

## DAFTAR PUSTAKA

- Abate, A., Cavagnetto, D., Fama, A., et al. (2020). Relationship between Breastfeeding and Malocclusion: A Systematic Review of the Literature. *Nutrients*, 12(12), p.3688.
- Abdat, M., Usman, S., Chairunas, et al. (2020). Relationship between stunting with dental and oral status in toddlers. *J Dentomaxillofacial Sci*, 2(5): 114 – 119.
- Abdullah, A. (2021). Factor affecting sequence of eruption of teeth. Degree of B.D.S. University of Baghdad.
- Abou Neel, E., Aljabo, A., Strange, A., et al. (2016). Demineralization-remineralization dynamics in teeth and bone. *Int J Nanomedicine*, Volume 11, pp.4743-4763.
- Aburto, N., Ramirez-Zea, M., Neufeld, L., et al. (2009). Some Indicators of Nutritional Status Are Associated with Activity and Exploration in Infants at Risk for Vitamin and Mineral Deficiencies. *The J Nutr*, 139(9), pp.1751-1757.
- Ahmed, H. and Al-Dahan, Z. (2016). Time of Emergence of Permanent Teeth and Impact of Nutritional Status among 4 - 15 Years Old Children and Teenagers in Basrah City , Iraq. *J. Baghdad Coll. Dent.*, 28(4), pp.134-140.
- Akanda, M. (2016). Understanding Stunting and the Common Characteristics of Households with a Stunted Child. *SSRN Electronic Journal*.
- Akombi, B., Agho, K., Hall, J., et al. (2017). Stunting and severe stunting among children under-5 years in Nigeria: A multilevel analysis. *BMC Pediatrics*, 17(1).
- Almonaitiene R. (2010). Factors Influencing Permanent Tooth Eruption. *Stomatologija Baltic Dental and Maxillofacial Journal*, (12); 67-72.
- Alnemer, K., Pani, S., Althubaiti, A. et al. (2017). Impact of birth characteristics, breast feeding and vital statistics on the eruption of primary teeth among healthy infants in Saudi Arabia: an observational study. *BMJ Open*, 7(12), p.e018621.
- Alshammari, E., Suneetha, E., Adnan, M., et al. (2017). Growth Profile and Its Association with Nutrient Intake and Dietary Patterns among Children and Adolescents in Hail Region of Saudi Arabia. *BioMed Res Int.*, 2017, pp.1-9.
- Alshukairi, H., (2019). Delayed tooth eruption and its pathogenesis in paediatric patient: a review. *J. dent health oral disord.*, 10(3), pp.209-212.

- Anggraini, Y. and Romadona, N. (2020). Review of Stunting in Indonesia. Proceedings of the International Conference on Early Childhood Education and Parenting 2019 (ECEP 2019).
- Apriluana, G. and Fikawati, S. (2018). Analisis Faktor-Faktor Risiko terhadap Kejadian Stunting pada Balita (0-59 Bulan) di Negara Berkembang dan Asia Tenggara. *Media Penelitian dan Pengembangan Kesehatan*, 28(4), pp.247-256.
- Badan Penelitian dan Pengembangan Kesehatan RI. (2013). Riset Kesehatan Dasar (RISKESDAS), p.1–384.
- Bappenas, Kementerian Kesehatan Republik Indonesia, UNICEF, (2018). *Nutrition Capacity Assessment in Indonesia*. Jakarta: Bappenas, Kementerian Kesehatan Republik Indonesia, UNICEF.
- Baranova, J., Büchner, D., Götz, W., et al. (2020). Tooth Formation: Are the Hardest Tissues of Human Body Hard to Regenerate?. *Int. J. Mol. Sci*, 21(11), p.4031.
- Bayrak S., SenTunc E., Tuloglu N., et al. (2012). Timing of Permanent Teeth Eruption in Turkish Children. *J Clin Pediatr Dent.*, 37, p. 207-11.
- Beal, T., Tumilowicz, A., Sutrisna, A., et al. (2018). A review of child stunting determinants in Indonesia. *Matern Child Nutr*, 14(4), p.e12617.
- Belbase, R., Raje, A. and Singh, A. (2019). A review on the role of macro and micro nutrients in bone health. *International Journal of Research in Orthopaedics*, 5(5), p.995.
- Bening, S., Margawati, A. and Rosidi, A. (2017). Zinc deficiency as risk factor for stunting among children aged 2-5 years. *Universa Medicina*, 36(1), p.11.
- Bhaskar SN. *Orban's oral histology and embryology*. Eleventh ed. Mosby; 1991.
- Bhattacharyya N, Chong W H, Gafni R I et al. (2012). Fibroblast growth factor 23: state of the field and future directions. *Trends Endocrinol Metab*, 23, p. 610-618.
- Black, R., Allen, L., Bhutta, Z., Caulfield, L., et al. (2008). Maternal and child undernutrition: global and regional exposures and health consequences. *The Lancet*, 371(9608), pp.243-260.
- Black, R., Victora, C., Walker, S., et al. (2013). Maternal and child undernutrition and overweight in low-income and middle-income countries. *The Lancet*, 382(9890), pp.427-451.

