



Current Awareness Bulletin:

Oral and Maxillofacial Surgery

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Oral Surgery

Third molars

- 1) Bhat, M.Y. et al. (2025) '[Comparative Effects of 4% Articaine and 2% Lignocaine on Salivary Biomarkers of Pain and Stress in Surgical Extraction of Impacted Mandibular Third Molars: A Prospective Observational Study](#)', *Curēus*, 17(10). DOI: 10.7759/cureus.94575.
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- 11) Powcharoen, W., Naruenartwongsakul, Y. and Tachasuttirut, K. (2025) '[The analgesic effect of adding magnesium sulphate to inferior alveolar nerve block in mandibular third molar surgery: a randomised controlled trial](#)', *British journal of oral & maxillofacial surgery*, 63(9), pp. 643–649. DOI: 10.1016/j.bjoms.2025.05.014.
- 12) Ruppel, C. et al. (2025) '[Preoperative 15 mg of melatonin for surgical discomfort, pain, edema and trismus in mandibular third molar surgery: a randomized double-blind placebo-controlled clinical trial](#)', *Clinical oral investigations*, 29(12). DOI: 10.1007/s00784-025-06649-y.
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Other

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- 11) Zheng, L. et al. (2025) '[The impact of orthognathic surgery on oral function-related quality of life: a systematic review](#)', *Oral and maxillofacial surgery*, 29(1). DOI: 10.1007/s10006-025-01475-8.

Head and Neck Cancer, Cutaneous Malignancy and Benign Tumours

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- 2) Koerdt, S. et al. (2025) '[Remote access sentinel lymph node biopsy in oral cancer](#)', *International journal of oral and maxillofacial surgery*, 54(11), pp. 1019–1022. DOI: 10.1016/j.ijom.2025.03.010.
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Medication-related Osteonecrosis of the Jaw (MRONJ)

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- 5) Munakata, K. *et al.* (2025) '[A Retrospective Analysis of Outcomes of Nonoperative Therapy for Medication-Related Osteonecrosis of the Jaw](#)', *Journal of oral and maxillofacial surgery*, 83(12), pp. 1549–1559. DOI:
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- 7) Obermeier, K.T. *et al.* (2025) '[Bisphosphonates – Boon or bane for oral and maxillofacial surgery? Anti-resorptive drugs and their potential role in dentistry](#)

[and oral and maxillofacial surgery](#)’, *Journal of cranio-maxillo-facial surgery*, 53(12), pp. 2199–2209. DOI: 10.1016/j.jcms.2025.10.003.

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Trauma and Pain

- 1) Anyikwa, C.L. *et al.* (2025) ‘[Surgical Approaches and Postoperative Outcomes in Zygomatic Fractures: A Systematic Review](#)’, *Journal of oral and maxillofacial surgery*, 83(9). DOI: 10.1016/j.joms.2025.06.195.
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- 5) Henderson, T. and Brennan, P.A. (2025) ‘[Trends in the last decade of maxillofacial trauma in England](#)’ *British journal of oral & maxillofacial surgery*, 63(10), pp. 761–766. DOI: 10.1016/j.bjoms.2025.08.005.
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General / Miscellaneous

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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

into concise reference entries to help you find answers to clinical questions easily. They include practical information around diagnosis and treatment options.

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

CABs provide a broad overview of a topic. If you would like to request a literature search around a more specific 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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