontogeny, genetics, and early experiences. *Adv Nutr*, *7*(Suppl), 2115-2195.
- Messner, A.H., & Lalakea, M.L. (2002). The effect of ankyloglossia on speech in children. *Otolaryngo Head and Neck Surg*, *127*(6), 539-545.
- Messner, A.H., Lalakea, M.L., Aby, J., Macmahon, J., & Bair, E. (2000). Ankyloglossia: Incidence and associated feeding difficulties. *Arch Otolaryngol Head Neck Surg*, *126*(1), 36-39.
- Miller, A.J., Vargervik, K., & Chierici, G. (1984). Experimentally induced neuromuscular changes during and after nasal airway obstruction. *Am J Orthod*, *85*(5), 385-392.
- Miller, J.L., & Kang, S.M. (2007). Preliminary ultrasound observation of lingual movement patterns during nutritive versus non-nutritive sucking in a premature infant. *Dysphagia*, *22*(2), 150-160.
- Miller, J.L., Macedonia, C., & Sonies, B.C. (2006). Sex differences in prenatal oral-motor function and development. *Dev Med Child Neurol*, *48*(6), 465-470.
- Miller, J.L., Sonies, B.C., & Macedonia, C. (2003). Emergence of oropharyngeal, laryngeal, and swallowing activity in the developing fetal upper aerodigestive tract: An ultrasound evaluation. *Early Hum Dev*, *71*(1), 61-87.
- Miller, L.C., Johnson, A., Duggan, L., & Behm, M. (2011). Consequences of the "back to sleep" program in infants. *J Pediatr Nurs*, *26*(4), 364-368.
- Miranda, B.H., & Milroy, C.J. (2010). A quick snip—A study of the impact of outpatient tongue tie release on neonatal growth and breastfeeding. *Plast Reconstr Surg*, *63*(9), e683-e685.
- Miranda, P.P., Cardoso, C.L., & Gomes, E. (2016). Intervention in the alteration on lingual frenum: Systematic review. *Int Arch Otorhinolaryngol*, *20*(3), 275-280.
- Mizuno, K., & Ueda, A. (2006). Changes in sucking performance from nonnutritive sucking to nutritive sucking during breast-and bottle-feeding. *Pediatr Res*, *59*(5), 728-731.
- Moeller, J.L., Paskay, L.C., & Gelb, M. L. (2014). Myofunctional therapy. *Sleep Med Clin*, *9*(2), 235-243.
- Montgomery-Downs, H.E., & Gozal, D. (2006). Sleep habits and risk factors for sleep-disordered breathing in infants and young toddlers in Louisville, Kentucky. *Sleep Med*, *7*(3), 211-219.
- Moore, C.A., Caulfield, T.J., & Green, J.R. (2001). Relative kinematics of the rib cage and abdomen during speech and nonspeech behaviors of 15-month-old children. *JSLHR*, *44*(1), 80-94.
- Moore, C.A., & Ruark, J L. (1996). Does speech emerge from earlier appearing oral motor behaviors?. *JSLHR*, *39*(5), 1034-1047.
- Moore, C.A., Smith, A., & Ringel, R.L. (1988). Task-specific organization of activity in human jaw muscles.

- JSHR*, 31(4), 670-680.
- Moral, A., Bolibar, I., Seguranyes, G., Ustrell, J.M., Sebastiá, G., Martínez-Barba, C., & Ríos, J. (2010). Mechanics of sucking: Comparison between bottle feeding and breastfeeding. *BMC Pediatrics*, 10(1), 6-14.
- Morris, S.E. (1985). Developmental implications for the management of feeding problems in neurologically impaired infants. *Semin Speech Lang*, 6 (4), 293-315.
- Morris, S.E. (1987). Therapy for the child with cerebral palsy: Interacting frameworks. *Semin Speech Lang*, 8(1), 71-86.
- Morris, S.E. (2003). *A longitudinal study of feeding and pre-speech skills from birth to three years* (unpublished research study). VA: New Visions.
- Mossey, P.A., Little, J., Munger, R.G., Dixon, M.J., & Shaw, W.C. (2009). Cleft lip and palate. *The Lancet*, 374(9703), 1773-1785.
- Motta, L.J., Bachiega, J.C., Guedes, C.C., Laranja, L.T., & Bussadori, S.K. (2011). Association between halitosis and mouth breathing in children. *Clinics*, 66(6), 939-942.
- Moyers, R.E., Bookstein, F.L., & Guire, K.E. (1979). The concept of pattern in craniofacial growth. *Am J of Orthod*, 76(2), 136-148.
- Murray, J.C. (2002). Gene/environment causes of cleft lip and/or palate. *Clin genet*, 61(4), 248-256.
- Must, A., Phillips, S.M., Tybor, D.J., Lividini, K., & Hayes, C. (2012). The association between childhood obesity and tooth eruption. *Obesity*, 20(10), 2070-2074.
- Nanda, R.S. (1955). The rates of growth of several facial components measured from serial cephalometric roentgenograms. *Am J Orthod*, 41(9), 658-673.