- Bloem, M., de Pee, S., Le Hop, T., et al. (2013). Key Strategies to Further Reduce Stunting in Southeast Asia: Lessons from the ASEAN Countries Workshop. *Food and Nutrition Bulletin*, 34(2\_suppl1), pp.S8-S16.
- Boka, V., K. Markopoulos A., Poulopoulos A. K. (2009). Tooth Eruption: Topical and Systemic Factors that Influence the Process. *Balk J Stom*. 13: 11-14.
- BPS & Kemenkes. (2017). Survei Demografi dan Kesehatan Indonesia (SDKI).
- Budiastutik, I. and Rahfiludin, M. (2019). Faktor Risiko Stunting pada anak di Negara Berkembang. *Amerta Nutrition*, 3(3), p.122.
- Castaneda, B. and Lezot, F. (2015). Second permanent molars: embryological origin, development and eruption. Role of the RANK/RANKL/OPG pathway. *J Dentofacial Anom Orthod*, 18(4), p.402.
- Chaparro C, Oot L, Sethuraman K. (2014). Overview of the Nutrition Situation in Seven Countries in Southeast Asia. Washington, DC: FHI 360/FANTA.
- Chattopadhyay, N. and Saumitra, M. (2016). Developmental Outcome in Children with Malnutrition. *J. Nepal Paediatr. Soc.*, 36(2), pp.170-177.
- Chinsembu, K. (2012). Teeth are bones: Signature genes and molecules that underwrite odontogenesis. *J. Med. Genet. Genomics*, 4(2).
- Chinyoka, K. (2014). Impact of Poor Nutrition on the Academic Performance of Grade Seven learners: A Case of Zimbabwe. *Int. J. Technol. Learn. Innov. Dev.*, 4(3), p.73.
- Chirande, L., Charwe, D., Mbwana, H., et al. (2015). Determinants of stunting and severe stunting among under-fives in Tanzania: evidence from the 2010 cross-sectional household survey. *BMC Pediatrics*, 15(1).
- Choukroune, C. (2017). Tooth eruption disorders associated with systemic and genetic diseases: clinical guide. *J Dentofacial Anom Orthod*, 20(4), p.402.
- Cichero, J. (2016). Introducing solid foods using baby-led weaning vs. spoon-feeding: A focus on oral development, nutrient intake and quality of research to bring balance to the debate. *Nutrition Bulletin*, 41(1), pp.72-77.
- Cleaton-Jones P., Richahrdson B., Granath L., et al. (2000). Nutritional status and dental caries in a large sample of 4- and 5-year-old south african children. *S Afr Med.*, 90(6), p. 631-635.
- Condo, J., Gage, A., Mock, N., et al. (2014). Sex differences in nutritional status of HIV-exposed children in Rwanda: a longitudinal study. *Trop Med Int Health*, 20(1), pp.17-23.

- Coulter, J. (2014). Nutrition and malnutrition in low- and middle-income countries. *Paediatr Int Child Health*, 34(4), pp.233-235.
- Crookston, B., Dearden, K., Alder, S., et al. (2010). Impact of early and concurrent stunting on cognition. *Matern Child Nutr*, 7(4), pp.397-409.
- de Onis, M. and Branca, F. (2016). Childhood stunting: a global perspective. *Matern Child Nutr*, 12, pp.12-26.
- de Onis, M., Brown, D., Blössner, M. and et al. (2012). *Level and Trends in Children Malnutrition*. UNICEF, WHO, The World Bank.
- Dewey, K. and Begum, K. (2011). Long-term consequences of stunting in early life. *Matern Child Nutr*, 7, pp.5-18.
- Dhamo, B., Miliku, K., Voortman, T., et al. (2019). The Associations of Maternal and Neonatal Vitamin D with Dental Development in Childhood. *Curr. Dev. Nutr.*, 3(4).
- Dimaisip-Nabuab, J., Duijster, D., Benzian, H., et al. (2018). Nutritional status, dental caries and tooth eruption in children: a longitudinal study in Cambodia, Indonesia and Lao PDR. *BMC Pediatrics*, 18(1).
- Ekholuenetale, M., Barrow, A., Ekholuenetale, C., et al. (2020). Impact of stunting on early childhood cognitive development in Benin: evidence from Demographic and Health Survey. *Gaz Egypt Paediatr Assoc*, 68(1).
- Elamin, F. and Liversidge, H. (2013). Malnutrition Has No Effect on the Timing of Human Tooth Formation. *PLoS ONE*, 8(8), p.e72274.
- F. Neto, P. and Falcao, M., (2014). Eruption chronology of the first deciduous teeth in children born prematurely with birth weight less than 1500g. *Rev Paul Pediatr.*, 32(1), pp.17-23.
- Fajariyah, R. and Hidajah, A. (2020). Correlation between immunization status and mother's height, and stunting in children 2–5 years in Indonesia. *Jurnal Berkala Epidemiologi*, 8(1), p.89.
- Fantay Gebru, K., Mekonnen Haileselassie, W., Haftom Temesgen, A., et al. (2019). Determinants of stunting among under-five children in Ethiopia: a multilevel mixed-effects analysis of 2016 Ethiopian demographic and health survey data. *BMC Pediatrics*, 19(1).
- Ferreira DCA, Fumes AC, Consolaro A, et al. (2013). Gubernacular cord and canal – does these anatomical structures play a role in dental eruption?.

