

## Possibility of Shape memory aligner -Next generation Aligner Orthodontics

Dr. Kenji Ojima / Smile Innovation Orthodontics (Japan)

3D printed shape memory aligners are more versatile than conventional press type aligners. When heated, the material temporarily increases in malleability, allowing for aligner coverage to the undercut, which in turn increases aligner hold and leads to more effective control of tooth movement. This presentation will discuss how shape memory aligners are used clinically. It will also present common issues with conventional press aligners, and discuss solutions provided by shape memory aligners. In addition, the workflow of aligner creation using digital planning will also be introduced.

-Attendees of this presentation will better understand improvements in shape aligner technology compared with conventional press aligners.

shape memory Aligners -Attendees of this presentation will understand how to reach better and more predictable treatment outcomes through use of shape memory aligners with strong fundamental consideration of aligner orthodontic biomechanics.

-Attendees of this presentation will understand the role and procedure of digital planning for shape memory Aligners.

### Profile

- \* Adjunct Professor University of Torino Italy Orthodontics Department President of Japan
- \* Academy of Aligner Orthodontics Editor of Journal of Aligner Orthodontic Quintessence
- \* Former Invisalign clinical speaker and faculty
- \* Present, Director, Smile Innovation Orthodontics (Japan)