

Course References

1. Blundell HL, Weir T, Byrne G. Predictability of overbite control with the Invisalign appliance comparing SmartTrack with precision bite ramps to EX30. *Am J Orthod Dentofacial Orthop*. 2022 Aug;162(2):e71-e81.
2. Cobourne, M.T. & DiBiase, A.T. (2024). *Handbook of Orthodontics E-Book: Handbook of Orthodontics E-Book*. Elsevier Health Sciences
3. Cowley et al. The effect of gingival-margin design on the retention of thermoformed aligners. *JCO* 2012 Nov; 46(11):697-702 A 3D finite element study.
4. Demir, Gizem Boztaş. "Understanding the effectiveness of attachments in clear aligner therapy: navigating design, placement, material selection and biomechanics" *Australasian Orthodontic Journal*, vol. 40, no. 2, Sciendo, 2024, pp. 63-74.
5. Eliliwi M, ElShebiny T, de Menezes LM, Stefanovic N, Palomo JM. Comparing virtual setup software programs for clear aligner treatment. *J World Fed Orthod*. 2023 Apr;12(2):50-55
6. Elshazly et al. Effect of attachment configuration and trim line design on the force system of orthodontic aligners: A finite element study on the upper central incisor. *Orthod Craniofac Res*. 2024 Dec; 27 Suppl 2:131-140.
7. Elshazly et al. Effect of trimming line design and edge extension of orthodontic aligners on force transmission: A 3D finite element study. *J Mech Behav Biomed Mater*. 2023 Apr;140:105741.
8. Elshazly et al. Effect of trimming line design and edge extension of orthodontic aligners on force transmission: An in vitro study. *Journal of Dentistry*. 2022 Oct; 125:104276
9. Gao L, Wichelhaus A. Forces and moments delivered by the PET-G aligner to a maxillary central incisor for palatal tipping and intrusion. *Angle Orthod*. 2017 Jul; 87(4):534-541.
10. Goh S, Dreyer C, Weir T. The predictability of the mandibular curve of Spee leveling with the Invisalign appliance. *AM J Orthod Dentofacial Orthop*, 2022 Aug; 162 (2); 193-200.
11. Jedliński M, Mazur M, Greco M, Belfus J, Grocholewicz K, Janiszewska-Olszowska J. Attachments for the Orthodontic Aligner Treatment-State of the Art-A Comprehensive Systematic Review. *Int J Environ Res Public Health*. 2023 Mar 2;20(5):4481.
12. Khosravi R, Cohananim B, Hujoel P, Daher S, Neal M, Liu W, Huang G. Management of overbite with the Invisalign appliance. *Am J Orthod Dentofacial Orthop*. 2017 Apr;151(4):691-699.
13. Nakornnoi et al. The biomechanical effects of clear aligner trimline designs and eextensions on orthodontic tooth movement: a systematic review. *BMC Oral Health* 24, 1523 (2024).
14. Nucera R, Dolci C, Bellocchio AM, Costa S, Barbera S, Rustico L, Farronato M, Militi A, Portelli M. Effects of Composite Attachments on Orthodontic Clear Aligners Therapy: A Systematic Review. *Materials (Basel)*. 2022 Jan 11;15(2):533.
15. Rugeles, C., & Sheikh, A. n.d. A proven system to predictably treat malocclusion
16. Shahabuddin N, Kang J, Jeon HH. Predictability of the deep overbite correction using clear aligners. *Am J Orthod Dentofacial Orthop*. 2023 Jun;163(6):793-801. doi: 10.1016/j.ajodo.2022.07.019. Epub 2023 Jan 19. PMID: 36681525.