

## DAFTAR PUSTAKA

- Adil, M., Adil, S., Syed, K., Aziz, T., dan Badshah, A., 2016, Comparison of inter premolar, molar widths and arch depth among different malocclusions, *Pakistan Oral & Dental Journal*, vol. 36, no. 2, hh. 241-244.
- Ahmed, Z.S.H., dan Diab, B.S., 2015, The Effect of Nutritional Status on Arch Width and Length of Permanent Teeth among Fifteen Years Old Students, *International Journal of Science and Research*, vol. 6, no. 4, hh. 1139-1144
- Alam MK, Shahid F, Purmal K, Ahmad B, Khamis MF, 2014, Bolton tooth size ratio and its relation with arch widths, arch length and arch perimeter: a cone beam computed tomography (CBCT) study, *Acta Odontol Scand*, vol. 72, no. 8, hh. 1047-53.
- Alkadhi, O.H., Almahfouz, S.F., Tokhtah, H.A., dan Binhuwaishe, L.A., 2018, Dental Arch Dimensions in Saudi Adults, *International Journal of Dentistry*, vol. 2018, Article ID 2190250, hh. 1-10
- Al-Khatib, A.R., Rajion, Z., Masudi, S.M., Hassan, R., Anderson, P.J., dan Townsend, G.C., 2011, Tooth size and dental arch dimensions: astereophotogrammetric study in Southeast Asian Malays, *Orthod Craniofac Res*, vol. 14, no. 4, hh.243-253
- Alvesalo, L., dan Tammissalo, E., 1981, Enamel thickness of 45, X females' permanent teeth. *Am J Human Genetics*, vol. 33, no. 3, hh. 464-469
- Alvesalo, L., 1997, Sex chromosomes and human growth A dental approach, *Hum Genet* vol. 101, no. 1, hh. : 1-5
- Ashfaq, M., Ahmed dan Abilasha, Dental Arch Measurements, *J. Pharm. Sci. & Res*, vol. 8, no. 10, hh. 1199-1201)
- Bishara, S.E., 2001, *Textbook Of Orthodontics*, W.B. Saunders Company, Philadelphia
- Botero, P.M., Cuesta, D.P., Agudelo, S., Hincapie, C., dan Ramirez, C., 2014, Original articles derived from research assessment of Moyers and Tanaka-Johnston mixed dentition analyses for the prediction of mesiodistal diameters of unerupted canines and premolars, *Rev Fac Odontol Univ Antioq*, vol.25, no.2, hh. 1-8
- Burris, B.G., dan Harris E/F., 2000, Maxillary arch size and shape in American blacks and whites, *Angle Orthod.*, vol. 70, no. 4, hh. 297-302
- Butt, S., Chaudhry, S., Javed, M., Wahid, A., Ehsan, A., Phil M., dan Khan A.A., 2012, Mixed dentition space analysis: a review, *Pakistan Oral and Dental Journal*, vol. 32, no. 3, hh. 502-507

