

## Role of trainer device in early treatment of incisor proclination

**Farida Ammouche**

*University of Algiers, Algeria*

### Abstract:

Permanent incisor eruption is done in a harmonious way when the conditions of the dentoalveolar arches development are all united. This is not always the case, obstacles to growth as orofacial dysfunctions (improper swallowing, mouth breathing, and speech defects) or finger sucking can disrupt the eruptive process of these permanent teeth. Indeed, the incisor proclination is the most common abnormality observed among our patients. The impact is felt on the esthetic of the smile, essential parameter of the demand for orthodontic treatments. The clinical form and degree of severity depend on the etiological factors and the relevant dentoalveolar or skeletal structures involved in the onset of incisor relationship abnormalities. The therapeutic approach is chosen taking into account these factors but also the age of the patient and the stage of growth.

The incisor proclination when pronounced requires a large incisor repositioning and consequently space on the arches. Often associated with Class II skeletal discrepancy and dental crowding, the exaggerated overhang is corrected by dental extractions and incisor recoil particularly when the treatment is late. So, it is preferable to opt for early treatments mainly when the incisor proclination is related to a functional etiology, the chances of success are greater in the short and long term. The orthodontic treatment using a trainer allows a functional education and so the interception of incisor protrusion.

### Biography:

Farida Ammouche is an orthodontist and works at Department of Dentistry, University of Algiers as Professor. She holds several degrees in dentistry and orthodontics.



She has been teaching orthodontics to graduate students since 2001. She also works as a practitioner at Mustapha University Hospital of Algiers. She has presented a medical thesis in the topic of extraction versus non-extraction in 2013. She has participated in numerous national and international congresses with several communications and posters in different themes. She has also published articles in the field of prevention and interception as she is particularly involved in orthodontic screening and early treatment of malocclusions.

### Publication of speakers:

1. Farida Ammouche, "Role of functional rehabilitation in preventive and interceptive orthodontic management", *Sante Publique*, Dec 5; 29(5):707-709, 2017.
2. F. Ammouche and F. Si Ahmed, "Assessment of therapeutic extraction rates and criteria in orthodontics. Epidemiological study in the dentofacial orthopedics department of the Mustapha University Hospital, Algiers (Algeria)", *J Dentofacial Anom Orthod*, Volume 18, Number 3, 2015.
3. Farida Ammouche, "Etiological Diagnosis in Orthodontics and Interceptive Possibilities", *JOJ Orthoped Ortho Surg*, Volume 2 Issue 5- November 2019.

European Summit on Dental and Oral Health | March 19-20, 2020 | London, UK

**Citation:** Farida Ammouche; Role of trainer device in early treatment of incisor proclination; Euro Dental 2020; March 19-20, 2020; London, UK