

Course References

1. AlMogbel, A. (2023). Clear Aligner Therapy: Up to date review article. *Journal of orthodontic science*, 12.
2. Blundell HL Dr, Weir T Dr, Kerr B Dr, Freer E Dr. Predictability of overbite control with the Invisalign appliance. *Am J Orthod Dentofacial Orthop*. 2021 Nov;160(5):725-731.
3. Cobourne, M. T., & DiBiase, A. T. (2024). *Handbook of Orthodontics E-Book: Handbook of Orthodontics E-Book*. Elsevier Health Sciences.
4. Elshazly, T. M., Bourauel, C., Aldesoki, M., Salvatori, D., Alhotan, A., Keilig, L., & Ghoneima, A. (2024). Effect of attachment configuration and trim line design on the force system of orthodontic aligners: A finite element study on the upper central incisor. *Orthodontics & Craniofacial Research*.
5. Elshazly, T. M., Keilig, L., Salvatori, D., Chavanne, P., Aldesoki, M., & Bourauel, C. (2022). Effect of trimming line design and edge extension of orthodontic aligners on force transmission: an in vitro study. *Journal of Dentistry*, 125, 104276.
6. 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.
7. Martínez-Lozano, D., Castellanos-Andrés, D., & López-Jiménez, A. J. (2024). Staging of Orthodontic Tooth Movement in Clear Aligner Treatment: Macro-Staging and Micro-Staging—A Narrative Review. *Applied Sciences*, 14(15), 6690.
8. Nakornnoin, T., Srirodjanakul, W., Chintavalakorn, R., Santiwong, P., & Sipiyaruk, K. (2024). The biomechanical effects of clear aligner trimline designs and extensions on orthodontic tooth movement: a systematic review. *BMC Oral Health*, 24(1), 1523.
9. Nanda, R., Castroflorio, T., Garino, F., & Ojima, K. (Eds.). (2021). *Principles and Biomechanics of Aligner Treatment-E-Book: Principles and Biomechanics of Aligner Treatment-E-Book*. Elsevier Health Sciences.
10. Nucera, R., Dolci, C., Bellocchio, A. M., Costa, S., Barbera, S., Rustico, L., ... & Portelli, M. (2022). Effects of composite attachments on orthodontic clear aligners therapy: a systematic review. *Materials*, 15(2), 533.
11. Physical principles. (n.d.). In *Pocket Dentistry*. Retrieved February 11, 2025, from <https://pocketdentistry.com/physical-principles/>
12. Rugeles, C., & Sheikh, A. 2024. A proven system to predictably treat malocclusion.
13. Sadek, M. M., & Alhashmi, R. (2024). *Unplanned tooth movement in deepbite correction with Invisalign: A retrospective study*. EJWF.
14. Seehra, J. (2021). Orthodontic Aligner Treatment: A Review of Materials, Clinical Management, and Evidence.

15. Shahabuddin, N., et al. (2023). Predictability of the deep overbite correction using clear aligners. *American Journal of Orthodontics and Dentofacial Orthopedics*, 163(6), 793–801.
16. Upadhyay, M., & Arqub, S. A. (2022). Biomechanics of clear aligners: hidden truths & first principles. *Journal of the World Federation of Orthodontists*, 77(1), 12-21.