

Dr. Kucukkeles has done her PhD in 1984-1989 in Orthodontic Department of Marmara University in Istanbul where she became a Professor and the Vice Dean in year 2002. She chaired the Orthodontic Department of Marmara University in 2006-2011. She executed the editor in chief position of Turkish Journal of Orthodontics in 2004-2008 and elected as president of Turkish Orthodontic Society in 2010-2012. She has many publications and presentations and giving clinical courses in European countries since over 20 years. She is an active member of Angle Society of Europe. Recently She is teaching in Orthodontic Department of University of Bezmialem in Istanbul. She has been studying on treatment protocols of true Class II and III over 20 years. Her other interests are ; orthopaedic treatment of skeletal malocclusions, treatment of Class III , maxillary expansion , skeletal anchorage. She is married to a dentist and having a son who is an oral surgeon.

## **Traditional Approach in the Treatment of Vertical Malocclusions**

### **Should we intrude or extrude? In which patient? When? Which protocol?**

Vertical malocclusions can be broadly classified as open bite and deep bite. During this course, we will discuss posterior intrusion and anterior extrusion techniques used in the treatment of open bites, their indications for different patients, and their long-term outcomes through case presentations. In this section, participants will observe cases treated with skeletal anchorage for the intrusion of posterior teeth. In situations where anterior extrusion is required in open bite treatment, the MEAW (Multiloop Edgewise Arch Wire) technique will be discussed, along with the modified technique (reverse curve arches and anterior elastics). Treatment protocols will be explained through cases managed using these methods.

For deep bite cases, we will discuss anterior extrusion and/or posterior extrusion approaches, their indications, and review related case examples. The effects and application methods of different intrusion arch designs will also be covered, as well as the long-term outcomes of deep bite treatments.