- Buwembo, W, dan Luboga, S., 2004, Moyer's Method of mixed dentition analysis: a meta-analysis, *African Health Science*, vol. 4, no. 1, hh 63-66
- Carter G.A., dan McNamara, J.A. Jr., 1998, Longitudinal dental arch changes in adults. *Am J Orthod Dentofacial Orthop*, vol. 114, no. 1, hh. 88-99.
- Chong, S.Y., Aung, L.M., Pan, Y.H., Chang, W.J., dan Tsai, C.Y., 2021, Equation for Tooth Size Prediction from Mixed Dentition Analysis for Taiwanese Population: A Pilot Study, *Int. J. Environ. Res. Public Health*, vol.18, 6356. <https://doi.org/10.3390/ijerph18126356>
- Cruz B.S., Rothier, E.K.C., Vilella, B.S., Vilella, O., dan Nascimento, R.R., 2014, Evaluation of two methods for mixed dentition analysis using the method error, *Braz J Oral Sci.*, vol. 13 no. 3, hh. 163-167
- Damayanti, I.A.M., Junith, I.K., Suaskara, I.B.M., 2017, Pola pertumbuhan berdasarkan berat dan tinggi badan siswa pada sekolah negeri dan swasta di kota Denpasar, Bali, *Jurnal Biologi Udayana*, vol. 21, no. 2, hh. 78 –87
- Dasgupta, B., Zahir, S., 2012 Comparison of two non-radiographic techniques of mixed dentition analysis and evaluation of their reliability for Bengali population, *Contemp Clin Den*, vol. 3, no. 2, hh. 146-50
- Dimaisib-Nabuab, J., Duijster D., Benjian, H., Heinrich-Weltzien R., Homsavath A., Monse B., Sithan, H., Stauf, N., Susilawati, S., dan Kromeyer-Hauschild K., 2018, Nutritional status, dental caries, and tooth eruption in children: a longitudinal study in Cambodia, Indonesia, and Lao PDR. *BMC Pediatrics* vol. 18, no. 300, hh. 1-12.
- Dung, T.M., Ngoc, V.T.N., Hiep, N.H., Khoi, T.D., Xiem, V.V., Chu-Dinh, T., Cieslar-Pobuda, A., Stoufi, E., Show, P.L., Tao, Y., Bac, N.D., Ba, N.V., Le, Q.A., Pham, V.H., dan Chu, D.T., 2019, Evaluation of dental arch dimensions in 12-year-old Vietnamese children - A cross-sectional study of 4565 subjects, *ScientificReports*, vol. 9, no. 3101, hh. 1-7.
- Edith, I.R., Toppo, S., dan Haerawati, S.D., Perbedaan ukuran dan bentuk lengkung gigi antara laki-laki dan perempuan suku Bugis, Makassar, dan Toraja, *Dentofasial* vol. 11, no. 3, hh. 156-160
- Ferguson, D.J, 2016, Growth of The Face and Dental Arches, dalam *Dentistry for the Child and Adolescent*, 11<sup>th</sup> ed, McDonald and Avery's, hh. 428-441
- Farzin, M., Giti, M., dan Heidari, E., 2020, Age-related Changes in Tooth Dimensions in Adults in Shiraz, Iran, *J Int Oral Health* vol.12, no 7, hh. 24-29.
- Foster, T.D., 1999, *Buku Ajar Ortodonsi* ed III, Penerbit Buku Kedokteran EGC, Jakarta.
- Foster, T.D., 2016, *Buku Ajar Ortodonsi*, Penerbit Buku Kedokteran EGC, Jakarta.

