

# TREATMENT OF CROWDING BY FIXED MULTIBRACKET APPLIANCE

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## AIM

The aim of this study was to show the efficiency of fixed appliances in the treatment of crowding in the patient with permanent dentition.

## MATERIAL AND METHOD

The girl at the age of 13 years with completed permanent dentition was treated in this case. The patient had bimaxillary retrognathism in skeletal Class I (ANB angle 4°), dental Class II, backward facial rotation (Bjork's polygon 401°), increasing value of SpP/MP angle (28°) and moderate crowding in the upper and lower jaw (5mm). The plan of treatment was the extraction of both upper first premolars using upper and lower fixed appliances.

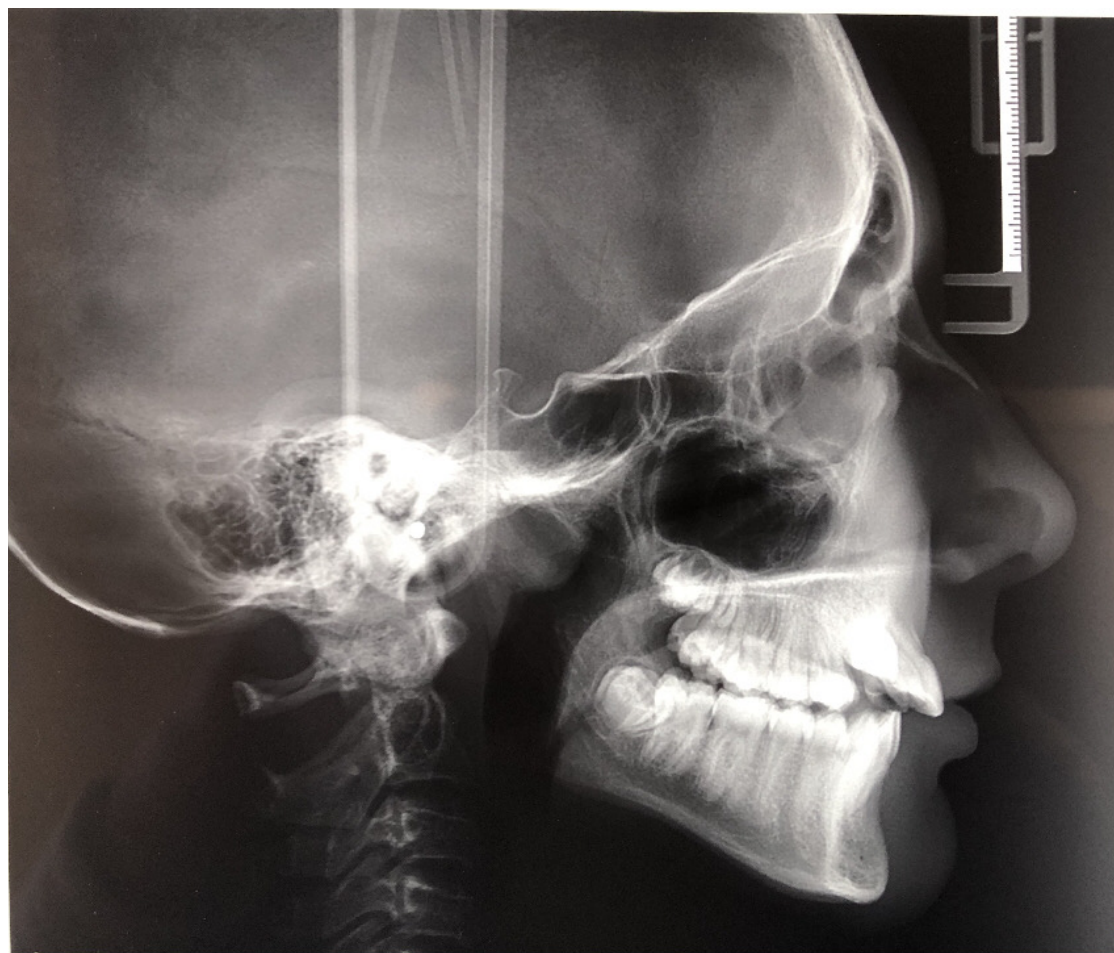
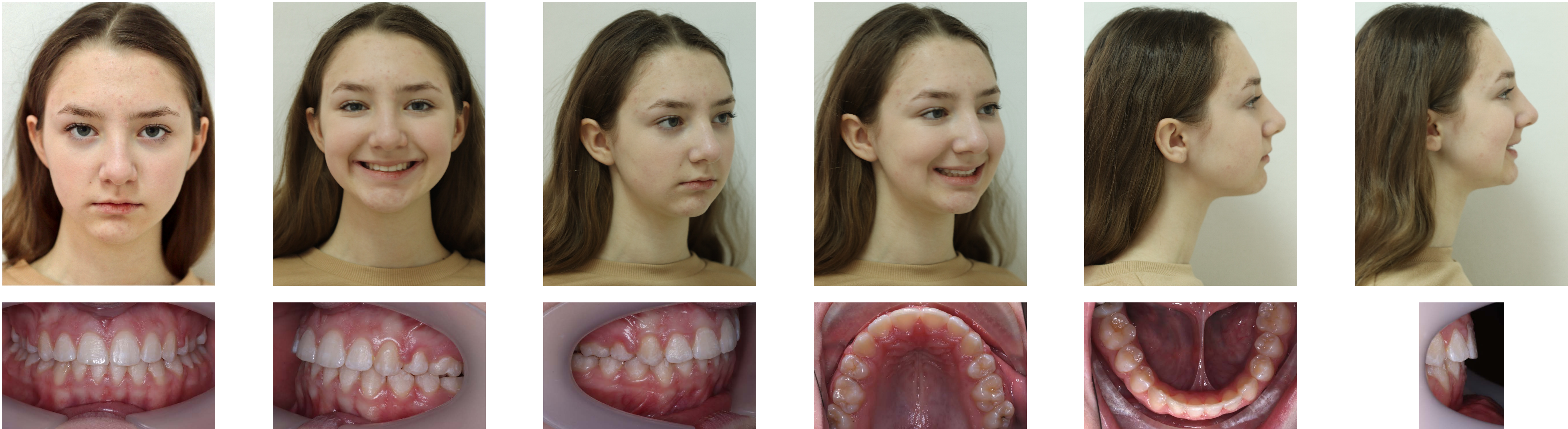
## RESULTS AND CONCLUSION

Treatment with fixed appliances lasted 25 months. At the end of treatment, the patient had stable occlusion in Class I on canines and Class II on first molars. Before treatment overjet and overbite were 7mm and 2mm, while after treatment both parameters were 2.5mm.

## BEFORE TREATMENT



## AFTER TREATMENT



## TREATMENT

