

Daftar Pustaka

- Adamska, P., Adamski, Ł.J., Musiał, D., Tylek, K., Studniarek, M., Wychowański, P., Kaczoruk-Wieremczuk, M., Pyrzowska, D., Jereczek-Fossa, B.A. & Starzyńska, A., 2020. *Panoramic radiograph – a useful tool to assess the difficulty in extraction of third molars*. European Journal of Translational and Clinical Medicine, 3(2), pp.44–52. <https://doi.org/10.31373/ejtc/126928>.
- American Association of Oral and Maxillofacial Surgeons (AAOMS). (2024). *The Management of Impacted Third Molar Teeth*. AAOMS Clinical Practice Guideline.
- Asiry, M.A., Almutairi, M.A., Aldhafeeri, A.A., et al., 2022. *Diagnostic efficacy of panoramic radiographs in detection of jaw lesions compared to CBCT: a retrospective study*. BMC Oral Health, 22(1), Article 171. <https://doi.org/10.1186/s12903-022-02200-4>.
- Bravo Anchundia, D.I. & Cabrera Maldonado, L.F., 2024. *Spatial relationship between mandibular third molar and the mandibular canal in cone beam computed tomography: A cross-sectional descriptive study*. Revista Española de Cirugía Oral y Maxilofacial, 46(3), pp.136–144. <https://doi.org/10.20986/recom.2025.1581/2024>.
- Brasil, D.M. & Nascimento, E.H.L., 2019. *Is panoramic imaging equivalent to cone-beam computed tomography for classifying impacted lower third molars?* Journal of Oral and Maxillofacial Surgery, 77(11), pp.2222.e1–2222.e9. <https://doi.org/10.1016/j.joms.2019.03.041>.
- Carter, K. & Worthington, S., 2016. *Predictors of third molar impaction: a systematic review and meta-analysis*. Journal of Dental Research, 95(3), pp.267–276. <https://doi.org/10.1177/0022034515615857>.
- Del Llano, N.C. et al., 2020. *Panoramic versus CBCT used to reduce inferior alveolar nerve paresthesia after third molar extractions: A systematic review and meta-analysis*. Dentomaxillofacial Radiology, 49(4), pp.1–8. <https://doi.org/10.1259/dmfr.20190265>.
- Douglas A.F. Couto, et al., 2025. *Comparison of panoramic radiography and cone-beam computed tomography for lower third molar assessment among different dental specialists*. Journal of Oral and Maxillofacial Surgery, 83(8), pp.1000–1011.
- Ertem, S.Y. & Anlar, H., 2020. *Evaluation of the relation between impacted mandibular third molar classification and inferior alveolar canal*. Journal of Dentistry Indonesia, 27(1), pp.17–22. <https://doi.org/10.14693/jdi.v27i1.1115>.
- Filho, A.C.B. (2021). *Radiographic Assessment of Impacted Third Molars: Diagnostic Tools, Indications, and Clinical Relevance*. IRE Journals, 4(7), 206–211.
- Ghai, S. & Choudhury, S., 2018. *Role of panoramic imaging and cone-beam CT for assessment of inferior alveolar nerve exposure and subsequent paresthesia following removal of impacted mandibular third molar*. Journal of Maxillofacial and Oral Surgery, 17(2), pp.242–247. <https://doi.org/10.1007/s12663-017-1026-7>.



020. *Reliability of cone beam computed tomography in comparison with panoramic radiography to predict the anatomical relationship of inferior alveolar nerve with mandibular third molar*. Journal of Pharmacy and Bioallied Sciences, 12, pp.107–112. https://doi.org/10.4103/jpbs.JPBS_107_20.

Gu, L. et al., 2018. *Anatomic study of the position of the mandibular canal and corresponding mandibular third molar on cone-beam computed tomography images*. *Surgical and Radiologic Anatomy*, 40(6), pp.609–614. <https://doi.org/10.1007/s00276-017-1928-6>.

Hadziabdic, N. et al., 2023. *Clinical and radiological evaluation of impacted third molar position, crown and root morphology*. *Acta Medica Academica*, 52(2), pp.77–87. <https://doi.org/10.5644/ama2006-124.407>.

Indra, H., 2024. *Demographic and radiographic characteristics associated with the occurrence of impacted third molars in Indonesian patients*.

Jaroń, A. et al., 2021. *Correlation of panoramic radiography, cone-beam computed tomography, and three-dimensional printing in assessing spatial location of impacted mandibular third molars*. *Journal of Clinical Medicine*, 10(18), Article 4189. <https://doi.org/10.3390/jcm10184189>.

Kementerian Kesehatan Republik Indonesia. Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/MENKES/777/2022 tentang Pedoman Nasional Pelayanan Kedokteran Tata Laksana Impaksi Gigi. Jakarta: Kemenkes RI; 2022.

