

# Case Report :

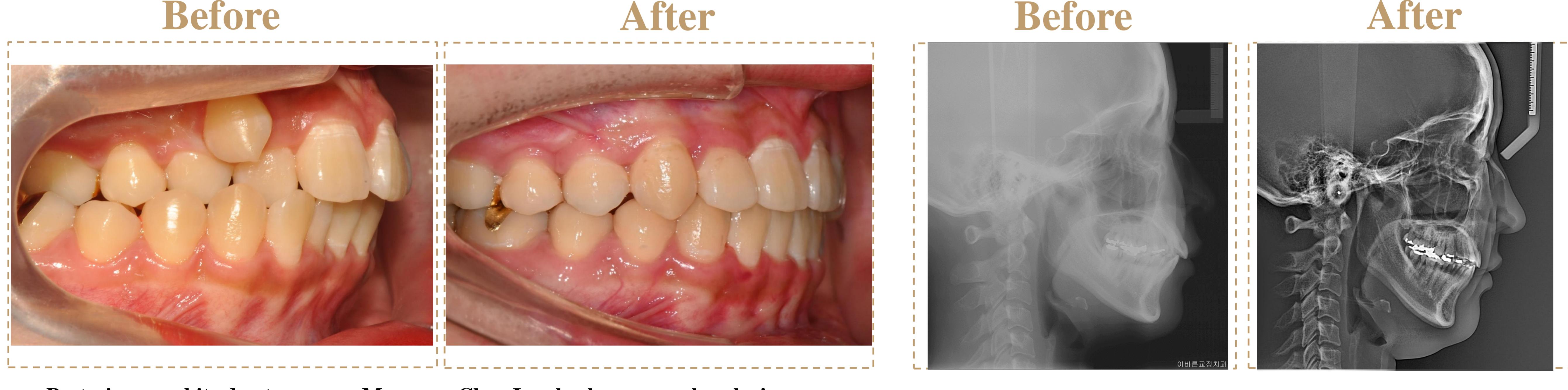
## Orthodontic treatment of posterior crossbite and crowding using MSE and TAD

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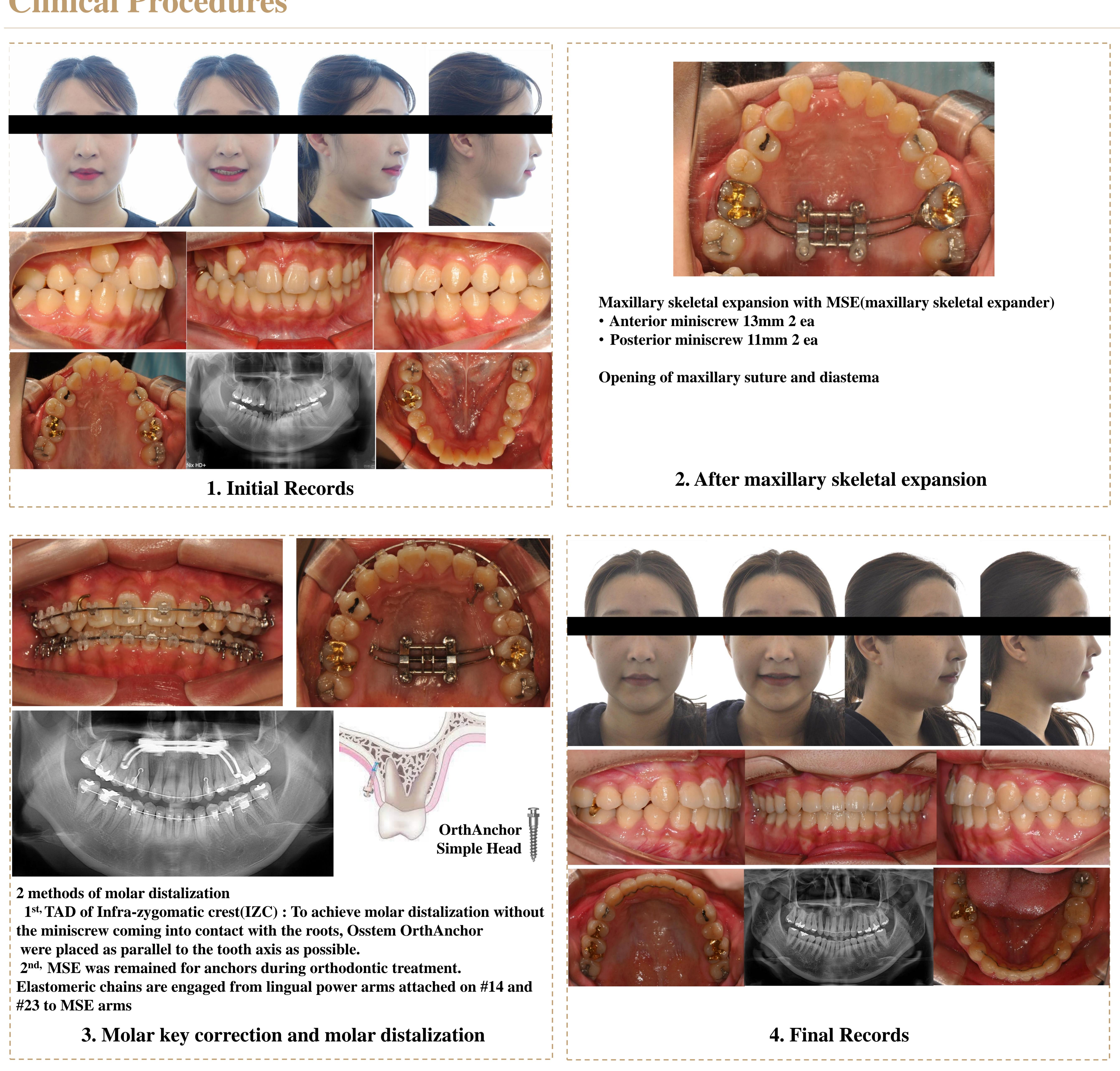


### Patient Information

- Age / Sex : 25/F
- Tooth Number : #13
- CC : high canine
- Dx : Skeletal transversal maxillary deficiency  
Rt. Posterior cross bite  
Rt. Class II molar occlusion  
Large overjet



### Clinical Procedures



### Conclusion

- For sufficient molar distalization, a conventional miniscrew placed in the interdental alveolar bone has limitations. If a large amount of posterior tooth movement is planned without contact with the roots of the teeth, the IZC (Infra-zygomatic crest) area is more advantageous for the placement of the miniscrew.
- Typically, the MSE (Maxillary Skeletal Expander) is removed six months after maxillary skeletal expansion, but for molar distalization, it can be kept for a longer period and used to achieve posterior movement with the MSE arm.