

DAFTAR PUSTAKA

- Afsari, E., Niksolat, E., Sadeghi rad, S., Moshajari, A. and Kazem Nezhad, E. (2018) ‘Comparing Orthodontist, Prosthodontist, Dental and Non-Dental Student Views on the Impact of *Buccal Corridor* on Smile Attractiveness of Women with Different Face Shapes’, *Journal of Dental School Shahid Beheshti University of Medical Science*, 36(2), pp. 42–46. DOI: 10.22037/jds.v36i2.24546.
- Akyalcin, S., Erdinc, A. E., Dincer, B. and Nanda, R. S. (2011) ‘Do long-term changes in relative maxillary arch width affect buccal-corridor ratios in extraction and nonextraction treatment?’, *American Journal of Orthodontics and Dentofacial Orthopedics*. American Association of Orthodontists, 139(3), pp. 356–361. DOI: 10.1016/j.ajodo.2009.05.036.
- Al-Gunaid, T. H., Arifin, R., Narmada, I. B. and Tarman, K. E. (2020) ‘Perspectives of Indonesian orthodontists on the ideal orthodontic treatment time’, *Clinical, Cosmetic and Investigational Dentistry*, 12, pp. 351–357. DOI: 10.2147/CCIDE.S263852.
- Alberton, S. B., Alberton, V. and de Carvalho, R. V. (2017) ‘Providing a harmonious smile with laminate veneers for a patient with peg-shaped lateral incisors’, *Journal of Conservative Dentistry*, 20(3), p. 210. DOI: 10.4103/0972-0707.218311.
- Alper Oz, A., Akdeniz, B. S., Canli, E. and Celik, S. (2017) ‘Smile Attractiveness: Differences among the Perceptions of Dental Professionals and Laypersons’, *Turkish Journal of Orthodontics*, 30(2), pp. 50–55. DOI: 10.5152/turkjorthod.2017.17021.
- Andrews, L. F. S. (1972) ‘The six keys to normal occlusion - Andrews’, *American Journal of Orthodontics and Dentofacial Orthopedics*, pp. 296–309
- Arun, R. M., Lakkakula, B. V. K. S. and Chitharanjan, A. B. (2016) ‘Role of myosin 1H gene polymorphisms in mandibular retrognathism’, *American Journal of Orthodontics and Dentofacial Orthopedics*. American Association of Orthodontists, 149(5), pp. 699–704. DOI: 10.1016/j.ajodo.2015.10.028.
- Badran, S. A. and Mustafa, M. (2013) ‘A comparison between laypeople and orthodontists in evaluating the effect of *buccal corridor* and smile arc on smile esthetics’, *Journal of the World Federation of Orthodontists*. Elsevier Ltd, 2(3), pp. e123–e126. DOI: 10.1016/j.ejwf.2013.05.005.
- Baek, E. S., Hwang, S., Kim, K. H. and Chung, C. J. (2017) ‘Total intrusion and distalization of the maxillary arch to improve smile esthetics’, *Korean Journal of Orthodontics*, 47(1), pp. 59–73. DOI: 10.4041/kjod.2017.47.1.59.

- Bibi, T. and Shah, A. M. (2017) ‘Correlation Between Curve of Spee and Vertical Eruption of Teeth Among Various Groups of Malocclusion’, *Pakistan Oral & Dental Journal*, 37(1), pp. 66–69
- Castro, I. O., Frazão Gribel, B., Alencar, A. H. G. de, Valladares-Neto, J. and Estrela, C. (2018) ‘Evaluation of crown inclination and angulation after orthodontic treatment using digital models: Comparison to the prescription of the brackets used’, *Journal of Orofacial Orthopedics*, 79(4), pp. 227–234. DOI: 10.1007/s00056-018-0136-2.
- Celebi, A. A., Lee, S. H. and Kau, C. H. (2017) ‘Size discrepancies in molars and first key to optimal occlusion’, *European Journal of Dentistry*, 11(02), pp. 250–252. DOI: 10.4103/ejd.ejd_339_16.
