

**DAFTAR PUSTAKA**

- Alarcón JA, Bastir M, Rosas, A. 2016. Variation of mandibular sexual dimorphism across human facial patterns. *Homo*, 67(3), 188-202.
- Berlin NF, Berssenbruegge P, Runte C, Wermker K, Jung S, Kleinheinz J, Dirksen D 2014. Quantification of facial asymmetry by 2D analysis—A comparison of recent approaches. *Journal of Cranio-Maxillofacial Surgery*, 42(3), pp.265-271.
- Bhalaji SI 2004. *Orthodontics, the Art and Science, 3rd edition*. New Delhi: Arya (Medi) Publishing House, pp.7-8.
- Baudouin JY, Tiberghien, G 2004. Symmetry, averageness, and feature size in the facial attractiveness of women. *Acta psychologica*, 117(3), pp.313-332.
- Burns KR 2012. Forensic anthropology training manual 3rd ed. *London and New York: Routledge*, pp. 48-50.
- Cardash HS, Ormanier Z & Laufer BZ 2003. *Observable deviation of the facial and anterior tooth midlines*. *The Journal of Prosthetic Dentistry*, 89(3), 282–285. doi:10.1067/mpr.2003.68
- Chatrath P, De Cordova J, Nouraei SR, Ahmed J, Saleh HA 2007. Objective assessment of facial asymmetry in rhinoplasty patients. *Archives of facial plastic surgery*, 9(3), pp.184-187.
- Chen YJ, Yao CC, Chang ZC, Lai HH, Lu SC & Kok SH 2016. A new classification of mandibular asymmetry and evaluation of surgical-orthodontic treatment outcomes in Class III malocclusion. *Journal of Cranio-Maxillofacial Surgery*, 44(6), pp.676-683.
- Cheong YW, Lo LJ 2011. Facial asymmetry: Etiology, evaluation, and management. *Chang Gung Med J*;34(4):341–51.
- Choi KY 2015. Analysis of Facial Asymmetry. *Arch Craniofacial Surg*, 16(1):1.
- Chia MS, Naini FB, Gill DS 2008. The aetiology, diagnosis and management of mandibular asymmetry. *Orthodontic Update*, 1(2), pp.44-52.
- Cobourne MT, Dibiasi AT, 2010. Handbook of orthodontics. Missouri: Mosby, pp. 61-70.
- Drake RL, Vogl AW, Mitchell AWM 2014. *Gray dasar – dasar anatomi, edisi bahasa Indonesia*, Kalanjati VP (ed.). Singapore: Elsevier Churchill Livingstone.

- Ercan I , Ozdemir ST , Etoz A, Sigirli D , Tubbs RS, Loukas M & Guney I 2008. Facial asymmetry in young healthy subjects evaluated by statistical shape analysis. *Journal of Anatomy*, 213(6), pp.663-669.
- Eskil MT and Benli KS 2014. Facial expression recognition based on anatomy. *Computer Vision and Image Understanding*, 119, pp.1-14.
- Eslamipour, F., Najimi, A., Tadayonfard, A., & Azamian, Z 2017. Impact of orthognathic surgery on quality of life in patients with dentofacial deformities. *International journal of dentistry*, 2017
- Ferrario VF , Sforza C, Ciusa V, Dellavia C , Tartaglia GM 2001. The effect of sex and age on facial asymmetry in healthy subjects: a cross-sectional study from adolescence to mid-adulthood. *Journal of Oral and Maxillofacial Surgery*, 59(4), pp.382-388.
- Foster TD 1997. A textbook of orthodontics 3<sup>rd</sup> edn. Oxford : Blackwell Scientific Publication Limited, pp. 7, 78 – 79.
- Haraguchi S, Iguchi Y, Takada K 2008. Asymmetry of the face in orthodontic patients. *The Angle Orthodontist*, 78(3), pp.421-426.
- Harry DR, Sandy J 2003. Orthodontic Part 2: Patient assessment and examination I. *British Dental Journal*, 195 (9) : 489-92.
- Huang, C. S., Liu, X. Q., & Chen, Y. R 2013. Facial asymmetry index in normal young adults. *Orthodontics & craniofacial research*, 16(2), 97-104
- Imaizumi K, Taniguchi K, Ogawa Y, Matsuzaki K, Maekawa H, Nagata T, and Kouchi M 2019. Three-dimensional shape variation and sexual dimorphism of the face, nose, and mouth of Japanese individuals. *Forensic science international*, 302, 109878.
- Jäncke L 2018. Sex/gender differences in cognition, neurophysiology, and neuroanatomy. *F1000Research*, 7.
- Jackson TH, Mitroff SR , Clark K, Proffit WR , Lee JY & Nguyen TT 2013. Face symmetry assessment abilities: Clinical implications for diagnosing asymmetry. *American Journal of Orthodontics and Dentofacial Orthopedics*, 144(5), pp.663-671.
- Jain AK , & Li S Z 2011. *Handbook of face recognition*. New York: springer.