- Ferreira, H. (2020). Anthropometric assessment of children's nutritional status: a new approach based on an adaptation of Waterlow's classification. *BMC Pediatrics*, 20(1).
- Fink, G., Günther, I. and Hill, K. (2011). The effect of water and sanitation on child health: evidence from the demographic and health surveys 1986–2007. *Int J Epidemiol*, 40(5), pp.1196-1204.
- Fleshman, K. (2000). Bone age determination in a paediatric population as an indicator of nutritional status. *Trop Doct* 30: 16–18.
- Flis, P., Brodetska, L., Kaniura, O., et al. (2019). The regulatory role of the RANKL/RANK/OPG signaling pathway in the mechanisms of tooth eruption in patients with impacted teeth.
- Flynn, J., Alkaff, F., Sukmajaya, W. et al. 2020. Comparison of WHO growth standard and national Indonesian growth reference in determining prevalence and determinants of stunting and underweight in children under five: a cross-sectional study from Musi sub-district. *F1000 Res.*, 9, p.324.
- Franzolin, S., Pardini, M., Francischone, L., et al. (2019). Explanation for the signs and symptoms of tooth eruption: mast cells. *Dental Press J Orthod* , 24(2), pp.20-31.
- Frazier-Bowers SA, Hendricks HM. (2015). Failure of tooth eruption: diagnosis and management. In: Wright JT, editor. Craniofacial and dental developmental defects: diagnosis and management. Springer.
- Gambhir, R., Galhotra, V., Ahluwalia, P., et al. (2015). Effect of nutritional rickets on dental development in North Indian children: A prospective study. *J. Pediatr. Dent.*, 3(3), p.88.
- Gat-Yablonski, G. and Phillip, M. (2015). Nutritionally-Induced Catch-Up Growth. *Nutrients*, 7(1), pp.517-551.
- Gondivkar, S., Gadball, A., Gondivkar, R., et al. (2019). Nutrition and oral health. *Dis Mon*, 65(6), pp.147-154.
- Hamsin, N., Indriyanti, R. and Musnamirwan, I. (2014). Prevalence of delayed first permanent molar eruption among children 7 to 9 years old. *Padjadjaran Journal of Dentistry*, 26(1).
- He, M., Dong, X., Wang, P., et al. (2019). The expressions of tooth eruption relevant genes are different in incisors and molars dental follicle cells in rat: an in vitro study.

- Heinrich-Weltzien, R., Zorn, C., Monse, B. et al. (2013). Relationship between Malnutrition and the Number of Permanent Teeth in Filipino 10- to 13-Year-Olds. *BioMed Res. Int.*, 2013, pp.1-8.
- Henning, P., Conaway, H. and Lerner, U., 2015. Retinoid Receptors in Bone and Their Role in Bone Remodeling. *Front. Endocrinol.*, 6.
- Hoddinott, J., Behrman, J., Maluccio, J., et al. (2013). Adult consequences of growth failure in early childhood. *Am. J. Clin. Nutr.*, 98(5), pp.1170-1178.
- Huang, D., Ren, J., Li, R., Guan, C., et al. (2019). Tooth Regeneration: Insights from Tooth Development and Spatial-Temporal Control of Bioactive Drug Release. *Stem Cell Reviews and Reports*, 16(1), pp.41-55.
- Huriah, T., Trisnantoro, L., Haryanti, F. and Julia, M. (2014). Malnutrisi Akut Berat dan Determinannya pada Balita di Wilayah Rural dan Urban. *Kesmas: National Public Health Journal*, 9(1), p.50.
- International Food Policy Research Institute. 2014. Washington, DC: Global Nutrition Report 2014: Actions and Accountability to Accelerate the World's Progress on Nutrition. *Adv Nutr*, 6(3), pp.278-279.
- Isaia, G., Marchese, L., Marchetti, M., et al. (2016). Parathyroid Hormone Secretion and Action. *Updates in Surgery*, pp.21-28.
- Kadiresan, K., Gough, J., Hulshof, K., et al. (2018). Asia and the pacific regional overview of food security and nutrition. Accelerating Progress Towards the SDGs series of the food and Agriculture Organization of the United Nations, p. 11-13.
- Kamarthi, N., Venkatraman, S. and Patil, P. (2013). Dental findings in the diagnosis of idiopathic hypoparathyroidism. *Ann Saudi Med*, 33(4), pp.411-413.
- Karimi, M. (2019). The Effects of Breastfeeding on the Process of Tooth and Jaw's Development. *Interventions in Pediatric Dentistry Open Access Journal*, 3(3).
- Karp, J. (2011). Delayed Tooth Emergence. *Pediatrics in Review*, 32(1), pp.e4-e17.
- Kementrian Kesehatan Republik Indonesia. (2018). *Laporan Nasional Riskesdas*. Jakarta: Lembaga Penerbit Badan Penelitian dan Pengembangan Kesehatan.
- Kementrian PPN/ Bappenas, (2019). *Pembangunan Gizi di Indonesia*. Jakarta Pusat: Kementrian PPN/ Bappenas.

