



Current Awareness Bulletin:

Oral and Maxillofacial Surgery

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Oral Surgery

Third molars

- 1) Aliberti, A. et al. (2025) '[Using injectable Platelet-Rich fibrin to improve recovery after impacted lower third molar extraction: a randomized controlled clinical trial](#)', *Clinical oral investigations*, 29(10). DOI: 10.1007/s00784-025-06563-3.
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- 7) Maferano, E. et al. (2025) '[Quality of life after third molar surgery: a bibliometric analysis of randomized clinical trials](#)', *Medicina oral, patología oral y cirugía bucal*, (online ahead of print). DOI: 10.4317/medoral.27516.

- 8) Pérez, A. et al. (2025) 'Effect of Photobiomodulation on the Control of Edema and Pain After Third Molar Surgery: Double-Blinded Randomized Clinical Trial', *Journal of oral and maxillofacial surgery*, 83(9). DOI: 10.1016/j.joms.2025.05.010.
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Other

- 1) Adhikari, M. et al. (2025) 'Dentigerous Cyst Associated With Impacted Inverted Mesiodens: A Report of Three Cases and a Brief Literature Review', *Case reports in dentistry*, 2025(1). DOI: 10.1155/crid/6989796.
- 2) Claeys, G. et al. (2025) 'Does expander design influence the risk of asymmetric palatal expansion? A retrospective cohort study', *Head & face medicine*, 21(1). DOI: 10.1186/s13005-025-00534-5.
- 3) Corp, F. et al. (2025) 'Deep neck infections: a single-centre analysis of 100 cases in the West of Scotland', *British journal of oral & maxillofacial surgery*, 63(7). DOI: 10.1016/j.bjoms.2025.05.008.
- 4) Gasimov, N. et al. (2025) 'Body Mass Index Changes and Muscle Loss After Orthognathic Surgery: A Prospective Study', *Journal of oral and maxillofacial surgery* (online ahead of print). DOI: 10.1016/j.joms.2025.06.223.
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- 9) Qin, Q. et al. (2025) 'Facial artery-based flap for oral and maxillofacial defects: a narrative review', *Clinical oral investigations*, 29(8). DOI: 10.1007/s00784-025-06219-2.
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- 11) van der Wel, H. et al. (2025) 'Maxilla-first patient-specific osteosynthesis vs mandible-first bimaxillary orthognathic surgery using splints: a randomized controlled trial', *International journal of oral and maxillofacial surgery*, 54(8). DOI: 10.1016/j.ijom.2025.01.016.
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- 13) Vu, C. et al. (2025) 'Accuracy of computer-simulated mandibular autorotation following single-jaw maxillary repositioning surgery using customized surgical cutting guides and fixation plates', *International journal of oral and maxillofacial surgery*, 54(9). DOI: 10.1016/j.ijom.2025.01.017.

Head and Neck Cancer, Cutaneous Malignancy and Benign Tumours

- 1) Araújo, A.L.D. *et al.* (2025) 'Older Patients with Head and Neck Cancer: A Scoping Review of Differences Regarding Diagnosis and Outcomes', *Head & neck*, 47(9). DOI: 10.1002/hed.28168.
- 2) Ghosh, R. *et al.* (2025) 'Lingual lymph nodes in tongue cancers: a systematic review and meta-analysis', *British journal of oral & maxillofacial surgery*, 63(8). DOI: 10.1016/j.bjoms.2025.05.017.
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- 4) Gürses, B.O. *et al.* (2025) 'Differentiation of benign and malignant oral lesions through surface texture analysis and SVM modeling', *Clinical oral investigations*, 29(9). DOI: 10.1007/s00784-025-06478-z.
- 5) Kitchin, S. *et al.* (2025) 'Autologous Arteriovenous Loop Graft Creation for Head and Neck Microsurgical Reconstruction: A Pictorial Essay', *Head & neck*, 47(9). DOI: 10.1002/hed.28237.
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Medication-related Osteonecrosis of the Jaw (MRONJ)

