

Effectiveness of automated segmentation of maxillofacial structures in cone- beam computed tomography images using artificial intelligence: A systematic review  Accuracy of artificial intelligence in orthodontic extraction treatment planning: a systematic review and meta analysis  Unveiling the role of artificial intelligence applied to clear aligner therapy: A scoping review  Artificial intelligence in orthodontics: concerns, conjectures, and ethical dilemmas  Designing an artificial intelligence system for dental occlusion classification using intraoral photographs: A comparative analysis between artificial intelligence-based and clinical diagnoses (free to members on Science Direct. If you do not have a login email library@bda.org to request one)  Automatic cephalometric landmark identification with artificial intelligence: An umbrella review of systematic reviews (free to members on Science Direct. If you do not have a login email library@bda.org to request one)  Examination of the reliability and readability of Chatbot Generative Pretrained Transformer's (ChatGPT) responses to questions about orthodontics and the evolution of these responses in an updated version [free to members on Science Direct. If you do not have a login email library@bda.org to request one]  Clinical evaluation of Artificial Intelligence Driven Remote Monitoring technology for assessment of patient oral hypiene during orthodontic treatment (free to members on Science Direct. If you do not have a login email library@bda.org to request one)  Artificial intelligence for treatment planning and soft tissue outcome prediction of orthognathic treatment: A systematic review [can be accessed on DOSS free by logging in on this page]  Artificial intelligence model using lateral cephalometric radiographs [can be accessed on DOSS free by logging in on this page]  An artificial neural network approach for rational decision-making in borderline orthodontic cases: A preliminary analytical observational in silico study (can be accessed on DOSS free by		
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	borderline orthodontic cases: A preliminary analytical observational in silico	J Orthod 2023; 50(4): 439-448



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Artificial intelligence in orthognathic surgery – a narrative review of surgical digital tools and 3d orthognathic surgical planning	J Calif Dent Assoc 2023; 51(1): 2202444
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Evaluating the accuracy of automated orthodontic digital setup models	Seminars Orthod 2023; 29 (1): 60-67
Artificial intelligence system for automated landmark localization and analysis of cephalometry (request using <a href="https://www.smartsurvey.co.uk/s/PJHMV/">https://www.smartsurvey.co.uk/s/PJHMV/</a> )	Dentomaxillofacial Radiol 2023; 52 (1): 20220081
The validation of orthodontic artificial intelligence systems that perform orthodontic diagnoses and treatment planning	Eur J Orthodont 2022; 44 (4): 436-44



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Machine learning in orthodontics: Challenges and perspectives	Adv Clin Exp Med 2021; 30(10): 1065- 1074
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Robotic applications in orthodontics: Changing the face of contemporary clinical care	BioMed Res Int 2021: 9954615
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The diagnostic advantage of a CBCT-derived segmented STL rendition of the teeth and jaws using an AI algorithm (request using <a href="https://www.smartsurvey.co.uk/s/PJHMV/">https://www.smartsurvey.co.uk/s/PJHMV/</a> )	J Clin Orthod 2021; 55(6): 361-369
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Evaluation of automated cephalometric analysis based on the latest deep learning method	Angle Orthod 2021; 91(3): 329-335
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A deep learning-based approach for the detection of early signs of gingivitis in orthodontic patients using faster region-based convolutional neural networks	Int J Environ Res Public Health 2020; 17(22): 8447
Machine learning in orthodontics: Introducing a 3D auto-segmentation and auto-landmark finder of CBCT images to assess maxillary constriction in unilateral impacted canine patients	Angle Orthod 2020; 90(1): 77-84