- Kementrian PPN/Bappenas, (2018). *The Consolidated Report on Indonesia Health Sector Review 2018*. Bappenas.
- Kero, D. and Babic, M. (2016). Odontogenesis - a Masterful Orchestration of Functional Redundancy or What Makes Tooth Bioengineering an Intrinsically Difficult Concept. *J Stem Cell Res Ther.*, 1(3).
- Khara, T., Mwangome, M., Ngari, M., et al. (2017). Children concurrently wasted and stunted: A meta-analysis of prevalence data of children 6–59 months from 84 countries. *Matern Child Nutr*, 14(2).
- Kim, I., Lee, H., Ju, H., et al. (2018). A cross-sectional study on the association between vitamin D levels and caries in the permanent dentition of Korean children. *BMC Oral Health*, 18(1).
- Kim, J., Kim, D., Kim, S., et al. (2020). 4-Hexylresorcinol Administration Increases Dental Hard Tissue Formation and Incisor Eruption Rate in Rats. *Applied Sciences*, 10(16), p.5511.
- Kim, R., Mejía-Guevara, I., Corsi, D., et al. (2017). Relative importance of 13 correlates of child stunting in South Asia: Insights from nationally representative data from Afghanistan, Bangladesh, India, Nepal, and Pakistan. *Social Science & Medicine*, 187, pp.144-154.
- Kjær, I. (2014). Mechanism of Human Tooth Eruption: Review Article Including a New Theory for Future Studies on the Eruption Process. *Scientifica*, 2014, pp.1-13.
- Koch G, Kreiborg S, Andreasen Jo. Eruption And Shedding Of Teeth. In: Koch G, Poulsen S, Espelid I, Haubek D, eds. *Pediatric dentistry. A clinical approach*, 3rd edn. Oxford: John Wiley & Sons, 2017; 40–54.
- Koch G, Poulsen S. *Pediatric dentistry: a clinical approach*, 2nd ed., Oxford: Blackwell Publishing, 2009; 208.
- Kohli, S. and Kohli, V. (2011). Role of RANKL-RANK/osteoprotegerin molecular complex in bone remodeling and its immunopathologic implications. *Indian J Endocrinol Metab.*, 15(3), p.175.
- Kreiborg, S. and Jensen, B. (2018). Tooth formation and eruption – lessons learnt from cleidocranial dysplasia. *Eur J Oral Sci*, 126(S1), pp.72-80.
- Kristiani, A., Primawati, RS., Fatimah, ES. (2017). Hubungan status gizi dengan erupsi gigi molar pertama tetap pada murid kelas 1 SDN 02 Kabupaten Garut. *Journal Actual Research Science Academic*, 7(7): 7-14.
- Kumar, H., Bagewadi, N., Bagewadi, S., et al. (2016). Comparison of chronology of teeth eruption with body mass index among school children at

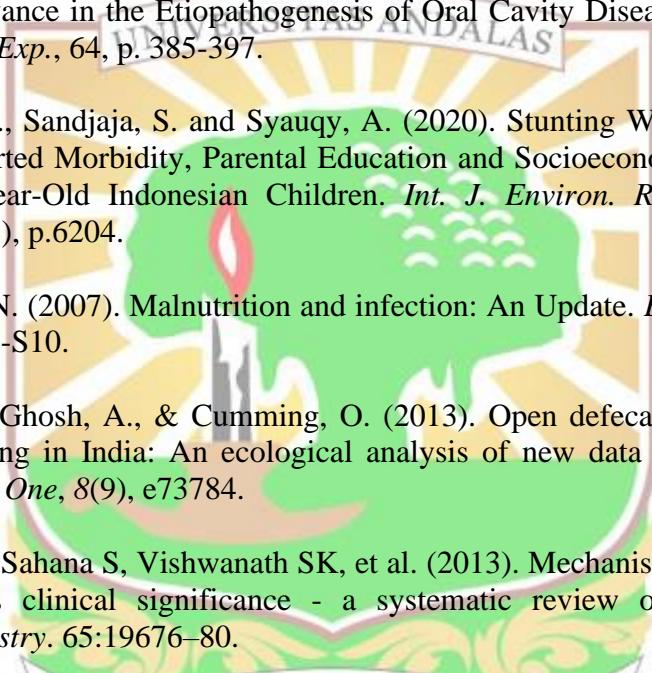
- Mangalore: A cross-sectional study. *J Indian Assoc Public Health Dent.*, 14(3), p.276.
- Kutesa, A., Nkamba, E., Muwazi, L., et al. (2013). Weight, height and eruption times of permanent teeth of children aged 4–15 years in Kampala, Uganda. *BMC Oral Health*, 13(1).
- Kwon, H. and Jiang, R. (2018). Development of Teeth. *Reference Module in Biomedical Sciences*.
- Lacruz, R., Habelitz, S., Wright, J., et al. (2017). Dental Enamel Formation and Implications for Oral Health and Disease. *Physiological Reviews*, 97(3), pp.939-993.
- Lailasari, D., Zenab, Y., Herawati, E. et al. (2018). Correlation between permanent teeth eruption and nutrition status of 6-7-years-old children. *Padjadjaran Journal of Dentistry*, 30(2), p.116.
- Le Révérend, B., Edelson, L. and Loret, C. (2013). Anatomical, functional, physiological and behavioural aspects of the development of mastication in early childhood. *Br. J. Nutr.*, 111(3), pp.403-414.
- Lee, M., Lee, H., Song, J., Lee, J., Choi, B., Kim, S. and Kim, S., 2017. Clinical Features and Correlation With Congenital Missing Teeth of Delayed First Permanent Molar. *J Korean Acad Pediatr Dent.*, 44(1), pp.56-63.
- Leroy, J., Ruel, M., Habicht, J., et al. (2014). Linear Growth Deficit Continues to Accumulate beyond the First 1000 Days in Low- and Middle-Income Countries: Global Evidence from 51 National Surveys. *J. Nutr.*, 144(9), pp.1460-1466.
- Lestari, W., Margawati, A. and Rahfiludin, Z. (2014). Faktor risiko stunting pada anak umur 6-24 bulan di kecamatan Penanggalan kota Subulussalam provinsi Aceh. *Jurnal Gizi Indonesia*, 3(1), pp.37-45.
- Li, Y., Jacox, L., Little, S. and Ko, C., 2018. Orthodontic tooth movement: The biology and clinical implications. *The Kaohsiung Journal of Medical Sciences*, 34(4), pp.207-214.
- Linden, F. (2013). *Development of the human dentition*. Houten, The Netherlands: Quintessence Publishing Co, Inc, pp.16-19.
- Liu Y, Feng J, Li J, et al. (2015). An Nf1c-hedgehog signaling cascade regulates tooth root development. *Dev.* 142(19):3374– 3382.
- Loto AO. (2017). Tooth eruption: a neuromuscular theory, part one. *J. Craniomax. Res.*, 4(1):278–83.

