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## Machine Learning-Guided Adjuvant Treatment of Head and Neck Cancer

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#	Paper	IF	Citations
27	Current indications for adjuvant treatment following transoral laser microsurgery of early and intermediate laryngeal cancer. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , <b>2021</b> , 29, 79-85	2	3
26	Microscopic Extranodal Extension in HPV-Negative Head and Neck Cancer and the Role of Adjuvant Chemoradiation. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2021</b> , 165, 536-549	5.5	
25	Machine Learning Incorporating Host Factors for Predicting Survival in Head and Neck Squamous Cell Carcinoma Patients. <i>Cancers</i> , <b>2021</b> , 13,	6.6	2
24	Machine Learning for Head and Neck Cancer: A Safe Bet?-A Clinically Oriented Systematic Review for the Radiation Oncologist. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 772663	5.3	1
23	Benchmarking Eliminative Radiomic Feature Selection for Head and Neck Lymph Node Classification.. <i>Cancers</i> , <b>2022</b> , 14,	6.6	0
22	Data Mining and Machine Learning in Cancer Survival Research: An Overview and Future Recommendations.. <i>Journal of Biomedical Informatics</i> , <b>2022</b> , 104026	10.2	2
21	Validation of NRG Oncology's prognostic nomograms for oropharyngeal cancer in the Veterans Affairs database.. <i>Cancer</i> , <b>2022</b> ,	6.4	1
20	Predicting clinical outcomes of radiotherapy for head and neck squamous cell carcinoma patients using machine learning algorithms. <i>Journal of Big Data</i> , <b>2022</b> , 9,	11.7	0
19	Development of a Deep Learning Model for Malignant Small Bowel Tumors Survival: A SEER-Based Study. <i>Diagnostics</i> , <b>2022</b> , 12, 1247	3.8	0
18	Improving Adjuvant Liver-Directed Treatment Recommendations for Unresectable Hepatocellular Carcinoma: An Artificial IntelligenceBased Decision-Making Tool. <i>JCO Clinical Cancer Informatics</i> , <b>2022</b> ,	5.2	
17	Artificial Intelligence and Laryngeal Cancer: From Screening to Prognosis: A State of the Art Review. <i>Otolaryngology - Head and Neck Surgery</i> , 019459982211108	5.5	1
16	Semi-invertible Convolutional Neural Network for Overall Survival Prediction in Head and Neck Cancer. <b>2022</b> ,		
15	Deep learning models for predicting the survival of patients with chondrosarcoma based on a surveillance, epidemiology, and end results analysis. 12,		0
14	Neck Lymph Node Recurrence in HNC Patients Might Be Predicted before Radiotherapy Using Radiomics Extracted from CT Images and XGBoost Algorithm. <b>2022</b> , 12, 1377		
13	Deep Learning Artificial Intelligence to Predict the Need for Tracheostomy in Patients of Deep Neck Infection Based on Clinical and Computed Tomography FindingsPreliminary Data and a Pilot Study. <b>2022</b> , 12, 1943		1
12	Deep LearningBased Time-to-Death Prediction Model for COVID-19 Patients Using Clinical Data and Chest Radiographs.		0
11	Transoral Robotic Surgery for Oropharyngeal Squamous Cell Carcinoma of the Tonsil versus Base of Tongue: A Systematic Review and Meta-Analysis. <b>2022</b> , 14, 3837		

- 10 Accuracy of artificial intelligence-assisted detection of Oral Squamous Cell Carcinoma: A systematic review and meta-analysis. **2022**, 178, 103777
- 9 A deep learning-based model predicts survival for patients with laryngeal squamous cell carcinoma: a large population-based study. ○
- 8 Identification of Drug-Induced Liver Injury Biomarkers from Multiple Microarrays Based on Machine Learning and Bioinformatics Analysis. **2022**, 23, 11945 ○
- 7 Improvement of Mucosal Lesion Diagnosis with Machine Learning Based on Medical and Semiological Data: An Observational Study. **2022**, 11, 6596 ○
- 6 Empirical comparison of routinely collected electronic health record data for head and neck cancer-specific survival in machine-learned prognostic models. ○
- 5 Prognostic Prediction Models for Postoperative Patients with Stage I to III Colorectal Cancer: A Retrospective Study Based on Machine Learning Methods. ○
- 4 Advancement in Machine Learning: A Strategic Lookout from Cancer Identification to Treatment. ○
- 3 Development and Interpretation of a Clinicopathological-Based Model for the Identification of Microsatellite Instability in Colorectal Cancer. **2023**, 2023, 1-12 ○
- 2 Use of Survival-SVM combined with Random-Survival-Forest to predict the survival of nasopharyngeal carcinoma patients. ○
- 1 Development of a Machine Learning Model to Predict Recurrence of Oral Tongue Squamous Cell Carcinoma. **2023**, 15, 2769 ○