- Chang, C. A., Fields, H. W., Beck, F. M., Springer, N. C., Firestone, A. R., Rosenstiel, S. and Christensen, J. C. (2011) ‘Smile esthetics from patients’ perspectives for faces of varying attractiveness’, *American Journal of Orthodontics and Dentofacial Orthopedics*. American Association of Orthodontists, 140(4), pp. e171–e180. DOI: 10.1016/j.ajodo.2011.03.022.
- Charoenpong, H., Sriarunotai, S., Sritangos, A., Ruangamnat, N., Pimsupa, O., Chotesmithkul, P., Girddornfag, P. and Thaprungsirikul, P. (2017) ‘EFFECT OF BUCCAL CORRIDORS ON SMILE ESTHETIC IN DIFFERENT FACIAL TYPES AMONG THAI POPULATION’ Esthetics has increasingly become an important aspect of concerns for dental patients . Most patients seek orthodontic treatment for the purpose of improving smile’, *Bulletin of Health, Science and Technology*, 15(1), pp. 59–68
- Cheng, H. C., Wang, Y. C., Tam, K. W. and Yen, M. F. (2016) ‘Effects of tooth extraction on smile esthetics and the *buccal corridor*: A meta-analysis’, *Journal of Dental Sciences*. Elsevier Taiwan LLC, 11(4), pp. 387–393. DOI: 10.1016/j.jds.2016.04.003.
- Chotimah, C., Utomo, S. H. and Purbati, M. (2017) ‘Differences between male and female adolescents in the smile aesthetics perceptions regarding smile arc, gingival display, and *buccal corridor*’, *Journal of International Dental and Medical Research*, 10(Specialissue), pp. 481–485
- Christou, T., Betlej, A., Aswad, N., Ogdon, D. and Kau, C. H. (2019) ‘Clinical effectiveness of orthodontic treatment on smile esthetics: A systematic review’, *Clinical, Cosmetic and Investigational Dentistry*, 11, pp. 89–101. DOI: 10.2147/CCIDE.S189708.
- Ciucchi, P. and Kiliaridis, S. (2017) ‘Incisor inclination and perceived tooth colour changes’, *European Journal of Orthodontics*, 39(5), pp. 554–559. DOI: 10.1093/ejo/cjw086.
- Cohen-Levy, J. and Cohen, N. (2011) ‘Analyse informatisée des contacts occlusaux après traitement orthodontique lingual chez l’adulte’, *International*

- Orthodontics*, 9(4), pp. 410–431. DOI: 10.1016/j.ortho.2011.09.009.
- Dindaroglu, F., Duran, G. S., Tekeli, A., Gorgulu, S. and Dogan, S. (2017) ‘Evaluation of the Relationship between Curve of Spee, WALA-FA Distance and Curve of Wilson in Normal Occlusion’, *Turkish Journal of Orthodontics*, 29(4), pp. 91–97. DOI: 10.5152/turkjorthod.2016.1614.
- Faiz, R., Muhammad, W. ul H., Mehwish, T., Zainab, R., Muhammad, I. and Shabbir, H. S. (2019) ‘Reasons for seeking orthodontic treatment in Lahore population: A cross-sectional survey in a low-income country’, *South European Journal of Orthodontics and Dentofacial Research*, 6(2), pp. 35–39. DOI: 10.5937/sejodr6-23978.
- Feng, F., Liu, Y., Chi, J., Wang, Yuqiao, Xing, B., Wang, Yucheng and Liu, W. (2018) ‘Effects of anterior tooth crown inclination on occlusal relationship—A study in three-dimensional reconstruction’, *Archives of Oral Biology*. Elsevier, 94(January), pp. 48–53. DOI: 10.1016/j.archoralbio.2018.06.015.