- MacDonell, R., Hamrick, M. and Isales, C. (2016). Protein/amino-acid modulation of bone cell function. *BoneKEy Reports*, 5.
- Mahyar A., Ayazi P., Gholmohammadi P., et al., (2016). The role of overweight and obesity in urinary tract infection in children. *Infez Med.*, 24, p. 38-42.
- Manne, R., Gandikota, C., Juvvadi, S., et al. (2012). Impacted canines: Etiology, diagnosis, and orthodontic management. *J. Pharm. Bioallied Sci.*, 4(6), p.234.
- Marjianto, A., Sylvia, M. and Wahluyo, S., (2019). Permanent tooth eruption based on chronological age and gender in 6-12-year old children on Madura. *Dental Journal (Majalah Kedokteran Gigi)*, 52(2), p.100.
- Maslovich, MM., Burke, LM., 2020. *Intrauterine Fetal Demise*. Treasure Island: StatPearls Publishing.
- Mei, Z. (2007). Standard deviation of anthropometric Z-scores as a data quality assessment tool using the 2006 WHO growth standards: a cross country analysis. *Bulletin of the World Health Organization*, 85(6), pp.441-448.
- Mew, J. (2005). Delayed tooth eruption. *Am J Orthod Dentofacial Orthop*, 127(3), p.276.
- Mizoguchi T. (2011). RANKL signaling and bone diseases: Quiescent osteoclast precursors and RANKL signaling. *Clin Calcium.*, 21, p. 1187-1192.
- Mkhize, M. and Sibanda, M. (2020). A Review of Selected Studies on the Factors Associated with the Nutrition Status of Children Under the Age of Five Years in South Africa. *Int. J. Environ. Res. Public Health*, 17(21), p.7973.
- Mohan, V., Ranjani, H., Mehreen, T., et al. (2016). Epidemiology of childhood overweight & obesity in India: A systematic review. *Indian J Med Res*, 143(2), p.160.
- Mondal, D., Minak, J., Alam, M. et al. (2011). Contribution of Enteric Infection, Altered Intestinal Barrier Function, and Maternal Malnutrition to Infant Malnutrition in Bangladesh. *Clin Infect Dis*, 54(2), pp.185-192.
- Murray, C., Vos, T., Lozano, R., et al. (2012). Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990–2010: a systematic analysis for the Global Burden of Disease Study 2010. *The Lancet*, 380(9859), pp.2197-2223.
- Must, A., Phillips, S., Tybor, D., et al. (2012). The Association Between Childhood Obesity and Tooth Eruption. *Obesity*, 20(10), pp.2070-2074.

- Nagata, M., Ono, N. and Ono, W. (2019). Mesenchymal Progenitor Regulation of Tooth Eruption: A View from PTHrP. *J. Dent. Res.*, 99(2), pp.133-142.
- Nahar, S. and Pillai, V. (2019). Girl Child Discrimination and Child Stunting in India: What Can be Done?. *The International Journal of Community and Social Development*, 1(1), pp.75-86.
- Nakamichi Y and Takahashi N. (2015). Current Topics on Vitamin D: The role of active forms of vitamin D in regulation of bone remodeling. *Clin Calcium*, 25, p. 395-402.
- Nakamura, Y. and Siregar, M. (2017). Motor Development in Malnourished Children in Indonesia. *Paediatrica Indonesiana*, 38(1-2), p.29.
- Nanci A. Ten Cate's oral histology: development, structure and function. Eighth ed. Elsevier; 2013.
- Nanci A. Ten Cate's Oral Histology-e-book: development, structure, and function. Elsevier. Health Sciences; 2017 Aug 15. 6.
- Nel S, Hendrik HD, Boy SC and Raubenheimer EJ. (2015). Recent perspectives vis-à-vis the biological basis of tooth eruption. *South African Dental J*. 70(6): 238-241
- Nshimyiryo, A., Hedt-Gauthier, B., Mutaganzwa, C., et al. (2019). Risk factors for stunting among children under five years: a cross-sectional population-based study in Rwanda using the 2015 Demographic and Health Survey. *BMC Public Health*, 19(1).
- Ntani, G., Day, P., Baird, J., et al. (2015). Maternal and early life factors of tooth emergence patterns and number of teeth at 1 and 2 years of age. *J Dev Orig Health Dis.*, 6(4), pp.299-307.
- Ntenda, P. and Chuang, Y. (2018). Analysis of individual-level and community-level effects on childhood undernutrition in Malawi. *Pediatrics & Neonatology*, 59(4), pp.380-389.
- Nurliyana, A., Mohd Shariff, Z., Mohd Taib, et al. (2016). Early nutrition, growth and cognitive development of infants from birth to 2 years in Malaysia: a study protocol. *BMC Pediatrics*, 16(1).
- Omar, N., Gomes, J., Neves, J., Salmon, C. and Novaes, P. (2011). MT1-MMP expression in the odontogenic region of rat incisors undergoing interrupted eruption. *J Mol Histol*, 42(6), pp.505-511.
- Omi, M. and Mishina, Y., (2020). Role of osteoclasts in oral homeostasis and jawbone diseases. *Oral Sci. Int.*, 18(1), pp.14-27.