- Neiva, P.D., Kirkwood, R.N., & Godinho, R. (2009). Orientation and position of head posture, scapula and thoracic spine in mouth-breathing children. *Int J Pediatr Otorhinolaryngol*, 73(2), 227-236.
- Neskey, D., Eloy, J.A., & Casiano, R.R. (2009). Nasal, septal, and turbinate anatomy and embryology. *Otolaryngol Clin North Am*, 42(2), 193-205.
- Neto, S., Oliveira, A.E., Barbosa, R.W., Zandonade, E., & Oliveira, Z.F.L. (2012). The influence of sucking habits on occlusion development in the first 36 months. *Dental Press J Orthod*, 17(4), 96-104.
- Nizel, A.E. (1975). Nursing bottle syndrome: Rampant dental caries in young children. *Nutr News*, 38, 1-7.
- Northcutt, M. (2009). Overview: The lingual frenum. *J Clin Orthod*, 43(9), 557-565.
- Nyqvist, K.H., Färnstrand, C., Eeg-Olofsson, K.E., & Ewald, U. (2001). Early oral behaviour in preterm infants during breastfeeding: An electromyographic study. *Acta paediatrica*, 90(6), 658-663.
- Oliveira, A.C., Paiva, S.M., Martins, M.T., Torres, C.S., & Pordeus, I.A. (2011). Prevalence and determinant factors of malocclusion in children with special needs. *Eur J Orthod*, 33(4), 413-418.
- Oliveira, A.C., Pordeus, I.A., Torres, C.S., Martins, M.T., & Paiva, S.M. (2010). Feeding and nonnutritive sucking habits and prevalence of open bite and crossbite in children/adolescents with Down syndrome. *Angle Orthod*, 80(4), 748-753.
- Olivi, G., Signore, A., Olivi, M., & Genovese, M.D. (2012). Lingual frenectomy: Functional evaluation and new therapeutical approach. *Eur J Paediatr Dent*, 13(2), 101-106.
- Oller, D.K. (1978). Infant vocalization and the development of speech. *Allied Health Behave Sci*, 1, 523-549.
- Oller, D.K., & Eilers, R.E. (1988). The role of audition in infant babbling. *Child Dev*, 59(2), 441-449.
- Oller, D.K., & Yeni-Komshian, G. (1980). The emergence of the sounds of speech in infancy. *Child Phonology*, 1, 93-112.
- Ong, D., & Stone, M. (1998). Three-dimensional vocal tract shapes in/r/and/l/: A study of MRI, ultrasound, electropalatography, and acoustics. *Phonoscope*, 1(1), 1-13.
- Owens, J.A., & Dalzell, V. (2005, Jan). Use of the "BEARS" sleep screening tool in a pediatric residents' continuity clinic: A pilot study. *Sleep Med*, 6(1), 63-69.

- Padzys, G.S., Martrett, J.M., Tankosic, C., Thornton, S.N., & Trabalon, M. (2011). Effects of short term forced oral breathing: Physiological changes and structural adaptation of diaphragm and orofacial muscles in rats. *Arch Oral Biol*, *56*, 1646-1654.
- Page, D.C. (2003). "Real" early orthodontic treatment: From birth to age 8. *Funct Orthod: J Funct Jaw Orthop*, *20*(1-2), 48-58.
- Palmer, B. (1998). The influence of breastfeeding on the development of the oral cavity: A commentary. *J Hum Lact*, *14*(2), 93-98.
- Pacheco, M.C.T., Fiorott, B.S., Finck, N.S., & de Araújo, M.T.M. (2015). Craniofacial changes and symptoms of sleep-disordered breathing in healthy children. *Dental Press J Orthod*, *20*(3), 80-87.
- Parker, S.E., Mai, C.T., Canfield, M.A., Rickard, R., Wang, Y., Meyer, R.E., ... & Correa, A. (2010). Updated national birth prevalence estimates for selected birth defects in the United States, 2004-2006. *Birth Defects Res A Clin Mol Terato*, *88*(12), 1008-1016.
- Paskay, L.C. (2006, Nov). Instrumentation and measurement procedures in orofacial myology. *IJOM*, *32*, 37-57.
- Paskay, L.C. (2012, Nov). A one-page orofacial myofunctional assessment form: A proposal. *IJOM*, *38*, 27-37.
- Patil, R., Singh, S., & Subba Reddy, V.V. (2003, Dec.). Herniation of the buccal fat pad into the oral cavity: A case report. *J Indian Soc Pedo Prev Dent*, *21*(4).
- Paul, T., & Brandt, R.S. (1998). Oral and dental health status of children with cleft lip and/or palate. *Cleft Palate Craniofac J*, *35*(4), 329-332.
- Pecoraro, R.E., Inui, T.S., Chen, M.S., Plorde, D.K., & Heller, J.L. (1979). Validity and reliability of a self-administered health history questionnaire. *Public Health Rep*, *94*(3), 231-238.