- Galvão, M.A.B., Dominguez, G.C., Tormin, S.T., Akamine A, Tortamano A, dan Fantini SM 2013, Applicability of Moyers analysis in mixed dentition: A systematic review *Dental Press J Orthod*, vol. 18, no. 6, hh.100-105
- George, S., Rai, R., Shetty, N., dan Shetty, N., Hereditary Factors and Tooth Dimensions: A Twin Study
- Hambire, C.U., dan Sujan, S., 2015, Evaluation of validity of Tanaka Johnston analysis in Mumbai school children, *Contemporary Clinical Dentistry*, vol 6, no. 3, hh. 337-340
- Harahap, S.W., dan Pasaribu, P., 2019, Stereotip pada Masyarakat Padangbolak dan Mandailing di Desa Pargarutan Julu Kecamatan Angkola Timur Kabupaten Tapanuli Selatan, *Anthropos: Jurnal Antropologi Sosial dan Budaya* vol. 4, no. 2, hh. 194-200
- Harris, E.F., 1997, A longitudinal study untreated adults, *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 111, no. 4, hh. 419-427.
- Harris, E.F., dan Hicks, J.D., 1998, A radiographic assessment of enamel thickness in human maxillary incisors, *Arch Oral Biol*, vol. 43, no. 10, hh. 825-831.
- Hesby, R.M., Steven, D., Marshall, Deborah, V., Dawson, Southard, K.A., Casco, J.S., Franciscus RG, dan Southard TE, Transverse skeletal and dentoalveolar changes during growth, *Am J Orthod and Dentofacial Orthop*, vol. 130, no 6, hh. 721-731.
- Iyyer, B.S., 2015, *Orthodontics The Art and Science*, 6th ed, Arya Medi Publishing House Pvt.Ltd., New Delhi.
- Kaczmarek, M., 2002, Adolescent growth and its relation to menarche, dental and somatic maturation, *Przegląd Antropologiczny – Anthropological Review*, vol. 65, no. 27-42.
- Kamatham, R., Vanjari K., dan Nuvvula S., 2017, Applicability of Moyers' and Tanaka–Johnston's mixed dentition analyses for predicting canine and premolar widths in south Indian population – A cross-sectional study, *J Orofac Sci*, vol.9, no 1, hh. 52-7
- Kanurkova, L., Nikolov, T., Petrova,L. dan Kostadinova, S., 2019, Correlation between Mesiodistal Scale of the Teeth and Size of the Dental Arch, *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)*, vol. 18, no.7, pp. 37-41.
- Karapanou, O., dan Papadimitriou, A., 2010, Determinants of menarche, *Reproductive Biology and Endocrinology*, vol. 8, no. 115, hh. 1-8
- Kaushal, J., Vivek, A., Ruchi, A., dan Dogra., 2017, A Study between Malnutrition Associated with Malocclusion, Dental Caries, Enamel Hypoplasia and Salivary

Gland Flow in Mixed Dentition Stage – An in Vivo Study, *IOSR Journal of Dental and Medical Sciences*, vol. 16, no. 2, hh. 68-71.

Kementerian Kesehatan R.I., 2011, Keputusan Menteri Kesehatan Republik Indonesia Nomor:1995/Menkes/SK/XII/2010, *Standar Antropometri Penilaian Status Gizi Anak*, Direktorat Jenderal Bina Gizi dan Kesehatan Ibu dan Anak, Direktorat Bina Gizi, Jakarta.

Khan, S.H., Hasan M.N., Anjum, S., dan Rafique, T., 2014, Is there any relationship between malocclusion and nutritional pattern of children, *Update Dent. Coll. J.* no. 4, vol. 2, hh. 09-13.

Kim, S.H., Shin, S.M., Choi, Y.S., Ko, C.C., Kim, S.S., Park, S.B., Son, W.S dan Kim, Y.I., 2017, Morphometric analysis of the maxillary root apex positions according to crowding severity, *Orthod Craniofac Res.*, vol. 20, no. 4, hh. 202–208

Koentjaraningrat, 1980, *Pengantar Ilmu Antropologi*, Aksara Baru, Jakarta.

Koentjaraningrat, 1994, *Kebudayaan Jawa*, Balai Pustaka, Jakarta

Kuswandari, S., Nishino, M., Arita, K., dan Abe, Y., 2006, Mixed dentition space analysis for Indonesian Javanese children, *Pediatric Dental journal*, vol. 16, no. 1, hh. 74–83, 2006

Lailasari, D., Zenab, Y., Herawati, E., dan Wahyuni, I.S., Correlation between permanent teeth eruption and nutrition status of 6-7-years-old children, *Padjadjaran J Dent.*, vol. 30, no. 2, hh.116-123.

Lazi, H., Efendi, R., dan Purwandari, E.P., 2017, Deteksi warna kulit menggunakan model warna cielab neural network untuk identifikasi ras manusia (studi kasus ras: kaukasoid, mongoloid, dan negroid), *Jurnal Rekursif*, vol. 5, no. 2 , hh. 121-133.

Lombardo, L., Coppola, P., dan Siciliani, G., 2015, Comparison of dental and alveolar arch forms between different ethnic groups, *Int Orthod*, vol. 13, no. 4, hh. 462–88.