- Fuma, A., Motegi, E., Fukagawa, H., Nomura, M., Kano, M., Sueishi, K. and Okano, S. (2010a) ‘Mesio-distal tooth angulation in elderly with many remaining teeth observed by 3-D imaging.’, *The Bulletin of Tokyo Dental College*, 51(2), pp. 57–64. DOI: 10.2209/tdcpublication.51.57.
- Fuma, A., Motegi, E., Fukagawa, H., Nomura, M., Kano, M., Sueishi, K. and Okano, S. (2010b) ‘Tooth inclination in elderly with many remaining teeth observed by 3-D imaging.’, *The Bulletin of Tokyo Dental College*, 51(2), pp. 69–76. DOI: 10.2209/tdcpublication.51.57.
- Gianelly, A. A. (2003) ‘Arch width after extraction and nonextraction treatment’, *American Journal of Orthodontics and Dentofacial Orthopedics*, 123(1), pp. 25–28. DOI: 10.1067/mod.2003.57.
- Graber, L. W., Vanarsdall, R. L., Vig, K. W. L. and Huang, G. J. (2017) *Orthodontics: Current Principles and Techniques*. 6th edn. Missouri: Elsevier. DOI: 10.1017/CBO9781107415324.004.
- Ioi, H., Kang, S., Shimomura, T., Kim, S. S., Park, S. B., Son, W. S. and Takahashi, I. (2012) ‘Effects of buccal corridors on smile esthetics in Japanese and Korean orthodontists and orthodontic patients’, *American Journal of Orthodontics and Dentofacial Orthopedics*. American Association of Orthodontists, 142(4), pp. 459–465. DOI: 10.1016/j.ajodo.2012.05.011.
- Ioi, H., Nakata, S. and Counts, A. L. (2009) ‘Effects of buccal corridors on smile esthetics in Japanese’, *Angle Orthodontist*, 79(4), pp. 628–633. DOI: 10.2319/080708-410.1.
- Kalistu, S., Doggalli, N., Patil, K. and Rudraswamy, S. (2017) ‘Race Determination Based on Nonmetric Teeth Morphological Traits’, *SRM Journal of Research*

- in Dental Sciences*, 8(1), pp. 1–4. DOI: 10.4103/srmjrds.srmjrds.
- Kamel, M. R., Samadi, E., Samadi, F. and Khafri, S. (2014) ‘Comparison of The Perception of Smile Esthetics Among General Dentists and Specialist’, *Journal of Dentomaxillofacial Radiology, Pathology and Surgery*, 3(2), pp. 13–22. DOI: 10.18869/acadpub.3dj.3.2.13.
- Kaur, H., Tripathi, T., Rai, P., Garg, A. and Kanase, A. (2016) ‘Influence of masseter muscle thickness on *buccal corridor* space and craniofacial morphology : A correlative study’, pp. 207–214. DOI: 10.4103/0301-5742.192607.
- Ker, A. J., Chan, R., Fields, H. W., Beck, M. and Rosenstiel, S. (2008) ‘Esthetics and smile characteristics from the layperson’s perspective: A computer-based survey study’, *Journal of the American Dental Association*. American Dental Association, 139(10), pp. 1318–1327. DOI: 10.14219/jada.archive.2008.0043.
- Kiani, H., Bahir, U., Durrani, O. K. and Zulfiqar, K. (2013) ‘Comparison of difference in perception between orthodontists and laypersons in terms of variations in *buccal corridor* space using visual analogue scale’, *Pakistan Orthodontic Journal*, 5(2), pp. 67–72
- Kim, K. J., Park, J. H., Bay, R. C., Lee, M. Y., Chang, N. Y. and Chae, J. M. (2018) ‘Mandibular condyle bone density in adolescents with varying skeletal patterns evaluated using cone-beam computed tomography: A potential predictive tool’, *American Journal of Orthodontics and Dentofacial Orthopedics*. American Association of Orthodontists, 154(3), pp. 382–389. DOI: 10.1016/j.ajodo.2017.12.013.