Khojastepour, L. et al., 2019. *Does the Winter or Pell and Gregory classification system indicate the apical position of impacted mandibular third molars?* *Journal of Oral and Maxillofacial Surgery*, 77(11), pp.2222.e1–2222.e9. <https://doi.org/10.1016/j.joms.2019.06.004>.

Kurniati, N. & Hani, S.T., 2024. *Unraveling the hidden connection: impacted third molar classification and mandibular canal proximity on panoramic radiographs*. *Jurnal Radiologi Dentomaksilofasial Indonesia*, 8(3). <https://doi.org/10.32793/jrdi.v8i3.1281>.

Lopes, F.S. et al., 2021. *Accuracy of panoramic radiography in detecting mandibular pathologies: a clinical approach*. *Imaging Science in Dentistry*, 51(2), pp.121–129.

Matzen, L.H. & Wenzel, A., 2015. *Efficacy of CBCT for assessment of impacted mandibular third molars: A review based on a hierarchical model of evidence*. *Dentomaxillofacial Radiology*, 44, 20140189. <https://doi.org/10.1259/dmfr.20140189>.

Mubarak, F. et al., 2024. *Diagnostic accuracy of panoramic radiography versus CBCT in assessing mandibular third molar and inferior alveolar canal relationship*. *BMC Oral Health*, 24(1), p.117. <https://doi.org/10.1186/s12903-024-04105-9>.

Mubarak, H., Tajrin, A. & Nurwaida, 2024. *Agreement of panoramic radiography with cone-beam computed tomography in classifying impacted lower third molars: a systematic review*. *Archives of Craniofacial Surgery*, pp.263–269. <https://doi.org/10.7181/acfs.2024.00304>.

Pandey, R. et al., 2018. *Assessment of Roods and Shehab criteria and mandibular canal position relative to third molar apices using CBCT*. *Tanta Dental Journal*, 15(1), pp.1–6. https://doi.org/10.4103/tj.tdj_53_17.



J. *Comparison of panoramic radiograph and CBCT findings for impacted mandibular root and canal relation*. *Indian Journal of Dental Research*, 31(6), pp.930–935. https://doi.org/10.4103/ijdr.IJDR_540_18.

Passi, D. et al., 2019. *Pattern and prevalence of impacted mandibular third molars in Delhi NCR*. National Journal of Maxillofacial Surgery, 10(2), pp.194–200. https://doi.org/10.4103/njms.NJMS_70_17.

Peker Öztürk, H. et al., 2023. *Evaluation of relationship between mandibular third molars and mandibular canal using panoramic radiography and CBCT*. Acta Stomatologica Cappadocia, 3(1), pp.27–37. <https://doi.org/10.54995/ASC.3.1.3>.

Putra, A.G., et al. 2024. *Knowledge and experience in using 2D and 3D diagnostic imaging among dentists in Surabaya*. Indonesian Journal of Dental Medicine.

Robbins, J. et al., 2022. *Does adding cone-beam CT to panoramic imaging reduce inferior dental nerve injuries during third molar surgery? A systematic review*.

Santos, K.K. et al., 2022. *Prevalence of mandibular third molars according to Pell & Gregory and Winter classifications*. Journal of Maxillofacial and Oral Surgery.

Saraydar-Baser, R. et al., 2015. *Comparison of CBCT and panoramic radiography with surgical findings for assessing proximity of impacted third molars to the mandibular canal*. Journal of Medicine and Life, 8(S3), pp.83–89.

Shaari, R.B. et al., 2023. *Prevalence and pattern of third molars impaction: a retrospective radiographic study*. Journal of Advanced Pharmaceutical Technology & Research, 14(2), pp.146–150. https://doi.org/10.4103/japtr.japtr_489_22.

Soares de Carvalho, J.R., da Silva Leite, J. & dos Santos Oliveira, R., 2021. *Evaluation of impacted lower third molars using cone beam computed tomography*. The Journal of Dentist, 9, pp.1–6.

Tantanapornkul, W. et al., 2016. *Accuracy of panoramic radiograph in assessing the relationship between mandibular canal and impacted third molars*. The Open Dentistry Journal, 10, pp.322–329. <https://doi.org/10.2174/1874210601610010322>.

Tassoker, M., 2019. *Diversion of the mandibular canal: Is it the best predictor of inferior alveolar nerve damage?* Oral Surgery, pp.213–218.

Vani Priya, P. et al., 2016. *Correlation of clinical assessment of impacted mandibular third molars with panoramic and periapical radiographs*. Journal of International Society of Preventive and Community Dentistry, 6(S3), pp.S219–S224. <https://doi.org/10.4103/2231-0762.197198>.

Vranckx, M. et al., 2019. *Radiographic prediction of mandibular third molar eruption and canal involvement based on angulation*. Oral Surgery, 12(1), pp.24–32. <https://doi.org/10.1111/ocr.12297>.

White, S.C. & Pharoah, M.J., 2019. *Oral Radiology: Principles and Interpretation*. 8th ed. St. Louis: Elsevier.



-dimensional positional relationship between impacted mandibular third molars and ular canal. (PDF).