

DAFTAR PUSTAKA

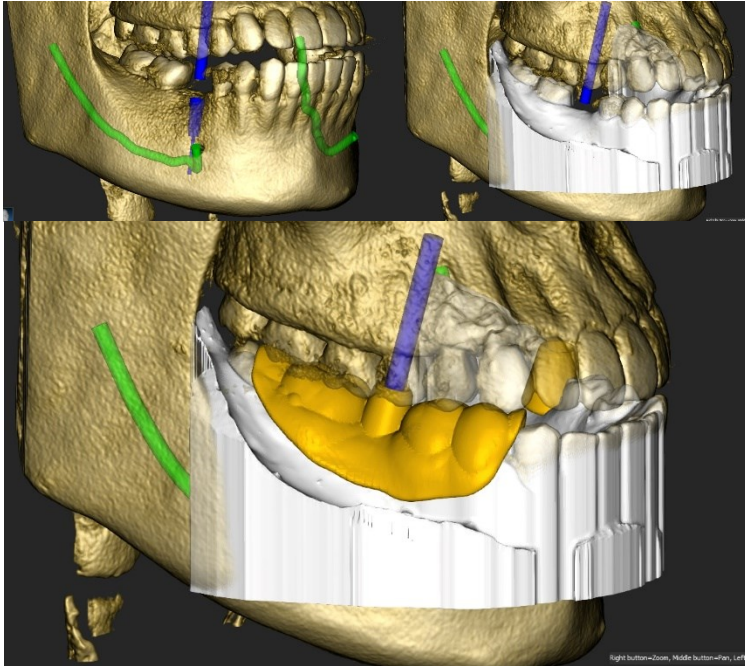
- Kim, M.J., Jeong, J.Y., Ryu, J., Jung, S., Park, H.J., Oh, H.K., et al. (2022) 'Accuracy of digital surgical guides for dental implants', *Maxillofacial Plastic and Reconstructive Surgery*, 44(1). Available at: <https://doi.org/10.1186/s40902-022-00364-4>
- Ali, N., Tolba, E.M. and Amer, M. (2023) 'Accuracy of guided implant surgery in the partially edentulous jaw using digital impression versus desktop scanner and CBCT cast scan: randomized clinical trial', [*Journal name, if available*], 11(D), pp. 20–27.
- Ma, B., Park, T., Chun, I. and Yun, K. (2018) 'The accuracy of a 3D printing surgical guide determined by CBCT and model analysis', *Journal of Advanced Prosthodontics*, 10(4), pp. 279–285.
- Abdelkarim, A. (2019) 'Cone-beam computed tomography in orthodontics', *Dental Journal*, 7(3).
- Yeung, M., Abdulmajeed, A., Carrico, C.K., Deeb, G.R. and Bencharit, S. (2020) 'Accuracy and precision of 3D-printed implant surgical guides with different implant systems: an in vitro study', *Journal of Prosthetic Dentistry*, 123(6), pp. 821–828. Available at: <https://doi.org/10.1016/j.prosdent.2019.05.027>
- Gjelvold, B., Mahmood, D.J.H. and Wennerberg, A. (2019) 'Accuracy of surgical guides from 2 different desktop 3D printers for computed tomography-guided surgery', *Journal of Prosthetic Dentistry*, 121(3), pp. 498–503. Available at: <https://doi.org/10.1016/j.prosdent.2018.08.009>
- Tatakis, D.N., Chien, H.H. and Parashis, A.O. (2019) 'Guided implant surgery risks and their prevention', *Periodontology 2000*, 81(1), pp. 194–208.
- Drage, N. (2018) 'CBCT in general dental practice', 7(1), pp. 26–30.
- Turbush, S.K. and Turkyilmaz, I. (2012) 'Accuracy of three different types of stereolithographic surgical guide in implant placement: an in vitro study', *Journal of Prosthetic Dentistry*, 108(3), pp. 181–188. Available at:

[http://dx.doi.org/10.1016/S0022-3913\(12\)60145-0](http://dx.doi.org/10.1016/S0022-3913(12)60145-0)