- Kim, K. A., Lee, J. W., Park, J. H., Kim, B. H., Ahn, H. W., & Kim, S. J. 2017. Targeted presurgical decompensation in patients with yaw-dependent facial asymmetry. *The Korean Journal of Orthodontics*, 47(3), 195-206.
- Klingenberg CP 2015. Analyzing fluctuating asymmetry with geometric morphometrics: concepts, methods, and applications. *Symmetry*, 7(2), 843-9
- Kolar JC , Salter EM 1997. Craniofacial anthropometry. Practical measurement of the head and face for clinical, surgical and research use. Charles C Thomas, Springfield, Illinois, USA, pp. 213–30.
- Lee MS, Chung DH, Lee JW, Cha KS 2010. Assessing soft-tissue characteristics of facial asymmetry with photographs. *American Journal of Orthodontics and Dentofacial Orthopedics*, 138(1), pp.23-31.
- Liu F. ed 2019. *Dental Digital Photography: From Dental Clinical Photography to Digital Smile Design*. Springer. Berlin NF, Berssenbruegge P , Runte C, Wermker K, Jung S, Kleinheinz J , Dirksen D 2014. Quantification of facial asymmetry by 2D analysis—A comparison of recent approaches. *Journal of Cranio-Maxillofacial Surgery*, 42(3), pp.265-271.
- Liu Y, Weaver RL , Schmidt K, Serban N & Cohn J 2001. Facial asymmetry: A new biometric. *The Robotic Institute of Carnegie Melon Univ*.
- Lundström A 1961. Some asymmetries of the dental arches, jaws, and skull, and their etiological significance. *American Journal of Orthodontics*, 47(2), pp.81-106.
- Mina M 2001. Regulation of mandibular growth and morphogenesis. *Critical Reviews in Oral Biology & Medicine*, 12(4), 276-300.
- Mokhtar M 1998. Dasar-dasar ortodonti; perkembangan dan pertumbuhan kraniodentofasial. Jakarta: Perpustakaan Nasional: Katalog Dalam Terbitan (KDT). pp. 1 – 6
- Margaret JF, Susan WH 2007. *Illustrated Anatomy of the Head and Neck*. 3rded. St.Louis: Saunders Elsevier. pp 67-71.
- Moyers RE 1998. *Handbook of Orthodontics*. 4<sup>th</sup> ed. Michigan: Year Book Medical Publishers.