- Persing, J., James, H., Swanson, J., Kattwinkel, J., & Committee on Practice and Ambulatory Medicine. (2003). Prevention and management of positional skull deformities in infants. *Pediatrics*, *112*(1), 199-202.
- Pillas, D., Hoggart, C.J., Evans, D.M., O'Reilly, P.F., Sipilä, K., Lähdesmäki, R., ... & Charoen, P. (2010). Genome-wide association study reveals multiple loci associated with primary tooth development during infancy. *PLoS genetics*, *6*(2), e1000856.
- Pirilä-Parkkinen, K., Pirttiniemi, P., Nieminen, P., Tolonen, U., Pelttari, U., & Löppönen, H. (2008). Dental arch morphology in children with sleep-disordered breathing. *Eur J Orthod*, *31*(2), 160-167.
- Pizolato, R.A., de Silva, F., Fernandes, F., Beatriz Duarte Gaviao, M., (2009, Nov-Dec). Deglutition and temporomandibular disorders in children. *Minerva Stomatol*, *58*(11-12), 567-576.
- Pola, M., Garcia, M.G., Martín, J.M.G., Gallas, M., & Lestón, J.S. (2002). A study of pathology associated with short lingual frenum. *J Dent Child*, *69*(1), 59-62.
- Ponrartana, S., Patil, S., Aggabao, P.C., Pavlova, Z., Devaskar, S.U., & Gilsanz, V. (2014). Brown adipose tissue in the buccal fat pad during infancy. *PLoS one*, *9*(2), e89533.
- Pottenger, F.M., & Krohn, B. (1950). Influence of breast feeding on facial development. *Arch Pediatr*, *67*(10), 454-461.
- Poyak J. (2006). Effects of pacifiers on early oral development. *IAO*, *17*(4), 13-16.
- Pransky, S.M., Lago, D., & Hong, P. (2015). Breastfeeding difficulties and oral cavity anomalies: The influence of posterior ankyloglossia and upper-lip ties. *Int J Pediatr Otorhinolaryngol*, *79* (10), 1714-1717.
- Queiroz, M.I. (2004). Lingual frenulum: Classification and speech interference. *IJOM*, *30*, 31-38.
- Racz, L., Maros, T.N., & Seres-Sturm, L. (1989). Structural characteristics and functional significance of the buccal fat pad (corpus adiposum buccae). *Morphol Embryol*, *35*(2), 73-77.
- Ramsay, D.T., & Hartmann, P.E. (2005). Milk removal from the breast. *Breastfeed Rev*, *13*(1), 5.
- Ransjö-Arvidson, A.B., Matthiesen, A.S., Lilja, G., Nissen, E., Widström, A.M., & Uvnäs-Moberg, K. (2001). Maternal analgesia during labor disturbs newborn behavior: Effects on breastfeeding, temperature,

- and crying. *Birth*, 28(1), 5-12.
- Ranta, R. (1986). A review of tooth formation in children with cleft lip/palate. *Am J Orthod Dentofacial Orthop*, 90(1), 11-18.
- Ratnovsky, A., Carmeli, Y.N., Elad, D., Zaretsky, U., Dollberg, S., & Mandel, D. (2013). Analysis of facial and inspiratory muscles performance during breastfeeding. *Technol and Health Care*, 21(5), 511-520.
- Reddy, N.R., Marudhappan, Y., Devi, R., & Narang, S. (2014). Clipping the (tongue) tie. *J Indian Soc Periodontol*, 18(3), 395-398.
- Reghav, D., St. Rose, S., Roe, J., Khan, A., Pepper, C., Nitting, C., Clarke, P., Kerawala, C., Rhys-Evans, P., Harrington, K., & Kazi, R. (2010, Apr). Validation of the Sydney Swallow Questionnaire (SSQ) in a cohort of head and neck cancer patients. *Oral Oncol*, (46)4, e1-e14.
- Rendon-Macias, M.E., Villasis-Keever, M.A., & del Carmen Martinez-Garcia, M. (2016, May-Jun). Validation of a clinical nutritional sucking scale. *Rev Med Inst Mex Seguro Soc*, 54(3), 318-326.
- Rey, J. (2003). Breastfeeding and cognitive development. *Acta Paediatric*, 92 (s442), 11-18.
- Ricke, L.A., Baker, N.J., Madlon-Kay, D.J., & DeFor, T.A. (2005). Newborn tongue-tie: Prevalence and effect on breast-feeding. *J Am Board Fam Pract*, 18(1), 1-7.
- Ricketts, R.M. (1960). A foundation for cephalometric communication. *Am J Orthod*, 46(5), 330-357.
- Robb, M.P., & Bleile, K.M. (1994). Consonant inventories of young children from 8 to 25 months. *Clin Linguist Phon*, 8(4), 295-320.
- Robey, R.R. (2004, April 13). Levels of evidence. *The ASHA Leader*, [Electronic Version]. Retrieved February 19, 2011 from www.asha.org/Publications/leader/2004
- Robinson, S., & Naylor, S.R. (1963). The effects of late weaning on the deciduous incisor teeth: A pilot survey. *Brit Dent. J*, 115, 250-252.