Louly, F., Nouer, P.R.A., Janson, G., dan Pinzan, A., 2011, Dental arch dimensions in the mixed dentition: A Study of Brazilian children from 9 to 12 years of age, *J Appl Oral Sci*, vol. 19, no. 2, hh. 169-174.

Mahmoud, K.B., Hamed, S.I., Asab, A., dan Taib, H., 2012, Accuracy of Four Tooth Size Prediction Methods on Malay Population, *International Scholarly Research Network ISRN Dentistry*, vol. 2012, Article ID 523703

McDonal R.E., and Avery, D.R., 2016, *Dentistry For The Child and Adolesc.*, CV.Mosby Company, Toronto.

Mudjosemadi, M., 2003, *Bibir, Sidik Bibir, Ilmu Kesehatan dan Anthropologi Ragawi: Integrasi Antara Teori dan Aplikasi*, Yogyakarta: Banyu Biru Offset.

- Muhammad, A.H., Nezar, W., dan Azzaldeen, A., 2015, The curve of dental arch in normal occlusion, *Open Science Journal of Clinical Medicine*, vol. 3' no. 2, hh. 47-54
- Nelson, S.J., 2020, *Wheeler's Dental Anatomy, Physiology, And Occlusion*, 11<sup>th</sup> ed, hh. 250-256, Elsevier, Inc., St. Louis Missouri.
- Nicholas, C.L., Kadavy, K., Holton N.E., Marshall, T., Richter, A., Southard, T., 2018, Childhood body mass index is associated with early dental development and eruption in a longitudinal sample from the Iowa Facial Growth Study, *Am J Orthod Dentofacial Orthop*, vol.154, no. 1, hh. 72-81.
- Noor, F.K., Al-Khawaja dan Al- Mulla, A.A., 2011, Alveolar base and dental arch widths with segmental arch measurements in different classes of malocclusions (A comparative study), *J. Bagh College Dentistry*, vol. 23, no. 3, hh.130-136.
- Ogodescu, A., Tudor, A., Szabo, K., Daescu, C., Bratu, E., dan Ogodescu, A., 2011, Longitudinal changes of dental arch in growing children, *Jurnalul Pediatriei*, vol. 14, no. 55-56, hh. 12-17.
- Omar, H., Alhajrasi, M., Felemban, N., Hassan, A., 2018, Dental arch dimensions, form and tooth size ratio among a Saudi sample, *Saudi. Medical Journal*, vol. 39 no. 1, hh. 86-91.
- Oziegbe, E.O., Adekoya-Sofowora, A., Folayan, M.O., Esan, T.A., dan Owotade, F.J., Relationship between socio-demographic and anthropometric variables and number of erupted primary teeth in suburban Nigerian children, *Matern Child Nutrition*. 2009 vol. 5, no. 1, 86-92.
- Phinkam, P.S., 2005, *Pediatric Dentistry Infancy Through Adolescence*, 4th ed., hlm.175-195, Elsevier Saunders, St.Louise, Missouri.
- Prabhu S., Acharya A.B., dan Muddapur M.V., 2013, Are teeth useful in estimating stature? *J Forensic Leg Med*, vol.20, no. hh. 460-464
- Premkumar, S., 2014, *Manual of Pediatric Dentistry*, 1st ed., Jaypee Brithers Medical Publishers, Ltd.
- Proffit, W.R., Fields, H.W., Sarver, D.M., 2007, *Contemporary Orthodontics*, edisi 4, Mosby Elsevier, St. Louis, h.35, 42-44, 170.
- Puspitasari, L., 2017, Dimorphism sexual berdasar ukuran mesiodistal gigi pada sampel etnik Jawa dan Tionghoa, *Jurnal Fis.Ant*, vol. 4, no.18, hh 1-9.
- Putra, R.N.Y., Ermawati, dan Amir, A., 2016, Hubungan Indeks Massa Tubuh (IMT) dengan Usia Menarche pada Siswi SMP Negeri 1 Padang, *Jurnal Kesehatan Andalas*, vol. 5, no. 3.
- Rahardjo, P., 2009, *Ortodonsi Dasar Airlangga* , University Press, hh. 8-16.