- Park, J., Tai, K. and Iida, S. (2013). Unilateral delayed eruption of a mandibular permanent canine and the maxillary first and second molars, and agenesis of the maxillary third molar. *Am J Orthod Dentofacial Orthop*, 143(1), pp.134-139.
- Park, S., Bae, H., Cho, Y., et al. (2013). Apoptosis of the reduced enamel epithelium and its implications for bone resorption during tooth eruption. *J Mol Histol*, 44(1), pp.65-73.
- Partyka, M., Chałas, R., Dunin- Wilczyńska, et al. (2018). Influence of growth hormone therapy on selected dental and skeletal system parameters. *Ann Agric Environ Med*, 25(1), pp.60-65.
- Peedikayil FC. (2011). Delayed tooth eruption. *e-J Dent.* 1(4), p.81–86.
- Pflipsen, M., Zencheko, Y. (2017). Nutrition for oral health and oral manifestations of poor nutrition and unhealthy habits. *General Dentistry*, 412, p. 44.
- Pinho, J., Thomaz, E., Ribeiro, C., et al. (2019). Factors associated with the development of dental defects acquired in the extrauterine environment. *Braz Oral Res*, 33.
- Pomeroy, E., Stock, J., Stanojevic, S., et al. (2012). Trade-Offs in Relative Limb Length among Peruvian Children: Extending the Thrifty Phenotype Hypothesis to Limb Proportions. *PLoS ONE*, 7(12), p.e51795.
- Poureslami, H., Asl Aminabadi, N., Sighari Deljavan, et al. (2015). Does Timing of Eruption in First Primary Tooth Correlate with that of First Permanent Tooth? A 9-years Cohort Study. *J Dent Res Dent Clin Dent Prospects.*, 9(2), pp.79-85.
- Powers J G and Gilchrest B A. (2012). What you and your patients need to know about vitamin D. *Seminars in Cutaneous Medicine and Surgery*, 31, p. 2-10.
- Prendergast, A. and Humphrey, J. (2014). The stunting syndrome in developing countries. *Paediatr Int Child Health*, 34(4), pp.250-265.
- Priya R., S., Kavitha, B. and Sivapathasundharam, B., (2020). Tooth Eruption: A Review. *Medico-Legal Update*, 20(4). p. 2267-2270.
- Psoter W, Gebrian B, Prophete S, et al. (2008). Effect of early childhood malnutrition on tooth eruption in Haitian adolescents. *Community Dent Oral Epidemiol* 36: 179–189.
- Pusat Data dan Informasi Kementerian Kesehatan RI (2018). Situasi Balita Pendek (Stunting) di Indonesia. *Buletin Jendela Data dan Informasi Kesehatan*.

- Rabea, A. (2018). Recent advances in understanding theories of eruption (evidence based review article). *Future Dent J*, 4(2), pp.189-196.
- Rahayu, L., 2011. Associated of health of parents with changes of stunting from 6- 12 months to 3-4 years. Thesis. University of Gajah Mada.
- Rathee, D., Bhoria, D. and Kundu, D. (2013). Vitamin A and Oral Health: A Review. *Indian J. Appl. Res*, 3(10), pp.1-2.
- Rathee, M., Jain, P. (2020). Embryology, Teeth. [Updated 2020 Aug 4]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK560515/>
- Rowe P, Koller A, Sharma S. Physiology, bone remodeling. StatPearls. Florida: StatPearls Publishing, 2020
- Sarrafpour, B., Swain, M., Li, Q. et al. (2013). Tooth Eruption Results from Bone Remodelling Driven by Bite Forces Sensed by Soft Tissue Dental Follicles: A Finite Element Analysis. *PLoS ONE*, 8(3), p.e58803.
- Scaling Up Nutrition. (2013). Country Progress in Scaling Up Nutrition. [http://scalingupnutrition.org/wpcontent/uploads/2013/02/SUN-progress-January-2013-22\\_1-v2.pdf](http://scalingupnutrition.org/wpcontent/uploads/2013/02/SUN-progress-January-2013-22_1-v2.pdf)
- Scrimshaw, N. and San Giovanni, J. (1997). Synergism of nutrition, infection, and immunity: an overview. *Am. J. Clin. Nutr*, 66(2), pp.464S-477S.
- Semba, R., Moench-Pfanner, R., Sun, K., de Pee, et al. (2011). Consumption of Micronutrient-Fortified Milk and Noodles is Associated with Lower Risk of Stunting in Preschool-Aged Children in Indonesia. *Food and Nutrition Bulletin*, 32(4), pp.347-353.
- Seo, H., Cho, Y., Kim, et al. (2010). Zinc may increase bone formation through stimulating cell proliferation, alkaline phosphatase activity and collagen synthesis in osteoblastic MC3T3-E1 cells. *Nutr Res Pract*, 4(5), p.356.
- Seyedmajidi, S.A., M. Seyedmajidi, A. Moghadamnia., Z., et al. (2014). Effect of Zinc-Deficient Diet on Oral Tissues and Periodontal Indices in Rats. *Int J Mol Cell Med Spring*. 3(2): 81-87.
- Shafer WG. Textbook of Oral Pathology. 4th edition. Philadelphia: WB Saunders Co., 1983.
- Sharma, D., Shastri, S. and Sharma, P. (2016). Intrauterine Growth Restriction: Antenatal and Postnatal Aspects. *Clin Med Pediatr*, 10, p. CMPed. S40070.
- Simione, M., Loret, C., Le Révérend, B., et al. (2018). Differing structural properties of foods affect the development of mandibular control and