- Kolte, A. P., Kolte, R. A. and Bawankar, P. (2018) ‘Proximal contact areas of maxillary anterior teeth and their influence on interdental papilla’, *Saudi Dental Journal*. King Saud University, 30(4), pp. 324–329. DOI: 10.1016/j.sdentj.2018.05.007.
- Lacerda-Santos, R., Pereira, T. B. and Pithon, M. M. (2015) ‘Esthetic perception of the *buccal corridor* in different facial types by laypersons of different ages’, *Bioscience Journal*, 31(4), pp. 1283–1290. DOI: 10.14393/bj-v31n4a2015-28654.
- Lila-Krasniqi, Z. D., Shala, K. S., Pustina-Krasniqi, T., Bicaj, T., Dula, L. J. and Guguvčevski, L. (2015) ‘Differences between centric relation and maximum intercuspatation as possible cause for development of temporomandibular disorder analyzed with T-scan III’, *European Journal of Dentistry*, 9(4), pp. 573–579. DOI: 10.4103/1305-7456.172627.
- Littlewood, S. J. and Mitchell, L. (2019) *An Introduction to Orthodontics*. 5th edn, *An Introduction to Orthodontics*. 5th edn. Oxford: Oxford University Press. DOI: 10.1017/CBO9781107415324.004.

- Liu, Y., Yang, Z. jin, Zhou, J., Xiong, P., Wang, Q., Yang, Y., Hu, Y. and Hu, J. tian (2019) ‘Soft Tissue Changes in Patients With Dentoalveolar Protrusion Treated With Maximum Anchorage: A Systematic Review and Meta-analysis’, *Journal of Evidence-Based Dental Practice*. Elsevier Inc, 19(4), p. 101310. DOI: 10.1016/j.jebdp.2019.01.006.
- Martin, A. J., Buschang, P. H., Boley, J. C., Taylor, R. W. and McKinney, T. W. (2007) ‘The impact of *buccal corridors* on smile attractiveness’, *European Journal of Orthodontics*, 29(5), pp. 530–537. DOI: 10.1093/ejo/cjm063.
- Matsumoto, H. (2009) ‘The origin of the Japanese race based on genetic markers of immunoglobulin G’, *Proceedings of the Japan Academy Series B: Physical and Biological Sciences*, 85(2), pp. 69–82. DOI: 10.2183/pjab.85.69.
- McNamara, L., McNamara, J. A., Ackerman, M. B. and Baccetti, T. (2008) ‘Hard- and soft-tissue contributions to the esthetics of the posed smile in growing patients seeking orthodontic treatment’, *American Journal of Orthodontics and Dentofacial Orthopedics*, 133(4), pp. 491–499. DOI: 10.1016/j.ajodo.2006.05.042.
- Meyer, A. H., Woods, M. G. and Manton, D. J. (2014) ‘Maxillary arch width and *buccal corridor* changes with orthodontic treatment. Part 2: Attractiveness of the frontal facial smile in extraction and nonextraction outcomes’, *American Journal of Orthodontics and Dentofacial Orthopedics*. American Association of Orthodontists, 145(3), pp. 296–304. DOI: 10.1016/j.ajodo.2013.10.019.
- Mollabashi, V., Abolvardi, M., Akhlaghian, M. and Ghaffari, M. I. (2018) ‘Smile attractiveness perception regarding *buccal corridor* size among different facial types’, *Dental and Medical Problems*, 55(3), pp. 305–312. DOI: 10.17219/dmp/92634.
- Moore, T., Southard, K. A., Casko, J. S., Qian, F. and Southard, T. E. (2005) ‘*Buccal corridors* and smile esthetics’, *American Journal of Orthodontics and Dentofacial Orthopedics*, 127(2), pp. 208–213. DOI: 10.1016/j.ajodo.2003.11.027.