- Rodrigues, M.M., Dibbern, R.S., Goulart, C.W., & Palma, R.A. (2010, Sep-Oct). Correlation between the Friedman Classification and the Apnea-Hypopnea Index in a Population with OSAHS. *Braz J Otorhinolaryngol*, 76(5), 557-560.
- Rogers, B., & Arvedson, J. (2005). Assessment of infant oral sensorimotor and swallowing function. *Dev Disabil Res Rev*, 11(1), 74-82.
- Rossi, R.C., Rossi, N.J., Rossi, N.J., Yamashita, H.K., & Pignatari, S.S. (2015). Dentofacial characteristics of oral breathers in different ages: A retrospective case-controlled study. *Progress in Orthodontics*, 16, 23.
- Ruark, J.L., & Moore, C.A. (1997). Coordination of lip muscle activity by 2-year-old children during speech and nonspeech tasks. *JSLHR*, 40(6), 1373-1385.
- Rudolph, C.D., & Link, D.T. (2002). Feeding disorders in infants and children. *Pediatric Clin*, 49(1), 97-112.
- Rvachew, S., Slawinski, E.B., & Williams, M. (1996). Formant frequencies of vowels produced by infants with and without early onset otitis media. *Can Acoust*, 24(2), 19-28.
- Saarinen U.M., & Kajosaari M. (1995). Breastfeeding as prophylaxis against atopic disease: Prospective follow-up study until 17 years old. *Lancet*, 346(8982), 1065-1069.
- Sander, E.K. (1972). When are speech sounds learned?. *JSHD*, 37(1), 55-63.
- Sassouni, V. (1969). A classification of skeletal facial types. *Am J Orthod*, 55(2), 109-123.
- Schafer, R., & Genna, C.W. (2015). Physiologic breastfeeding: A contemporary approach to breastfeeding initiation. *J Midwifery Womens Health*, 60(5), 546-553.
- Schedin, U., Norman, M., Gustafsson, L.E., Herin, P., & Frostell, C. (1996). Endogenous nitric oxide in the upper airways of healthy newborn infants. *Pediatric research*, 40(1), 148-151.
- Scheideman, G.B., Bell, W.H., Legan, H.L., Finn, R.A., & Reisch, J.S. (1980). Cephalometric analysis of dentofacial normals. *Am J Orthod*, 78(4), 404-420.
- Schlenker, W.L., Jennings, B.D., Jeiroudi, M.T., & Caruso, J.M. (2000). The effects of chronic absence of active nasal respiration on the growth of the skull: A pilot study. *Am J Orthod Dentofacial Orthop*, 117(6), 706-713.

- Scoppa, F., Ferrante, A., De Cicco, V., Ferrante, A., & Ciaravolo, P. (2009). Why the patient sucks the thumb? Could sucking habit influence neuromuscular functions and posture? Annual Meeting of the European Society for Paediatric Research, Hamburg Germany, *Acta Paediatrica*, 98(Suppl. 460), 230-231.
- Shetty, S.R., & Munshi, A.K. (1998). Oral habits in children--A prevalence study. *J Indian Soc Pedod Prev Dent*, 16(2), 61-66.
- Shimizu, T., & Maeda, T. (2009). Prevalence and genetic basis of tooth agenesis. *Jpn Dent Sci Rev*, 45(1), 52-58.
- Shotts, L.L., McDaniel, D.M., & Neeley, R.A. (2008). The impact of prolonged pacifier use on speech articulation: A preliminary investigation. *Contemp Issues Commun Sci Disord*, 35, 72-75.
- Silveira, L.M.D., Prade, L.S., Ruedell, A.M., Haeffner, L.S.B., & Weinmann, A.R.M. (2013). Influence of breastfeeding on children's oral skills. *Revista de saúde pública*, 47(1), 37-43.
- Sjogreen, L., Lohmander, A., & Kiliarids, S., (2011). Exploring quantitative methods for evaluation of lip function. *J Oral Rehabil*, 38(6), 210-422.
- Smit, A.B. (1986). Ages of speech sound acquisition: Comparisons and critiques of several normative studies. *LSHSS*, 17(3), 175-186.
- Smithpeter, J., & Covell, D., Jr., (2010, May) Relapse of anterior open bites treated with orthodontic appliances with and without orofacial myofunctional therapy. *Am J Orthod Dentofacial Orthop*, 137(5), 605-614.
- Solow, B., & Sandham, A. (2002). Cranio-cervical posture: A factor in the development and function of the dentofacial structures. *Eur J Orthod*, 24(5), 447-456.
- Som, P.M., & Naidich, T.P. (2013). Illustrated review of the embryology and development of the facial region, part 1: Early face and lateral nasal cavities. *Am J Neuroradiol*, 34(12), 2233-2240.
- Songu, M., Adibelli, Z.H., Tuncyurek, O., & Adibelli, H. (2010). Age-specific size of the upper airway structures in children during development. *Ann Otol Rhinol Laryngol*, 119(8), 541-546.
