

## Treatment with active orthodontic appliance in adult patient

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**Aim:** Showing the efficiency of orthodontic mobile appliance in treatment of adult patient

**Case summary:** The patient A.K. Age 25 years whit forced progenia, bilateral hypodontia of the maxillary incisors and cross bite of 2 mm in front. The patient was treated with active orthodontic appliance whit bitten ridge and down labial arch. The treatment lasted 18 months after which periods is reached normal occlusion with normal overlap in front and closed diastema mediana. The hypodontia of the maxillary lateral incisors is resolved by prosthetic construction.

**Conclusion:** By solving these malocclusions the patient has established normal function of stomathognathic system and the required esthetic in satisfied. This case demonstrates that orthodontic mobile appliance can be used in treatments of adult patient whit significant success.

## TREATMENT WITH ACTIVE ORTHODONTIC MOBILE APPLIANCE IN ADULT PATIENT CASE REPORT



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### BEFORE THE TREATMENT



### MATERIAL AND METHOD

The patient A.K aged 25 years with forced progenia, bilateral hipodontia of the maxillary lateral incisors and cross bite of 2mm in front. The patient was treated with active orthodontic mobile appliance with bitten ridge and down labial arch. The treatment lasted 18 months after which period is reached normal occlusion with normal overlap in front and closed diastema mediana. The hipodontia of the maxillary lateral incisors is resolved by prosthetic construction.

### AFTER ORTHODONTIC TREATMENT WITH MOBILE APPLIANCE



### FINAL SITUATION AFTER THE PROSTHETIC CONSTRUCTION



### CONCLUSION

BY SOLVING THIS MALOCCLUSIONS THE PATIENT HAS ESTABLISHED NORMAL FUNCTION OF STOMATOGNATHIC SYSTEM AND THE REQUIRED ESTHETIC IS SATISFIED. THIS CASE DEMONSTRATES THAT ORTHODONTIC MOBILE APPLIANCE CAN BE USED IN TREATMENT OF ADULT PATIENTS WITH SIGNIFICANT SUCCESS.