- 
- muscle coordination in infants and young children. *Physiol. Behav.*, 186, pp.62-72.
- Sinaga, H., A., Sitanggang, B. and Hadi, A., (2018). A Simple Nutrition Screening Tool for Detecting Stunting of Pre-Schoolers: Development and Validity Assessment. *Pak J Nutr.*, 17(5), pp.236-241.
- Singh, P. and Jha, M. (2020). Rootless and prematurely erupted tooth: A case report. *J Family Med Prim Care*, 9(3), p.1741.
- Siswati, T., Hookstra, T. and Kusnanto, H. (2020). Stunting among children Indonesian urban areas: What is the risk factors?.. *J. gizi dietetik Indones.*, 8(1), p.1.
- Slebioda Z, Szponar E and Dorocka-Bobkowska B. (2016). Vitamin D and Its Relevance in the Etiopathogenesis of Oral Cavity Diseases. *Arch Immunol Ther Exp.*, 64, p. 385-397.
- Soekatri, M., Sandjaja, S. and Syauqy, A. (2020). Stunting Was Associated with Reported Morbidity, Parental Education and Socioeconomic Status in 0.5–12-Year-Old Indonesian Children. *Int. J. Environ. Res. Public Health*, 17(17), p.6204.
- Solomons, N. (2007). Malnutrition and infection: An Update. *Br. J. Nutr.*, 98(S1), pp.S5-S10.
- Spears, D., Ghosh, A., & Cumming, O. (2013). Open defecation and childhood stunting in India: An ecological analysis of new data from 112 districts. *PLoS One*, 8(9), e73784.
- Srinath SK, Sahana S, Vishwanath SK, et al. (2013). Mechanism of tooth eruption & its clinical significance - a systematic review of literature. *Elixir Dentistry*. 65:19676–80.
- Stewart, C., Iannotti, L., Dewey, K., et al. (2013). Contextualising complementary feeding in a broader framework for stunting prevention. *Matern Child Nutr*, 9, pp.27-45.
- Stuijvenberg, M., Nel, J., Schoeman, S., Plessis, L. and Dhansay, M., 2015. Low Intake of Calcium and Vitamin D is Associated with Stunting in 2-5-Year-Old Children from an Impoverished South African Community. *European Journal of Nutrition & Food Safety*, 5(5), pp.459-460.
- Suri, L., Gagari, E. and Vastardis, H. (2004). Delayed tooth eruption: Pathogenesis, diagnosis, and treatment. A literature review. *Am J Orthod Dentofacial Orthop.*, 126(4), pp.432-445.

- Takahashi N. (2013). Mechanism of inhibitory action of eldecalcitol, an active vitamin D analog, on bone resorption in vivo. *J Steroid Biochem Mol Biol.*, 136, p. 171-174.
- Tan, C., Ekambaram, M. and Yiu, C. (2018). Prevalence, characteristic features, and complications associated with the occurrence of unerupted permanent incisors. *PLOS ONE*, 13(6), p.e0199501.
- Taru, S., Jawade, R., Baghele, O., et al. (2017). Magnesium and Zinc Levels in Individuals Having Generalized Chronic Periodontitis. *J Int Clinical Dental Res Organization.*, 9(2), p.71.
- Telford, R., Olive, L., et al. (2016). Why Are Girls Less Physically Active than Boys? Findings from the LOOK Longitudinal Study. *PLOS ONE*, 11(3), p.e0150041.
- Tim Indonesibaik.id, (2019). *Bersama Perangi Stunting*. 1st ed. Direktorat Jenderal Informasi dan Komunikasi Publik Kementerian Komunikasi dan Informatika.
- Tim Nasional Percepatan Penanggulangan Kemiskinan, (2017). *100 Kabupaten/Kota Prioritas untuk Intervensi Anak Kerdil (Stunting)*. Tim Nasional Percepatan Penanggulangan Kemiskinan.
- Titaley, C., Ariawan, I., Hapsari, D., et al. (2019). Determinants of the Stunting of Children Under Two Years Old in Indonesia: A Multilevel Analysis of the 2013 Indonesia Basic Health Survey. *Nutrients*, 11(5), p.1106.
- Tiwari, R., Ausman, L. and Agho, K. (2014). Determinants of stunting and severe stunting among under-fives: evidence from the 2011 Nepal Demographic and Health Survey. *BMC Pediatrics*, 14(1).
- Tobeiha, M., Moghadasian, M., Amin, N. and Jafarnejad, S. (2020). RANKL/RANK/OPG Pathway: A Mechanism Involved in Exercise-Induced Bone Remodeling. *BioMed Res Int*, 2020, pp.1-11.
- Torlesse, H., Cronin, A., Sebayang, S. et al. (2016). Determinants of stunting in Indonesian children: evidence from a cross-sectional survey indicate a prominent role for the water, sanitation and hygiene sector in stunting reduction. *BMC Public Health*, 16(1).
- Torres L., Martinez M.R., Garcia J. M., (2015). A study on the chronology and sequence of eruption of primary teeth in Spanish children. *Eur J Paediatr Dent.*, 6(4), p.301-4.
- Turner G, Anderson H. & Morris A. (2012). Vitamin D and bone health. *Scand J Clin Lab Invest.* 72., p. 65–72.