- 1) de Lima Chaparin, R. et al. (2025) 'Medication-Related osteonecrosis of the jaw involving dental implants: A 16-Year observational study in a single cancer center', *Clinical oral investigations*, 29(9). DOI: 10.1007/s00784-025-06519-7.
- 2) Fujimori, M. et al. (2025) 'Do Healing Rates Differ Between Medication-Related and Medication-Unrelated Osteonecrosis of the Jaw?', *Journal of oral and maxillofacial surgery*, 83(9). DOI: 10.1016/j.joms.2025.05.023.
- 3) Mutlu, M., Altundoğan, S. and Kocamaz, Ö.F. (2025) 'Awareness and Attitude Towards MRONJ Among Physicians Prescribing Antiresorptive Drugs: A Cross-Sectional Study', *BMC oral health*, 25(1). DOI: 10.1186/s12903-025-06490-5.
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- 6) Stelea, C.G. et al. (2025) 'Bisphosphonate-Related Osteonecrosis of the Jaw: A 10-Year Analysis of Risk Factors and Clinical Outcomes', *Journal of clinical medicine*, 14(13). DOI: 10.3390/jcm14134445.
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- 8) Zavalloni, G. et al. (2025) 'Endodontic treatment and management of patients under antiresorptive treatment: a scoping review on MRONJ risk', *Clinical oral investigations*, 29(10). DOI: 10.1007/s00784-025-06543-7.

Trauma and Pain

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- 2) Al-Haj Husain, A. et al. (2025) '[Black bone and CT-like MRI-based delineation of fracture-prone regions in oral and maxillofacial trauma](#)', *Oral and maxillofacial surgery*, 29(1). DOI: 10.1007/s10006-025-01431-6.
- 3) Costello, L. et al. (2025) '[The 50 Most-Cited Publications on Mandibular Condyle Fractures: A Bibliometric Study](#)', *Journal of oral and maxillofacial surgery*, (online ahead of print). DOI: 10.1016/j.joms.2025.09.006.
- 4) Liang, Y. et al. (2025) '[Expert consensus on the diagnosis and treatment of cemental tear](#)', *International journal of oral science*, 17(1). DOI: 10.1038/s41368-025-00381-9.
- 5) Orsi, E. et al. (2025) '[Age-Related Patterns of Midfacial Fractures in a Hungarian Population: A Single-Center Retrospective Study](#)', *Journal of clinical medicine*, 14(15). DOI: 10.3390/jcm14155396.
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- 7) Qin, S. et al. (2025) '[Advances in orofacial pain research: a bibliometric analysis](#)', *Frontiers in neurology*, 16. DOI: 10.3389/fneur.2025.1609437.
- 8) Rose, J. et al. (2025) '[Risk Factors Associated With Complications in Treated Mandibular Fractures: A Retrospective Cohort Study](#)', *Journal of oral and maxillofacial surgery*, 83(8). DOI: 10.1016/j.joms.2025.04.008.

General / Miscellaneous

- 1) Radi, I.A.E. and El Garhy, A.H.M. (2025) '[Integrating oral maxillofacial surgery education into UK medical curricula is a key to address knowledge gaps and improve early diagnosis](#)', *The journal of evidence-based dental practice*, 25(3). DOI: 10.1016/j.jebdp.2025.102165.

Additional Resources and Support

Evidence Summaries

Evidence summaries are point of care decision support tools that make it easier to get evidence into practice. They summarise high-quality evidence on different conditions, including practice advice around diagnosis and treatment options, into consider reference entries to help you find answers to clinical questions easily. There are several evidence summary tools available via The Knowledge Network as part of our national library subscriptions. You may be particularly interested in searching [BMJ Best Practice](#) or [DynaMed](#) for up-to-date information on conditions of interest.

Medicines Information

There are also several Medicines Information resources available via The Knowledge Network, including the BNF. You may be interested in [accessing these resources](#) for up-to-date evidence and advice around the safe, efficient and effective use of medicines.

Literature Searching and Training

If you would like to request a literature search around a particular research topic or clinical question, or if you'd like to arrange training/support with using The Knowledge Network, specific resources, or with literature searching, then please [contact your local library service](#) who will be happy to advise further.

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