- Nanda, R. (2015) *Esthetics and Biomechanics in Orthodontics*. 2nd edn. Missouri: Elsevier
- Nascimento, D. C., Santos, É. R. dos, Machado, A. W. L. and Bittencourt, M. A. V. (2012) ‘Influence of *buccal corridor* dimension on smile esthetics’, *Dental Press Journal of Orthodontics*, 17(5), pp. 145–150. DOI: 10.1590/S2176-94512012000500020.
- Nazir, U., Wani, N. and Bashir, U. (2019) ‘Prevalence of different pattern of dental malocclusion in children’, *Journal of Advanced Medical and Dental*

- Sciences Research*, 7(12), pp. 26–29. DOI: 10.21276/jamdsr.
- NIH (2015) *Racial and Ethnic Categories and Definitions for NIH Diversity Programs and for Other Reporting Purposes*, National Health Institute
- Nimbalkar, S., Oh, Y. Y., Mok, R. Y., Tioh, J. Y., Yew, K. J. and Patil, P. G. (2018) ‘Smile attractiveness related to *buccal corridor* space in 3 different facial types: A perception of 3 ethnic groups of Malaysians’, *Journal of Prosthetic Dentistry*. Editorial Council for the Journal of Prosthetic Dentistry, 120(2), pp. 252–256. DOI: 10.1016/j.prosdent.2017.10.021.
- Oz, A. A., Oz, A. Z., Yazicioğlu, S., Arici, N., Ozer, M. and Arici, S. (2017) ‘Comparison of arch width changes following orthodontic treatment with and without extraction using three-dimensional models’, *Nigerian Journal of Clinical Practice*, 20(5), pp. 581–586. DOI: 10.4103/1119-3077.181389.
- Özkan, Y. K. (ed.) (2017) *Complete Denture Prosthodontics: Treatment and Problem Solving*. Cham: Springer
- Parekh, S., Fields, H. W., Beck, F. M. and Rosenstiel, S. F. (2007) ‘The acceptability of variations in smile arc and *buccal corridor* space’, *Orthodontics and Craniofacial Research*, 10(1), pp. 15–21. DOI: 10.1111/j.1601-6343.2007.00378.x.
- Pickering, R. and Bachman, D. (2009) *The Use of Forensic Anthropology*. 2nd edn. Boca Raton: Taylor & Francis Group
- Pisulkar, S. K., Agrawal, R., Belkhode, V., Nimonkar, S., Borle, A. and Godbole, S. R. (2019) ‘Perception of *buccal corridor* space on smile aesthetics among specialty dentist and layperson’, *Journal of International Society of Preventive and Community Dentistry*, 9(5), pp. 499–504. DOI: 10.4103/jispcd.JISPCD_2_19.
- Python, M. M., Mata, K. R. da, Rocha, K. S., Costa, B. do N., Neves, F., Barbosa, G. C. G. and Coqueiro, R. da S. (2014) ‘Perceptions of brachyfacial, mesofacial and dolichofacial individuals with regard to the *buccal corridor* in different facial types’, *Journal of Applied Oral Science*, 22(5), pp. 382–389. DOI: 10.1590/1678-775720140003.
- Prasad, M., Kannampallil, S. T., Talapaneni, A. K., George, S. A. and Shetty, S. K. (2013) ‘Evaluation of arch width variations among different skeletal patterns in South Indian population’, *Journal of Natural Science, Biology and Medicine*, 4(1), pp. 94–102. DOI: 10.4103/0976-9668.107267.
- Proffit, W. R., Fields, H. W., Larson, B. E. and Sarver, D. M. (2019) *Contemporary Orthodontics*. 6th edn. Philadelphia: Elsevier. DOI: 10.1017/CBO9781107415324.004.
- Rajeev, A., Vinoth, S., Nagalakshmi, S., Rajkumar, B., Dhyanithi, D. and Kumar,

- P. (2018) 'Evaluation of *buccal corridor* sizes in esthetic smile perception among general dentists and laypersons', *Journal of Indian Academy of Dental Specialist Researchers*, 5(1), p. 20. DOI: 10.4103/jiadsr.jiadsr_4_18.
