

**Class II open-bite with hyperdivergent growth**  
Interception &  
functional, nutritional, occlusal harmonization

**Change a complex case into a simple Class I**

**Clinical case**

9 years old patient:  
finger sucking habits  
maxillary constriction,  
large open-bite.



**TREATMENT**

**Normalization of the maxillomandibular relations and functions with a PUL**

- maxillary: expansion screw

- mandibulary: expansion screw (light activation)

1

Guideline:  
Worn day and night during 12 months until the bonding of the orthodontic attachments



2

Followed by the bonding of two fixed retainers in addition with an anti-relapse and removable PUL W



**Before:**



**After:**



Global harmonization according to Ricketts :

- Facial**
- Fonctional**
- Occlusal**
- Skeletal**
- Psychological**
- Nutritional**
- Temporal**

