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<a href="#">A novel deep learning model for automated diagnosis of oral squamous cell carcinoma and related leukoplakia in pathological images</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 2026; Feb 10
<a href="#">Predicting malignant transformation in oral leukoplakia: A multilayer perceptron approach incorporating clinicopathological features and DNA content</a>	J Oral Pathol Med 2026; 55(2): 249-260
<a href="#">Artificial intelligence outperforms a nomogram for osteoradionecrosis prognostication following fibula free flap reconstruction in oral cancer patients</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 2026; 127 (1): 102584
<a href="#">DNA methylation-based machine learning models for classification of oral cancer and potentially malignant lesions: A proof-of-concept study</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; 127(2): 102549
<a href="#">Explainable machine learning for the prognostication of salivary duct carcinoma: Development and deployment of a web-based prediction tool</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; 126(6S): 102528
<a href="#">Deep learning-based multimodal CT/MRI image fusion and segmentation strategies for surgical planning of oral and maxillofacial tumors: A pilot study</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; 126(5S): 102324
<a href="#">Development of a prognostic tool using machine learning to identify high-risk mucoepidermoid carcinoma patients across diverse anatomical sites</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; 126(5S): 102490
<a href="#">The diagnostic value of artificial intelligence in oral squamous cell carcinoma: A systematic review and meta-analysis</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; 126 (5 supplement): 102429
<a href="#">Artificial intelligence-assisted enhancement of diagnostic accuracy and efficiency in detecting cervical lymph node metastases in oral squamous cell carcinoma</a>	J Dent Sci 2025; 20(4): 2092-2097
<a href="#">An annotated clinical image dataset for AI classification of malignant and potentially malignant oral lesions</a>	BDJ (2025). doi.org/10.1038/s41415-025-9007-6
Molecular biomarkers and machine learning in oral cancer: a systematic review and meta-analysis [Accessible from the Wiley link <a href="#">on this page</a> ]	Oral Dis 2025; online 13 Oct doi.org/10.1111/odi.70121
<a href="#">Recent advancements in artificial intelligence-powered cancer prediction from oral microbiome</a>	Perio 2000 2025; online 11 Sep doi.org/10.1111/prd.70000
<a href="#">Artificial intelligence and emerging technologies in diagnosis of oral potentially malignant disorders</a>	BDJ Team 2024; 11(10): 454-456



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A deep learning system to predict epithelial dysplasia in oral leukoplakia (request using <a href="https://www.smartsurvey.co.uk/s/PJHMV/">https://www.smartsurvey.co.uk/s/PJHMV/</a> )	J Dent Res 2024; online 9 Oct doi.org/10.1177/00220345241272048
<a href="#">Application of neural networks for the detection of oral cancer: A systematic review</a>	Dent Med Probl 2023; Apr 26 [Ahead of print]
<a href="#">Clinicians' perception of oral potentially malignant disorders: a pitfall for image annotation in supervised learning</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 2023; 136(3): 315-321
<a href="#">Reconstruction of head and neck oncological soft tissue defects post-resection using robotic surgery: a systematic review of the current literature</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 2023; 61(8): 514-521
<a href="#">Malignant and non-malignant oral lesions classification and diagnosis with deep neural networks</a>	J Dent 2023; 137: 104657
<a href="#">Early detection of squamous cell carcinoma of the oral tongue using multidimensional plasma protein analysis and interpretable machine learning</a>	J Oral Pathol Med 2023; 52(7): 637-643
<a href="#">Can artificial intelligence (AI) assist in the diagnosis of oral mucosal lesions and/or oral cancer? [Editorial]</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 2022; 134(4): 413-414
<a href="#">The effectiveness of artificial intelligence in detection of oral cancer</a>	Int Dent J 2022; 72(4): 436-447
Histopathology-based diagnosis of oral squamous cell carcinoma using deep learning [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	J Dent Res 2022; 101(11): 1321-1327
<a href="#">Development of a radiomics and machine learning model for predicting occult cervical lymph node metastasis in patients with tongue cancer</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 2022; 134(1): 93-101
<a href="#">Segmentation of metastatic cervical lymph nodes from CT images of oral cancers using deep-learning technology</a>	Dento-Maxillofac-Radiol 2022; 51(4): 20210515
Artificial intelligence – can it be used to outsmart oral cancer? [Log in to the <a href="#">BDA home page</a> and follow the link to the BDJ to access]	EBD 2022; 23(1): 12-13
<a href="#">Automatic discrimination of Yamamoto-Kohama classification by machine learning approach for invasive pattern of oral squamous cell carcinoma using digital microscopic images: a retrospective study</a>	Oral Surg Oral Med Oral Pathol Oral Radiol 2022; 133(4): 441-452
<a href="#">Performance of deep convolutional neural network for classification and detection of oral potentially malignant disorders in photographic images</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]	Int J Oral Maxillofac Surg 2022; 51(5): 699-704
Automatic classification and detection of oral cancer in photographic images using deep learning algorithms [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	J Oral Pathol Med 2021; 50(9): 911-918



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Application of artificial intelligence and machine learning for prediction of oral cancer risk [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	J Oral Pathol Med 2021; 50(5): 444-450
Comparison of machine learning algorithms for the prediction of five-year survival in oral squamous cell carcinoma [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	J Oral Pathol Med 2021; 50(4): 378-384
<a href="#">Deep machine learning for oral cancer: From precise diagnosis to precision medicine</a>	Front Oral Health 2021; 2: 794248
Machine learning and treatment outcome prediction for oral cancer [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	J Oral Pathol Med 2020; 49(10): 977-985
<a href="#">Machine learning predicts lymph node metastasis in early-stage oral tongue squamous cell carcinoma</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 2020; 78(12): 2208-2218
Improvement of oral cancer screening quality and reach: The promise of artificial intelligence [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	J Oral Pathol Med 2020; 49(8): 727-730
<a href="#">Improving oral cancer outcomes with imaging and artificial intelligence</a>	J Dent Res 2020; 99(3): 241-248
A personalized computational model predicts cancer risk level of oral potentially malignant disorders and its web application for promotion of non-invasive screening [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	J Oral Pathol Med 2020; 49(5): 417-426