- UN. (2015). Sustainable Development Goals: <https://sustainabledevelopment.un.org/sdgs>
- UNICEF, (2020). *The State Children in Indonesia*. Trends, Opportunities and Challenges for Realizing Children's Rights. Jakarta: UNICEF.
- UNICEF. (2021). *Improving Child Nutrition: The achievable imperative for global progress*. [online] Available at: <[https://sites.unicef.org/nutrition/index\\_68661.html](https://sites.unicef.org/nutrition/index_68661.html)> [Accessed 9 February 2021].
- Uribe, P., Plakwicz, P., Larsson, L., et al. (2018). Study on site-specific expression of bone formation and resorption factors in human dental follicles. *Eur J Oral Sci*, 126(6), pp.439-448.
- Vannucci, L., Fossi, C., Quattrini, S., et al. (2018). Calcium Intake in Bone Health: A Focus on Calcium-Rich Mineral Waters. *Nutrients*, 10(12), p.1930.
- Verma, N., Bansal, A., Tyagi, P., et al. (2017). Eruption Chronology in Children: A Cross-sectional Study. *Int J Clin Pediatr Dent*, 10(3), pp.278-282.
- Vonaesch, P., Randremanana, R., Gody, J., et al. (2018). Identifying the etiology and pathophysiology underlying stunting and environmental enteropathy: study protocol of the AFRIBIOTA project. *BMC Pediatrics*, 18(1).
- Wali, N., Agho, K. and Renzaho, A. (2020). Factors Associated with Stunting among Children under 5 Years in Five South Asian Countries (2014–2018): Analysis of Demographic Health Surveys. *Nutrients*, 12(12), p.3875.
- Wemakor, A., Garti, H., Azongo, T., et al. (2018). Young maternal age is a risk factor for child undernutrition in Tamale Metropolis, Ghana. *BMC Research Notes*, 11(1).
- WHO, (2021). *Reducing Stunting in Children*. Equity Considerations for Achieving the Global Nutritions Targets 2025. Geneva: WHO.
- WHO. (2018). NLiS. Stunting, wasting, overweight and underweight – Nutrition Landscape Information System (NLis); <http://apps.who.int/nutrition/landscape/help.aspx?menu=0&helped=391&language=EN>.
- Who.int. (2021). *WHO / Chart Catalogue*. [online] Available at: <[https://www.who.int/childgrowth/standards/chart\\_catalogue/en/](https://www.who.int/childgrowth/standards/chart_catalogue/en/)> [Accessed 24 January 2021].

- Who.int. (2021). *WHO / Global targets 2025: Poster*. [online] Available at: <[https://www.who.int/nutrition/topics/nutrition\\_globaltargets2025/en/](https://www.who.int/nutrition/topics/nutrition_globaltargets2025/en/)> [Accessed 7 February 2021].
- Who.int. (2021). *WHO child growth standards: length/height-for-age, weight-for-age, weight-for-length, weight-for-height and body mass index-for-age: methods and development*. [online] Available at: <<https://www.who.int/publications/i/item/924154693X>> [Accessed 9 February 2021].
- Wicaksono, F. and Harsanti, T. (2020). Determinants of Stunted Children in Indonesia: A Multilevel Analysis at the Individual, Household, and Community Levels. *Kesmas: National Public Health Journal*, 15(1), p.48.
- Williams, P. and Berkley, J. (2016). *Severe Acute Malnutrition Update: Current WHO Guidelines And Essential Medicine List For Children*. World Health Organization.
- Wise, G. and King, G. (2008). Mechanisms of Tooth Eruption and Orthodontic Tooth Movement. *J Dent Res*, 87(5), pp.414-434.
- Wong, H., Peng, S. and McGrath, C. (2019). Association of infant growth with emergence of permanent dentition among 12 year-aged southern Chinese school children. *BMC Oral Health*, 19(1).
- Xiong, J., Piemontese, M., Thostenson, J., et al. (2014). Osteocyte-derived RANKL is a critical mediator of the increased bone resorption caused by dietary calcium deficiency. *Bone*, 66, pp.146-154.
- Yao, S., Prpic, V., Pan, F. et al. (2010). TNF- $\alpha$  Upregulates Expression of BMP-2 and BMP-3 Genes in the Rat Dental Follicle—Implications for Tooth Eruption. *Connective Tissue Res.*, 51(1), pp.59-66.
- Yu, T. and Klein, O. (2020). Molecular and cellular mechanisms of tooth development, homeostasis and repair. *Development*, 147(2), p.dev184754.
- Yudiya, TA., Adhani, R., Hamdani R. (2020). Hubungan stunting terhadap keterlambatan erupsi gigi kaninus atas permanen pada anak usia 11 – 12 tahun. *Jurnal Tugas Akhir Mahasiswa FKG Universitas Lambung Mangkurat*, 4(3), p. 56-61.
- Zarabadipour, M., Vahdat, G. and Khani, R. (2019). Factors influencing eruption time of first deciduous tooth. *J Oral Res.*, 8(4), pp.305-309.
- Zengin A. Z., Celenk P., Gunduz K., et al. (2014). Primary double teeth and their effect on permanent successors. *Eur J Paediatr Dent.*, 15(3), p. 309-12.