



**ORAL AND MINOR ORAL SURGERY:  
AI & ROBOTICS**

<a href="#"><u>Artificial intelligence for the oral and maxillofacial surgeon: a narrative review</u></a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Oral Maxillofac Surg 2025; online 24 Dec doi.org/10.1016/j.joms.2025.12.013
<a href="#"><u>Can Large Language Models take clinical anamnesis? comparative evaluation of ChatGPT-4o, Claude, and Gemini in diagnostic reasoning through case-based questioning in oral and maxillofacial disorders</u></a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Stomatol Oral Maxillofac Surg 2025; online 8 Nov: 102644
<a href="#"><u>Artificial intelligence-enabled automatic segmentation of impacted mandibular third molars: A comprehensive comparison of multiple algorithms</u></a>	J Dent Sci 2025; online 8 Nov: doi.org/10.1016/j.jds.2025.10.032
What impact could artificial intelligence have on oral surgery in the next five years? [Log in to the <a href="#">BDA home page</a> and follow the link to the BDJ Portfolio to access]	BDJ In Practice 2024; 37(11): 418-420
Deep learning-based facial and skeletal transformations for surgical planning [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	J Dent Res 2024; 103(8): 809-819
<a href="#"><u>Evaluation of AI-generated responses by different artificial intelligence chatbots to the clinical decision-making case-based questions in oral and maxillofacial surgery</u></a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	Oral Surg Oral Med Oral Pathol Oral Radiol 2024; 137 (6): 587-93
<a href="#"><u>Autologous transplantation tooth guide design based on deep learning</u></a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Oral Maxillofac Surg 2024; 82 (3): 314-24
<a href="#"><u>Robotic surgery: A pending subject in oral and maxillofacial surgery</u></a>	J Dent Sci 2024; online 22 Jan doi.org/10.1016/j.jds.2024.01.006
The use of artificial intelligence in third molar surgery risk assessment (request using <a href="https://www.smartsurvey.co.uk/s/PJHMV/">https://www.smartsurvey.co.uk/s/PJHMV/</a> )	Dental Update 2024; 51 (1): 28-33
<a href="#"><u>The impact and opportunities of large language models like ChatGPT in oral and maxillofacial surgery: a narrative review</u></a>	Int J Oral Maxillofac Surg 2024; 53 (1): 78-88
<a href="#"><u>Is ChatGPT a reliable source of scientific information regarding third-molar surgery?</u></a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Am Dent Assoc 2024; Jan 08 [Early view]
<a href="#"><u>Can ChatGPT be used in oral and maxillofacial surgery?</u></a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Stomatol Oral Maxillofac Surg 2023; 124(5): 101471



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<a href="#"><u>Machine learning algorithm based on jaw feature points assist complex maxillary and mandibular reconstruction</u></a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Stomatol Oral Maxillofac Surg 2023; 124(1): 101343
<a href="#"><u>Risk assessment of inferior alveolar nerve injury after wisdom tooth removal using 3D AI-driven models: A within-patient study</u></a>	J Dent 2023; 139: 104765
<a href="#"><u>Preinterventional third-molar assessment using robust machine learning</u></a>	J Dent Res 2023; online 9 Nov doi.org/10.1177/0022034523120078
<a href="#"><u>Positional assessment of lower third molar and mandibular canal using explainable artificial intelligence</u></a>	J Dent 2023; (133): 104519
<a href="#"><u>Artificial intelligence in oral and maxillofacial surgery education</u></a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	Oral Maxillofac Surg Clin N Am 2022; 34 (4): 585-91
<a href="#"><u>A review on the application of deep learning for CT reconstruction, bone segmentation and surgical planning in oral and maxillofacial surgery</u></a>	Dento-Maxillofacial Radiology 2022; 51(7): 20210437
<a href="#"><u>Artificial intelligence: the future of maxillofacial prognosis and diagnosis?</u></a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Oral Maxillofac Surg 2021; 79 (7): 1396-7
<a href="#"><u>Present and future trends in transoral surgical intervention: Maximal surgery, invasive surgery, and transoral robotic surgery</u></a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	Oral Maxillofac Surg Clin N Am 2021; 33(2): 262-273
<a href="#"><u>Welcome the "new kid on the block" into the family: artificial intelligence in oral and maxillofacial surgery</u></a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	Br J Oral Maxillofac Surg 2020; 58(1): 83-84