

# Dr. Moe Masoud

**Session Date:** Friday, September 26, 2025

**Session Time:** 3:30 – 4:15 PM

**Presentation:** *“The Evolving Landscape of Clear Aligner Therapy.”*

**Synopsis:** The lecture starts with a brief historical account of clear aligners therapy and how it evolved to the traditional corporate model that dominated the clear aligners landscape of today. The presentation goes on to highlight the strengths and weaknesses of clear aligner therapy and strategies to overcome the systems limitations. The cases include skeletal problem treated with clear aligners paired with growth modification, orthognathic surgery, and fixed appliances when appropriate.

The session concludes with recent advances in virtual planning and aligner manufacturing and the advantages of in-house aligner design and manufacturing using direct printed shape memory resin.

## Objectives:

- To become familiar with the evolution of clear aligners therapy.
- To learn how to combine growth modification and clear aligner therapy.
- To learn how to change the vertical dimension to improve the sagittal relationship.
- To become familiar with advances in clear aligner therapy that allow integrating growth modification components into the aligners.
- To become familiar with Orthognathic surgical planning and strategies for decompensation with clear aligners.
- To understand when surgery first is an appropriate approach
- To become familiar with in-house aligner design and manufacturing of clear aligners

## Biography:

Dr. Mohamed (Moe) Masoud was born in Fairfax VA in 1979, and completed his orthodontic specialty training and doctorate degree at The Harvard School of Dental Medicine in 2007. Dr. Masoud was awarded the prestigious Harry Sicher award by the American Association of Orthodontics, and the Joseph Henry



Award for clinical and research excellence by Harvard. He is a diplomate of the American Board of Orthodontics and has served as a clinical examiner for the Board.

In addition to maintaining a private practice, Dr. Masoud has served as the orthodontic clinic director at the Boston University, Henry M Goldman School of Dental Medicine, and the Director of Graduate Orthodontics at the Harvard School of Dental Medicine. His work on growth prediction and 3D facial imaging has been published and presented at national and international meetings.

His current research focuses on 3D facial imaging, sleep apnea, and expanding the use of clear aligners to treat problems with jaw size including cases that require jaw surgery. In 2018, he won the Invisalign Challenge in the Teen category, and two of his cases have been awarded 1st and 2nd place in the Multidisciplinary category at the 2020 Invisalign University Challenge.

In his free time he enjoys squash, snowboarding, underwater photography, and watercolor painting.

**\*DISCLOSURE OF FINANCIAL AND/OR BENEFICIAL INTEREST**

Speaker has indicated that he or members of his family have a financial or beneficial interest in a product or service related to his presentation.