- Souki, B.Q., Pimenta, G.B., Souki, M.Q., Franco, L.P., Becker, H.M., & Pinto, J.A. (2009). Prevalence of malocclusion among mouth breathing children: Do expectations meet reality?. *Int J Pediatr Otorhinolaryngol*, 73(5), 767-773.
- Stål, P., Marklund, S., Thornell, L.E., De Paul, R., & Eriksson, P.O. (2003). Fibre composition of human intrinsic tongue muscles. *Cells Tissues Organs*, 173(3), 147-161.
- Steeve, R.W., Moore, C.A., Green, J.R., Reilly, K.J., & McMurtrey, J.R. (2008). Babbling, chewing, and sucking: Oromandibular coordination at 9 months. *JSLHR*, 51(6), 1390-1404.
- Steiner, C.C. (1953). Cephalometrics for you and me. *Am J Orthod*, 39(10), 729-755.
- Stevenson, R.D., & Allaire, J.H. (1991). The development of normal feeding and swallowing. *Pediatr Clin North Am*, 38(6), 1439-1453.
- Stoel-Gammon, C. (1985). Phonetic inventories, 15–24 months: A longitudinal study. *JSHR*, 28(4), 505-512.
- Stoel-Gammon, C., & Cooper, J.A. (1984). Patterns of early lexical and phonological development. *J Child Lang*, 11(2), 247-271.
- Studnik, S., & Simkiss, D. (2011). What is the evidence for atypical feeding behaviour assessment tools in children with an autistic spectrum disorder? *Archives Disease Child*, 96(Suppl 1), A40-A40.
- Sullivan S., Li K., & Guilleminault C. (2008). Nasal obstruction in children with sleep-disordered breathing. *Ann Acad Med Singapore*, 37(8), 645-648.
- Takemoto, H. (2001). Morphological analyses of the human tongue musculature for three-dimensional modeling. *JSLHR*, 44(1), 95-107.
- Tamura, Y., Matsushita, S., Shinoda, K., & Yoshida, S. (1998). Development of perioral muscle activity during suckling in infants: A cross-sectional and follow-up study. *Dev Med Child Neurol*, 40(5), 344-348.
- Tavajohi-Kermani, H., Kapur, R., & Sciote, J.J. (2002). Tooth agenesis and craniofacial morphology in an

- orthodontic population. *Am J Orthod Dentofacial Orthop*, 122(1), 39-47.
- Thach, B.T. (2001). Maturation and transformation of reflexes that protect the laryngeal airway from liquid aspiration from fetal to adult life. *Am J Med*, 111(Suppl 8A), 69S-77S.
- Thach, B.T. (2007). Maturation of cough and other reflexes that protect the fetal and neonatal airway. *Pulm Pharmacol Ther*, 20(4), 365-370.
- Thoonen, G., Maassen, B., Gabreels, F., & Schreuder, R. (1999). Validity of maximum performance tasks to diagnose motor speech disorders in children. *Clin Linguist Phon*, 13, 1-23.
- Tobin, D.L. (1996). A breastfeeding evaluation and education tool. *J Hum Lact*, 12, 47-49.
- Todd, D.A. (2014). Tongue-tie in the newborn: What, when, who and how?: Exploring tongue-tie division. *Breastfeeding Review*, 22(2), 7.
- Tostevin, P.M.J., & Ellis, H. (1995). The buccal pad of fat: A review. *Clin Anat*, 8(6), 403-406.
- Tsauosoglou, P., Topouzelis, N., Vouros, I., Sculean, A. (2016). Diagnosis and treatment of ankyloglossia: A narrative review and a report of three cases. *Quintessence International*, 47(6), 523-34.
- Um, Y.H., Hong, S.C., & Jeong, J.H., (2017, Feb). Sleep problems as predictors in attention-deficit hyperactivity disorder: Causal mechanisms, consequences and treatment. *Clin Psychopharmacol Neurosci*. 15(1), 9-18.
- University of Minnesota Duluth (n.d.). *Cleft lip & palate*. CSD 2230. Lecture retrieved from <http://www.d.umn.edu/~mmizuko/2230/cleft.htm>.
- Valera, F.C., Trawitzki, L.V., Anselmo-Lima, W.T. (2006, Feb). Myofunctional evaluation after surgery for tonsils hypertrophy and its correlation to breathing pattern: A 2-year follow up. *Int J Pediatr Otorhinolaryngol*, 70(2), 221-225.
- Vanderas, A.P. (1987). Incidence of cleft lip, cleft palate, and cleft lip and palate among races: A review. *Cleft Palate J*, 24(3), 216-225.
- Vargervik, K., Miller, A.J., Chierici, G., Harvold, E., & Tomer, B.S. (1984). Morphologic response to changes in neuromuscular patterns experimentally induced by altered modes of respiration. *Am J Orthod*, 85(2), 115-124.
- Villa, M.P., Brasili, L., Ferretti, A., Vitelli, O., Rabasco, J., Mazzotta, A.R., ... & Martella, S. (2015). Oropharyngeal exercises to reduce symptoms of OSA after AT. *Sleep Breath*, 19(1), 281-289.