- Rego, M. V. N. N., Teixeira, B. T., Braga, M. T. M., Andrade, M. G. B. and Ana, I. M. S. (2018) 'INFLUENCE OF ORTHODONTIC TREATMENT ON BUCCAL CORRIDOR: A SYSTEMATIC REVIEW', *Focus Oral Research*, 1(2), pp. 116–126
- Rischen, R. J., Breuning, K. H., Bronkhorst, E. M. and Kuijpers-Jagtman, A. M. (2013) 'Records needed for orthodontic diagnosis and treatment planning: A systematic review', *PLoS ONE*, 8(11). DOI: 10.1371/journal.pone.0074186.
- Roden-Johnson, D., Gallerano, R. and English, J. (2005) 'The effects of *buccal corridor* spaces and arch form on smile esthetics', *American Journal of Orthodontics and Dentofacial Orthopedics*, 127(3), pp. 343–350. DOI: 10.1016/j.ajodo.2004.02.013.
- Sadrhaghghi, H., Zarghami, A., Sadrhaghghi, S. and Eskandarinezhad, M. (2017) 'Esthetic perception of smile components by orthodontists, general dentists, dental students, artists, and laypersons', *Journal of investigative and clinical dentistry*, 8(4), pp. 1–8. DOI: 10.1111/jicd.12235.
- Sharma, R. N. and Sharma, R. K. (1997) *Anthropology*. New Delhi: Atlantic Publishers
- Shirahama, N., Watanabe, S., Nakaya, N. and Mori, Y. (2019) 'A proposal for subjective evaluation method in small sample using visual analog scale', *ACM International Conference Proceeding Series*, pp. 47–52. DOI: 10.1145/3325291.3325365.
- Srinivas, A., Shetty, S. K., Kumar, M. and Kumar, Y. (2017) 'Correlation between Facial Form and *Buccal Corridors* and Its Influence on Smile Esthetics', *International Journal of Current Research*, 9(8), pp. 56618–56622
- Staley, R. N. and Reske, N. T. (2011) *Essentials of Orthodontics Diagnosis and Treatment*. Iowa: Blackwell Publishing
- Syada, A. N., Kurniawan, F. K. D. W. and Wibowo, D. (2017) 'Tinjauan pada Sekolah Menengah Pertama yang memiliki Unit Kesehatan Sekolah dan Sekolah Menengah Pertama yang Tidak Memiliki UKS', *Dentino jurnal kedokteran gigi*, II(1), pp. 78–83
- Al Taki, A., Khalesi, M., Shagmani, M., Yahia, I. and Al Kaddah, F. (2016) 'Perceptions of Altered Smile Esthetics: A Comparative Evaluation in Orthodontists, Dentists, and Laypersons', *International Journal of Dentistry*, 2016. DOI: 10.1155/2016/7815274.
- Trisnawaty, N. (2017) '*Buccal Corridor* Yang Lebih Menarik Pada Estetik

- Senyum', *ODONTO : Dental Journal*, 4(1), p. 1. DOI: 10.30659/odj.4.1.1-6.
- Yang, I. H., Nahm, D. S. and Baek, S. H. (2008) 'Which hard and soft tissue factors relate with the amount of *buccal corridor* space during smiling?', *Angle Orthodontist*, 78(1), pp. 5–11. DOI: 10.2319/120906-502.1.
- Yoana, Y., Chemiawan, E. and Setiawan, A. S. (2017) 'Dentoalveolar changes in post-twin block appliance orthodontic treatment class II dentoskeletal malocclusion', *Dental Journal*, 211(32), pp. 211–215. DOI: 10.20473/j.djmkg.v50.i4.p211.
- Zange, S. E., Ramos, A. L., Cuoghi, O. A., Mendonça, M. R. De and Suguino, R. (2011) 'Perceptions of laypersons and orthodontists regarding the *buccal corridor* in long- and short-face individuals', *Angle Orthodontist*, 81(1), pp. 88–92. DOI: 10.2319/031210-145.1.