

# Comparison of indexed and non indexed Abutments.

## Case report

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A 27-year-old male patient gave a history of losing his teeth 14 and 16. After oral examination two Ankylos C/X implants were placed in these regions. After a healing period of three months the second stage surgery was made to expose the implants and two regular sulcusformer were inserted.



Insertion of the Ankylos C/X Implant A11

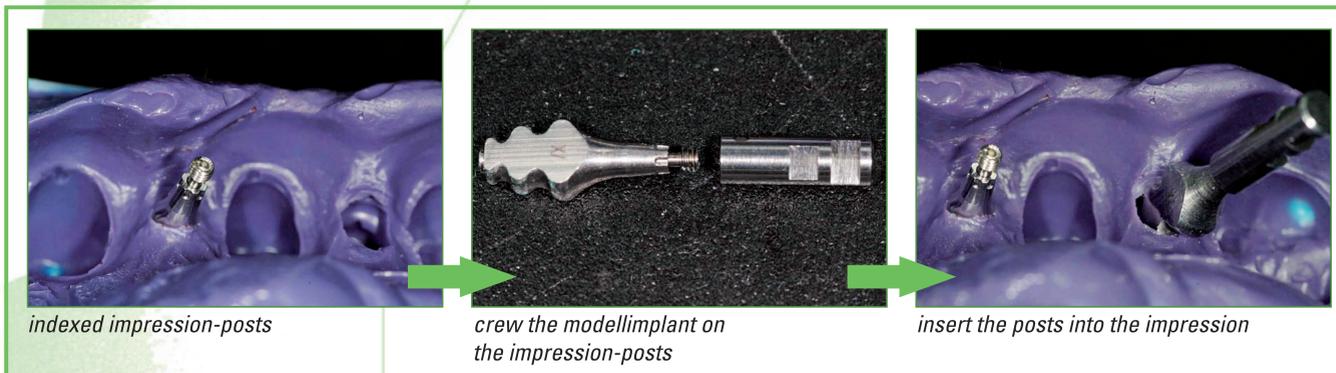


exposing the implants



impression-posts

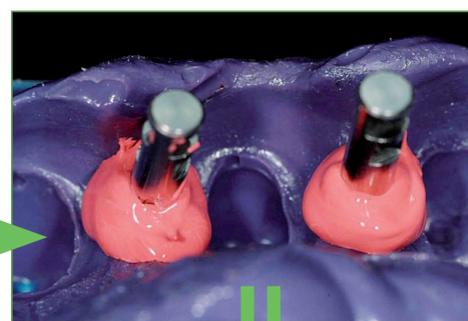
This case constitutes two possibilities of abutment supply. Implant 14 obtained a Regular Abutment without index whereas region 16 got a regular abutment with index. The implant impression was taken using indexed impression-posts for both implants. In region 16 we used the technique of a closed procedure and region 14 with the technique of an open procedure, just to compare both systems. Hereafter a dental cast was made and coated with a gum mask.



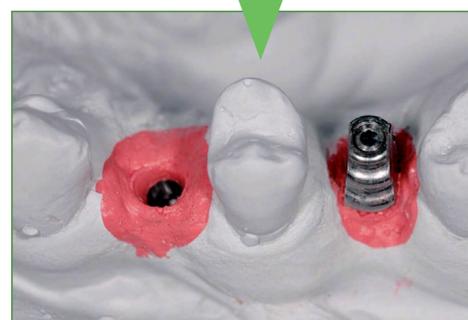
indexed impression-posts

crew the modell implant on the impression-posts

insert the posts into the impression

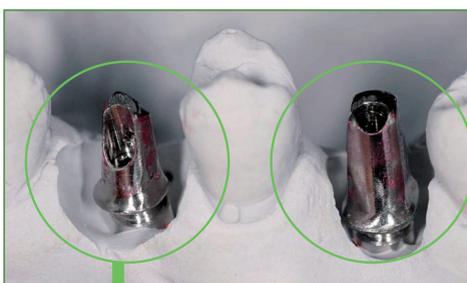


Gum mask

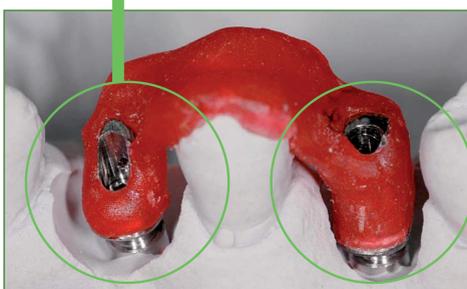


Dental cas

After manufacturing the dental cast the abutments are selected taking use of plastic-cull posts.



abutment selection with plasticcull posts 14-without index



16-with index

Subsequently an index key is constructed using Pattern resin which is utilized to transfer the posts intraoral. Besides, the key is only needed for the non-index abutment. Taking use of the index abutment a key is not required whereas it is quite useful for a simple adjustment in the posterior regions.

Hereafter the scaffolding is produced using veneered-alloy which has to be designed as a miniature of the original tooth because an opaque layer with Duceram Kiss ceramic is veneered.



Sandblasted abutments opaque layer on the coping finished crown



Thereafter the crowns are fitted in and attached.

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After waiting four weeks a perfect result regarding the soft tissue can be achieved.



transmission of the abutments with the index key in the mouth



Despite new developments concerning the Ankylos System it is simple and has nonetheless an outstanding product diversity. Furthermore a new way is paved to achieve a fabulous aesthetic picture without accustoming a new implementation.