- Vlahandonis, A., Walter, L.M., & Horne, R.S. (2013). Does treatment of SDB in children improve cardiovascular outcome?. *Sleep Med Rev*, 17(1), 75-85.
- Viviers, M., Kritzinger, A., Vinck, B., & Graham, M. (2017, Jan). Preliminary psychometric performance of the Neonatal Feeding Assessment Scale. *S Afr J Commun Disord*, 64(1), ee1-e8.
- Volkert, V.M., Peterson, K.M., Zeleny, J.R., & Piazza, C.C. (2014, Jun). A clinical protocol to increase chewing and assess mastication in children with feeding disorders. *Behav Modif*, 38(5), 705-729.
- Vyas, H., Milner, A.D., & Hopkin, I.E. (1981). Intrathoracic pressure and volume changes during the spontaneous onset of respiration in babies born by Cesarean section and by vaginal delivery. *Pediatrics*, 99(5), 787-791.
- Wachs, T.D. (1976). Utilization of a Piagetian approach in the investigation of early experience effects: A research strategy and some illustrative data. *Merrill-Palmer Q*, 22(1), 11-30.
- Wada, S., Tohara, H., Iida, T., Sato, M., & Ueda, K. (2012, Nov). Jaw-opening exercise for insufficient opening of upper esophageal sphincter. *Arch Phys Med Rehabil*, 93(11), 1995-1999.
- Walsh, J., Links, A., Boss, E., & Tunkel, D. (2017, Apr). Ankyloglossia and lingual frenotomy: National trends in inpatient diagnosis and management in the United States, 1997-2012. *Otolaryngol Head Neck Surg*, 156(4), 735-740.
- Warren, J.J., & Bishara, S.E. (2002). Duration of nutritive and nonnutritive sucking behaviors and their effects on the dental arches in the primary dentition. *Am J Orthod Dentofacial Orthop*, 121(4), 347-356.

- Warren, J.J., Levy, S.M., Nowak, A.J., & Tang, S. (2000). Non-nutritive sucking behaviors in preschool children: A longitudinal study. *Pediatr Dent*, 22(3), 187-191.
- Warren, J.J., Slayton, R.L., Bishara, S.E., Levy, S.M., Yonezu, T., & Kanellis, M.J. (2005). Effects of nonnutritive sucking habits on occlusal characteristics in the mixed dentition. *Ped Dent*, 27(6), 445-450.
- Wasaki, T., & Yamasaki, Y. (2014). Relation between maxillofacial form and respiratory disorders in children. *Sleep Biol Rhythms*, 12, 2-11.
- Watkins, C.J., Leeder, S.R., & Corkhill, R.T. (1979). The relationship between breast and bottle feeding and respiratory illness in the first year of life. *J Epidemiol Community Health*, 33(3), 180-182.
- Weisz, S. (1938). Studies in equilibrium reaction. *J Nerv Ment Dis*, 88(2), 150-162.
- Wen, L.M., Baur, L.A., Simpson, J.M., Rissel, C., & Flood, V.M. (2011). Effectiveness of an early intervention on infant feeding practices and "tummy time:" A randomized controlled trial. *Arch Pediatric Adolesc Med*, 165(8), 701-707.
- Westcott, C.A., Hogan, M.J., & Griffiths, M. (2006). A Randomized, Controlled Trial of Division of Tongue-tie in Infants With Feeding Problems. *J Hum Lact Journal*, 22(4), 471-472.
- Widmar, R.P. (1992). The normal development of teeth. *Aust Family Physician*, 21, 1251-1261.
- Widström, A.M., Lilja, G., Aaltomaa-Michalias, P., Dahllöf, A., Lintula, M., & Nissen, E. (2011). Newborn behaviour to locate the breast when skin-to-skin: A possible method for enabling early self-regulation. *Acta paediatrica*, 100(1), 79-85.
- Williams, P., & Stackhouse, J. (1998). Diadochokinetic skills: Normal and atypical performance in children aged 3-5 years. *Int J Lang Commun Disord*, 33(Suppl.), 481-486.
- Williams, P., & Stackhouse, J. (2000). Rate, accuracy, and consistency: Diadochokinetic performance of young normally developing children. *Clin Linguist Phon*, 14, 267-293.
- Wilson, E.M., Green, J.R., Yunusova, Y., & Moore, C.A. (2008). Task specificity in early oral motor development. *Semin Speech Lang*, 29(4), 257-266.
- Wohlert, A.B., & Smith, A. (2002). Developmental change in variability of lip muscle activity during speech. *JSLHR*, 45(6), 1077-1087.
- Wolf, G., Anderhuber, W., & Kuhn, F. (1993). Development of the paranasal sinuses in children: Implications for paranasal sinus surgery. *Ann Otol Rhinol Laryngol*, 102(9), 705-711.
- Yoon, A., Zaghi, S., Weitzman, R., Ha, S., Law, C.S., Guilleminault, C., & Liu, S.Y. (2017). Toward a functional definition of ankyloglossia: Validating current grading scales for lingual frenulum length and tongue mobility in 1052 subjects. *Sleep and Breath*, 1-9.