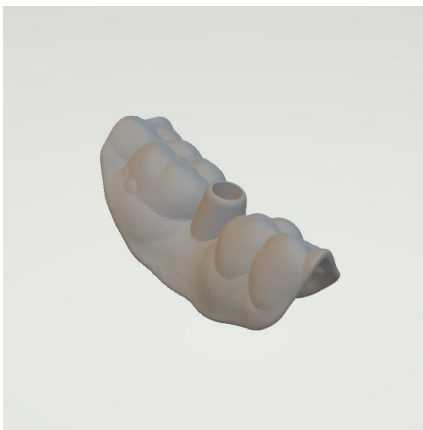
- Yuan, F., Sun, Y., Zhang, L. and Sun, Y. (2019) 'Accuracy of chair-side fused-deposition modelling for dental applications', *Rapid Prototyping Journal*, 25(5), pp. 857–863.
- Van Noort, J., (2012). The future of dental devices is digital. *Dental Materials*, 28(1), pp.3-12.
- Scherer, G., (2018). *3D Printing in Dentistry: Applications and Technologies*. In: *3D Printing in Medicine*. Springer.
- Kessler, M., (2013). Biocompatibility of Polymers in Medical Devices. In: *Handbook of Polymer Applications in Medicine and Biotechnology*.
- Hull, C., (2020). Comparative study of FDM and SLA 3D printing technologies. *Journal of 3D Printing in Medical Applications*, 5(2), pp.45-56.
- Sukovic P. Cone beam computed tomography in craniofacial imaging. *Orthodontics & Craniofacial Research* . 2003 ;6(s1):31–6.
- Farman AG, Scarfe WC. Historical Perspectives on CBCT. In: Scarfe WC, Angelopoulos C, editors. *Maxillofacial Cone Beam Computed Tomography: Principles, Techniques and Clinical Applications* . Cham: Springer International Publishing; 2018 . p. 3–11.
- Mandelaris GA, Scheyer ET, Evans M, Kim D, McAllister B, Nevins ML, et al. American Academy of Periodontology Best Evidence Consensus Statement on Selected Oral Applications for Cone-Beam Computed Tomography. *Journal of Periodontology* . 2017 ;88(10):939–45.
- Scarfe WC, Farman AG. What is Cone-Beam CT and How Does it Work? *Dental Clinics of North America* . 2008 Oct 1 ;52(4):707–30.
- Burgess J. Digital DICOM in Dentistry. *Open Dent J*. 2015;9:330–6. 34. Spin-Neto R, Marcantonio E, Gotfredsen E, Wenzel A. Exploring CBCT-based DICOM files. A systematic review on the properties of images used to evaluate maxillofacial bone grafts. *J Digit Imaging*. 2011 Dec;24(6):959–66.

- Block MS. Dental Implants: The Last 100 Years. *Journal of Oral and Maxillofacial Surgery* . 2018 Jan 1 ;76(1):11–26. Available from: [https://www.joms.org/article/S0278-2391\(17\)31249-1/fulltext](https://www.joms.org/article/S0278-2391(17)31249-1/fulltext)
- Goldberg PV, Higginbottom FL, Wilson TG. Periodontal considerations in restorative and implant therapy: Periodontal considerations in restorative and implant therapy. *Periodontology 2000* . 2001 Feb ;25(1):100–9.
- Davidoff SR. Restorative-based treatment planning: determining adequate support for implant-retained fixed restorations. *Implant Dent*. 1996 Jan 1;5(3):179–84.
- Higginbottom F, Belser U, Jones JD, Keith SE. Prosthetic Management of Implants in the Esthetic Zone. *International Journal of Oral & Maxillofacial Implants* . 2004 Nov 2 ;19(7):62–72.
- Fernandez-Gil A, Gil HS, Velasco MG, Moreno Vázquez JC: An in vitro model to evaluate the accuracy of guided implant placement based on the surgeon's experience. *Int J Oral Maxillofac Implants* 32(3): 151–154, 2017
- Turbush S K, Turkyilmaz I: Accuracy of three different types of stereolithographic surgical guide in implant placement: an in vitro study. *J Prosthet Dent* 108(3): 181– 188, 2012.
- Widmann G, Berggren JP, Fischer B, Pichler-Dennhardt AR, Schullian P, Bale R, Puelacher W: Accuracy of image-fusion stereolithographic guides: mapping CT data with three-dimensional optical surface scanning. *Clin Implant Dent Relat Res* 17 Suppl 2: e736–e744, 2015.
- Tahmaseb A, Wismeijer D, Coucke W, Derksen W: Computer technology applications in surgical implant dentistry: a systematic review. *Int J Oral Maxillofac Implants* 29 Suppl: 25–42, 2014.
- Park S, Leesungbok R, Cui T, Lee SW, Ahn SJ: Reliability of a CAD/CAM surgical guide for implant placement: an in vitro comparison of surgeons' experience levels and implant sites. *Int J Prosthodont* 30(4): 367–369, 2017
- Adams CR, Ammoun R, Deeb GR, Bencharit S. Influence of metal guide sleeves on the accuracy and precision of dental implant placement using guided implant surgery: An in vitro study. *J Prosthodont* 2023;32:62–70.

Lampiran 1. Foto Pelaksanaan Penelitian



Gambar 1: Proses desain surgical guide pada aplikasi AIS 3D App



Gambar 2: Hasil Fabrikasi Surgical Guide