

DDS Filippo Cardarelli
Dentist
Specialist in Orthodontics



Dental Cross Bite



Patient aged 3 years, dental cross bite to the right, protracted finger sucking, atypical swallowing. Malocclusion is associated with altered shape of the upper jaw with associated respiratory problems.

The therapeutic sequence involves the following steps:

Elastodontic therapy with Amcop C Integral to expand the upper arch (flat mastication plane)

Replacement of the Amcop Integral with Amcop Basic





05/20



07/20





DDS Filippo Caraccioli

AMCOP C Integral





DDS Filippo Cardarelli







Conclusions



Cross bite malocclusion always requires early intervention; through the use of a flat mastication plane (Amcop Integral) it is possible to achieve transverse expansion of the upper arch and at the same time coordination of the arches in a stable manner. The occlusion achieved is the result of the skeletal expansion created by the elastodontic appliance and the restoration of proper lingual function.

The goal of elastodontic therapy in the growing patient is to eliminate factors that promote abnormal growth and the restoration of stomatognathic multifunction. Once the correct transverse diameter has been restored, the vertical dimension will be treated with braces with a high anterior mastication plane (Amcop Basic) ; at the end of therapy, the patient is left without any restraint and reevaluated with complete orthodontic check-up at age 6 years.