- Zachry, A.H., & Kitzmann, K.M. (2011). Caregiver awareness of prone play recommendations. *Am J Occup Ther*, 65(1), 101-105.
- Zardetto, C.G., Rodrigues, C.R., & Stefani, F.M. (2002). Effects of different pacifiers on the primary dentition and oral myofunctional structures of preschool children. *Ped Dent*, 24(6), 552-560.
- Zuccherro, T.M., Cooper, M.E., Maher, B.S., Daack-Hirsch, S., Nepomuceno, B., Ribeiro, L., ... & Natsume, N. (2004). Interferon regulatory factor 6 (IRF6) gene variants and the risk of isolated cleft lip or palate. *NEJM*, 351(8), 769-780.

Book, Test, and Material References for Power Point Presentation

Mouth and Airway Development, Disorders, Assessment, and Treatment: Birth to Age 7
(Bahr & Gatto, 2017 ASHA Presentation #1759)

- Ayers, A.J. (1979). *Sensory integration and the child*. Los Angeles, CA: Western Psychological Publishers.
- Bahr, D. (2010). *Nobody ever told me (or my mother) that! Everything from bottles and breathing to healthy speech development*. Arlington, TX: Sensory World.
- Bahr, D.C. (2001). *Oral motor assessment and treatment: Ages and stages*. Boston, MA: Allyn and Bacon.
- Boehme, R. (1990). *The hypotonic child: Treatment for postural control, endurance, strength, and sensory organization*. Tucson, AZ: Therapy Skill Builders.
- Boshart, C.A. (1999). *Oral-Facial illustrations and reference guide*. USA: Speech Dynamics.
- Boyd, K.L., & Sheldon, S.H. (2013). Sleep-Disorder breathing: A dental perspective. In S.H. Sheldon, R. Ferber, M.H. Kryger, & D. Gozal, (Eds.). *Principles and practice of pediatric sleep medicine*, (2nd ed., pp. 275-280), New York, NY: Elsevier Saunders.
- Coplan, J. (1987). *Early language milestone scale*. Tulsa, OK: Modern Education Corporation.
- Donegan, P. (2002). Normal vowel development. In M.J. Ball & F.E. Gibbon (Eds.). *Vowel disorders* (pp. 1-35). Boston, MA: Butterworth-Heinemann.
- Eisenberg, A., Murkoff, H., & Hathaway, S. (2009). *What to expect the toddler years*. New York, NY: Workman Publishing.
- Enlow, D.H., & Moyers, R.E. (1982). *Handbook of facial growth*. (2nd ed.). New York: W.B. Saunders Company.
- Fisher, A.G. (1991). Vestibular-proprioceptive processing and bilateral integration and sequencing deficits. In A.G. Fisher, E.A Murray, & A.C. Bundy (Eds.) *Sensory integration: Theory and practice* (pp. 71-107). Philadelphia, PA: F.A. Davis.
- Gatto, K.K. (2016). *Understanding the orofacial complex: The evolution of dysfunction*. Denver, CO: Outskirts Press, Inc.
- Gatto, K.K. (2014). *Understanding the orofacial complex: The muscle manual*. Denver, CO: Outskirts Press, Inc.
- Gelb, M., & Hindin, H. (2016). *GASP: Airway health, The hidden path to wellness*. USA: Gelb & Hindin.
- Genna, C.W. (2017a). *Supporting sucking skills in breastfeeding infants* (3rd ed.). Woodhaven, NY: Jones and Bartlett Learning.
- Genna, C.W., (2017b). The influence of anatomic and structural issues on sucking skills. In C.W. Genna (Ed.), *Supporting sucking skills in breastfeeding infants* (3rd ed., pp. 209-267). Woodhaven, NY: Jones and Bartlett Learning
- Genna, C.W., & Sandora, L. (2017). Breastfeeding: Normal sucking and swallowing. In C.W. Genna (Ed.), *Supporting sucking skills in breastfeeding infants* (3rd ed., pp. 1-48). Woodhaven, NY: Jones and Bartlett Learning.
- Grunwell, P. (1987). *Clinical phonology* (2nd ed.). Rockville, MD: Aspen Publications.
- Hazelbaker, A.K. (2010). *Tongue-Tie: Morphogenesis, impact, assessment, & treatment*. Columbus, OH: Aiden & Eva Press.
- Hedrick, D.L., Prather, E.M., & Tobin, A.R. (1984). *Sequenced inventory of communication development*. Seattle, WA: University of Washington Press.
- Ingram, D. (1981). *Procedures for the phonological analysis of children's language*. Baltimore, MD: University Park Press.
- Ingram, D. (1989). *Phonological disability in children* (2nd ed.). New York, NY: American Elsevier.
- Kent, R. (1980). Articulatory and acoustic perspective on speech development. In A.P. Reilly (Ed.), *The*

- communication game: Perspectives on the development of speech, language, and nonverbal communication skills*. Skillman, NJ: Johnson & Johnson.