- Rahmawati, A.D., Sutardjo, I.R.S., Pramono, D., dan Arguni, E., 2020, Correlation between age and dental arch dimension of Javanese children, *Dental Journal*, vo. 53, no. 2: 93–98.
- Ramesh, N., Reddy, M.S.R., Palukunnu, B., Shetty, B., dan Puthalath, U., 2014, Mixed dentition space analysis in kodava population: A Comparison of two methods, *Journal of Clinical and Diagnostic Research*, vol. 8, no. 9, hh. ZC01-ZC06.
- Ribeiro, J.S., Ambrosio, A.R., Santos-Pinto, A., Shimizu, I.A., dan Shimizu, R.H., 2012, Evaluation of transverse changes in the dental arches according to growth pattern: a longitudinal study, *Dental Press J Orthod*, vol 17, no. 1, hh. 66-73.
- Rubin, R.L., Baccetti, T., dan McNamara, Jr., 2012, A. Mandibular second molar eruption difficulties related to the maintenance of arch perimeter in the mixed dentition, *Am J Orthod Dentofacial Orthop*, vol. 141, no.2, hh. 146-52.
- Sangwan, S., Chawla, H.S., Goyal A., Gauba, K., dan Mohanty, U., 2011, Progressive changes in arch width from primary to early mixed dentition period: a longitudinal study, *Journal of Indian Society of Pedodontics And Preventive Dentistry*, vol. 29, no.1, hh. 14-19.
- Savia, S.N., Gotmare, S., Pereira, T., Waghmare, M.S., 2018, Crown Dimensions of Deciduous Teeth: The Tool for Predicting the Physical Height of the Child: A Pilot Study, *Journal of Clinical and Diagnostic Research*, vol. 12, no. 6, hh. ZC01-ZC03
- Selmani, M., dan Gjorgova, J., 2015, Relationship among lower arch length, arch width and arch perimeter in crowding and non-crowding groups, *Balkan Journal of Dental Medicine*, vol.19, no.1, hh. 8-12
- Shafique, H.Z., Zaheer, R., Jan, A., Fazal, A., 2021, Comparison of Tooth Widths, Arch Widths and Arch Lengths in Class-I Normal Dentition to Class-I and II Crowded Dentitions, *J Med Sci*, vol. 37, no. 2, hh. 345-350.
- Shaweesh, A.I., 2017, Mesiodistal and faciolingual diameters of the permanent teeth in a Jordanian population, *Archives of Oral Biology*, vol. 73, hh. 253-258
- Shaweesh, A.I. dan Al-Batayneh, O.B., 2018, Association of weight and height with timing of deciduous tooth emergence, *Archives of Oral Biology*, vol. 87, hh. 168–171
- Silva, P.R., Lopes, M.C., Martins-Filho, I.E., Biazevic, M.G.H., and Michel-Crosato, E, 2019, Tooth crown mesiodistal measurements for the determination of sexual dimorphism across a range of populations: A systematic review and meta-analysis, *J.Forensic Odontostomatol*, vol. 37, no. 1, hh 2-19.