- Mydlová M, Dupej J, Koudelová J, and Velemínská, J 201. *Sexual dimorphism of facial appearance in ageing human adults: A cross-sectional study. Forensic Science International* 257, 519.e1–519.e9.
- Naini FB, Gill DS 2008. Facial aesthetics: 2. Clinical assessment. *Dental update*, 35(3), pp.159-170
- Naini FB, Donaldson ANA, McDonald F, Cobourne MT 2012. Assessing the influence of asymmetry affecting the mandible and chin point on perceived attractiveness in the orthognathic patient, clinician, and layperson. *J Oral Maxillofac Surg* ;70(1):192–206.
- Nicot R, Hottenstein M, Raoul G, Ferri J, Horton M, Tobias JW, Barton E, Gelé P, Sciote J J 2014. Nodal pathway genes are downregulated in facial asymmetry. *The Journal of craniofacial surgery*, 25(6), e548.
- Nieves JW, Formica C, Ruffing J, Zion M, Garrett P, Lindsay R, Cosman F 2005. Males have larger skeletal size and bone mass than females, despite comparable body size. *Journal of Bone and Mineral Research*, 20(3), 529-535.
- Norton NS 2016. *Netter's head and neck anatomy for dentistry e-book*. Elsevier Health Sciences.
- Ohm E, Silness J. 1999. Size of the mandibular jaw angle related to age, tooth retention and gender. *Journal of Oral Rehabilitation*, 26(11), 883–891.
- Ozdemir ST. *The concept of anthropometric facial asymmetry. In: Preedy, V.R., (ed.) Handbook of anthropometry physical measures of human form in health and disease*. Springer. 2012; 634
- Rahardjo P 2008. *Diagnosis ortodontik*. Surabaya: Airlangga University Pres. pp.55 – 68.
- Raj A, van Oudenaarden A 2008. Nature, nurture, or chance: stochastic gene expression and its consequences. *Cell*, 135(2), 216–226.
- Reddy VM, Saxena S, Bansal P 2008. Mandibular canine index as a sex determinant: A Study on the population of Western Uttar Pradesh. *Journal of Oral Maxillofacial Pathology*. 12 (2): 56-59.
- Sajid M, Iqbal Ratyal N, Ali N, Zafar B, Dar S H, Mahmood MT and Joo YB 2019. The impact of asymmetric left and asymmetric right face images

- on accurate age estimation. *Mathematical Problems in Engineering*, 2019.
- Shaner DJ, Peterson AE, Beattie OB, Bamforth JS (2000) Assessment of soft tissue facial asymmetry in medically normal and syndrome-affected individuals by analysis of landmarks and measurements. *Am J Med Genet* 93, 143–154
- Sheats RD , McGorray SE, Musmar Q, Wheeler TT, King GJ 1998, September. Prevalence of orthodontic asymmetries. In *Seminars in orthodontics* (Vol. 4, No. 3, pp. 138-145). WB Saunders.
- Singh G 2007. *Textbook of orthodontics 2<sup>nd</sup> ed.* New Delhi: JP Medical Ltd.
- Smith WM 2000. Hemispheric and facial asymmetry: gender differences. *Laterality: Asymmetries of Body, Brain and Cognition*, 5(3), pp.251-258.
- Sofyanti E, Boel T, Pratamawati T, Auerkari EI 2018. Prediction of Regulatory Networks of PITX2 Gene Expression in Mandibular Asymmetry Related to Oral Muscle Function. In *International Dental Conference of Sumatera Utara 2017 (IDCSU 2017)*. Atlantis Press.
- Souyris F, Moncarz V and Rey P 1983. Facial asymmetry of developmental etiology: A report of nineteen cases. *Oral surgery, oral medicine, oral pathology*, 56(2), pp.113-124.
- Spratley MH 1980 . A simplified technique for determining the occlusal plane in full denture construction. *Journal of oral rehabilitation*, 7(1), 31-33.
- Srivastava D, Singh H, Mishra S, Sharma P, Kapoor P and Chandra L 2018. Facial asymmetry revisited: Part I-diagnosis and treatment planning. *Journal of oral biology and craniofacial research*, 8(1), pp.7-14.
- Stedman JK 2006. Stedman's Medical Dictionary, 28<sup>th</sup> dn.<http://www.stedmans.com/>.
- Thiesen G, Gribel BF , Freitas MPM 2015. Facial asymmetry: a current review. *Dental press journal of orthodontics*, 20(6), pp.110-125.
- Van Ankum EM. 2018. Changes in dietary consistency and the epidemiological occlusal transition. In *COMPASS* ,2(1), pp. 1-17).
- Watanabe K, Shoja MM , Loukas M, Tubbs RS 2016. Anatomy for plastic surgery of the face, head, and neck 1<sup>st</sup> edn. Thieme