- Kent, R.D. (1999). Motor control: Neurophysiology and functional development. In A.J. Caruso and E.A. Strand (Eds.), *Clinical management of motor speech disorders in children* (pp. 29-71). New York: Thieme Medical Publishers.
- Kotlow, L. (2016). *SOS 4 TOTS: Tethered oral tissues, tongue-ties & lip ties*. USA: Dr. Lawrence Kotlow.
- Langdon, C., Jardine, K., & Cichero, J. (2013). *The essential dysphagia handbook*. Claire Langdon, Karen Jardine and Julie Cichero.
- Locke, J. (1983). *Phonological acquisition and change*. New York, NY: Academic Press.
- Love, R.J., & Webb, W.G. (1996). *Neurology for the speech-language pathologist* (3rd ed.). Boston, MA: Butterworth-Heinemann.
- Mindell, J.A., & Owens, J.A. (2015). *A clinical guide to pediatric sleep: Diagnosis and management of sleep problems*. USA: Lippincott Williams & Wilkins.
- Montagu, A. (1986). *Touching: The human significance of the skin*. (3rd ed.). New York, NY: Harper & Row Publishers.
- Moore, K.L., Persaud, T.V.N., & Torchia, M.G. (2013). *The developing human: Clinically oriented embryology*. (9th ed.). Philadelphia, PA: Elsevier Saunders.
- Morris, S. E., & Klein, M. D. (2000). *Pre-Feeding skills: A comprehensive resource for mealtime development*. (2nd ed.). San Antonio, TX: Therapy Skill Builders.
- Murkoff, H.E., Eisenberg, A., Hathaway, S., & Mazel, S. (2009). *What to Expect® the First Year*. New York, NY: Workman Publishing.
- Northrup, C. (2006). *Mother daughter wisdom*. USA: Hay House, Inc.
- Oetter, P., Richter, E.M., & Frick, S.M. (1995). *Integrating the mouth with sensory and postural functions*. Hugo, MN: PDP Press.
- Oller, D.K. (1980). The emergence of speech sounds in infancy. In G. Yeni-Komshian, J.A. Kavanagh, and C.A. Ferguson (Eds.), *Child phonology: Volume 1. Production* (pp. 93-112). New York, NY: Academic Press.
- Owens, R.E. (1996). *Language development: An introduction* (4th ed.). Needham Heights, MA: Allyn & Bacon.
- Page, D.C. (2003). *Your jaws your life*. Baltimore, MD: SmilePage Publishing.
- Page, D.C., & Mahony, D. (2015, Nov.) The airway, breathing, & orthodontics. *Orthotown.com*, 48-52.
- Perkins, W.H., & Kent, R.D. (1986). *Functional anatomy of speech, language, and hearing: A primer*. Boston, MA: Allyn & Bacon.
- Premkumar, S. (2011). *Textbook of craniofacial growth*. India: JP Brothers Medical Publishing.
- Redstone, F. (1991). Respiratory components of communication. In M.B. Langley & L.J. Lombardino (Eds.), *Neurodevelopmental strategies for managing communication disorders in children with severe motor dysfunction* (pp. 29-48). Austin, TX: Pro-Ed.
- Reidlich, C.E., & Herzfeld, M.E. (1983). *0 to 3 years: An early language curriculum*. Moline, IL: LinguSystems.
- Retherford, K.S. (2003). *Normal development: A database of communication and related behaviors, birth to 12+ years*. Eau Claire, WI: Thinking Publications.
- Rossetti, L.M. (1990). *The Rossetti infant-toddler language scale: A measure of communication and interaction*. East Moline, IL: LinguSystems.
- Sadler, T.W. (2012). *Langman's medical embryology*. (12th ed.). Philadelphia, PA: Lippincott Williams & Wilkins.
- Samuels, M., & Samuels, N. (1991). *The well baby book: A comprehensive manual of baby care, from conception to age 4*. New York, NY: Summit Books.
- Satter, E. (2000). *Child of mine: Feeding with love and good sense*. Boulder, CO: Bull Publishing Company.

- Tuchman, D.N., & Walter, R.S. (1994). *Disorders of feeding and swallowing in infants and children: Pathophysiology, diagnosis, and treatment*. San Diego, CA: Singular Pub Group.
- Upledger, J.E. (1996). *A brain is born: Exploring the birth and development of the central nervous system*. Berkeley, CA: North Atlantic Book.
- Upledger, J.E., & Vredevoogd, J.D. (1983). *Craniosacral therapy*. Seattle, WA: Eastland press.
- Van der Liden, F. (1986). *Facial growth and facial orthopedics*. Hanover, IL: Quintessence Publishing Company, Inc.
- Van Riper, C. (1978). *Speech correction: Principles and methods*. Englewood Cliffs, NJ: Prentice-Hall.
- Vulpe, S.G. (1977). *Vulpe assessment battery: Developmental assessment, performance analysis, individualized programming*. Toronto, ON: National Institute on Mental Retardation.