- Singh, A., Bhatia, H.P., Sood, S., dan Sharma, N., 2017, Demystifying the Mysteries: Sexual Dimorphism in Primary Teeth, *Journal of Clinical and Diagnostic Research*, vol. 11, no. 4, hh. ZC110-ZC114
- Singh, G., 2007, *Textbook of Orthodontics*, Jaypee India, hh 68-69
- Šlaj, M., Ježina, M.A., Lauc, T., Rajić-Meštrović, S., Mikšić, M., Ross-Powel, M.S.R.E., dan Harris, E.F., 2003, Longitudinal Dental Arch Changes in the Mixed Dentition, *Angle Orthodontist*, vol. 73, no. 5, hh. 509-514
- Stern, S., Finke, H., Strosinski, M., Mueller-Hagedorn, S., McNamara, J.A., dan Stahl, F., 2020, Longitudinal changes in the dental arches and soft tissue profile of untreated subjects with normal occlusion, *Journal of Orofacial Orthopedics*, vol. 81, no. 2, hh. 192–208.
- Stroud, J.L., Buschang, P.H., Goaz, P.W., 1994, Sexual dimorphism in mesiodistal dentin and enamel thickness, *Dentomaxillofac Radiol*, vol. 23, no. 3, hh. 169–171.
- Suk, K.E., Park, J.H., Bayome M., Nam, Y.O., Sameshima, G.T., dan Kook, Y.A., 2013, Comparison between dental and basal arch forms in normal occlusion and class III malocclusions utilizing cone-beam computed tomography, *The Korean Journal of Orthodontics*, vol. 43, no. 1., hh. 15-22
- Sutardjo, 2011, Pertimbangan dan Permasalahan Pemakaian Alat Interseptik Ortodonsi Secara Dini pada Anak Masa Tumbuh Kembang, *Stomatognathic (J.K.G. Unej)*, vol. 8, no. 1, hh. 1-10
- Švalkauskienė, V., Šmigelskas, K., Šalomskienė, L., Andriuškevičiūtė, I., Šalomskienė, A., Vasiliauskas, A., Šidlauskas, A., 2015, Heritability estimates of dental arch parameters in Lithuanian twins. *Stomatol Balt Dent Maxillofac J*, vol. 17, hh. 3–8.
- Tajik, I., Mushtaq, N., Khan, M., 2011, Arch forms among different Angle classifications a – study. *Pakistan Oral & Dental Journal*, vol. 31, no. 1, hh. 92-95
- Thimmegowda, U., Sarvesh, S.G., Shashikumar, H.C., Kanchiswamy, L.N., Shivananda, D.H., dan Prabhakar, A.C., 2015, Validity of moyers mixed dentition analysis and a new proposed regression equation as a predictor of width of unerupted canine and premolars in children, *Journal of Clinical and Diagnostic Research*, vol. 9, no. 8, hh. ZC01-ZC06
- Thilander, B., 2009, Dentoalveolar development in subjects with normal occlusion. A longitudinal study between the ages of 5 and 31 years, *European Journal of Orthodontics*, vol. 31, no. 2, hh. 109–120.

- Thomaz, E.B.A.F., dan Valenca, A.M.G., 2009, Relationship between childhood underweight and dental crowding in deciduous theething, *J de Pediatria*. 2009, vol. 85, no. 2, hh 110-115.
- Uysal, T., Usumez, S., Memili, B., dan Sari, Z., 2005, Dental and alveolar arch widths in normal occlusion and Class III malocclusion, *The Angle Orthodontist*, vol. 75, no. 5, hh. 809-813.
- Yang, D., Liang, S., Zhang, K., Gao, W., dan Bai, Y., 2019, Evaluation of growth and development of late mixed dentition upper dental arch with normal occlusion using 3-dimensional digital models, *Journal of Healthcare Engineering*, vol. 2019, Article ID. 4191848, hh.1-9.
- Younus, M.S., Ahmed, K., dan Kala, D., The effect of body mass index on tooth eruption and dental caries, *Dental Journal (Majalah Kedokteran Gigi)*, vol. 53, no. 3, hh. 140-143.
- Zameer, M., Basheer, S.N., Anwar, N.G., Mudassar, M., Reddy, A., dan Quadri H, 2016, A study on nutritional status and tooth crown size among 6–9-year-old children: An observational cross-sectional study, *J Forensic Dent Sci.*, vol. 8, no 3, hh. 135–138.
- Zar dan Jerrold, H., 1984, *Biostatistical Analysis*, 2<sup>nd</sup> ed., Prentice-Hall, Englewood
- Zou,W., Jiang J.H., Xu, T.M., dan Wua, J.Q., 2015, Relationship between mandibular dental and basal bone arch forms for severe skeletal class III patients, *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 147, no. 1, hh. 37-44.