

IMPLANT-RETAINED MONOLITHIC ZIRCONIUM RESTORATIONS FOR THE REHABILITATION OF EDENTULOUS MAXILLAE USING A TWO-STAGE 3D TEMPORARY APPROACH

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28th BaSS Congress

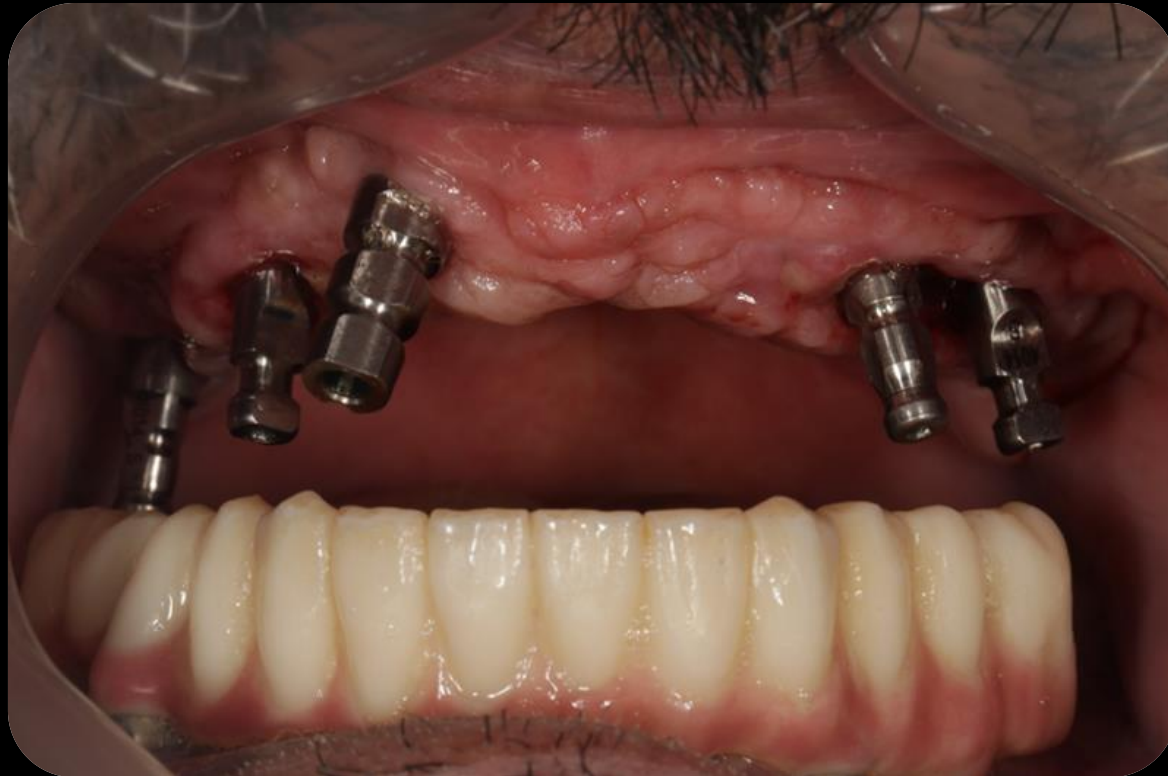
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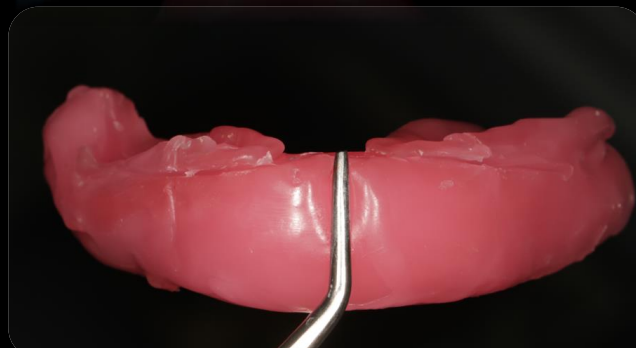
Montenegro, Budva

WHAT IS THE PURPOSE OF THIS CASE REPORT?

to show predictable protocol for achieving adequate vertical dimension, soft tissue support and smile line using 3D printed temporaries in full arch implant supported edentulous maxilla

CASE PRESENTATION





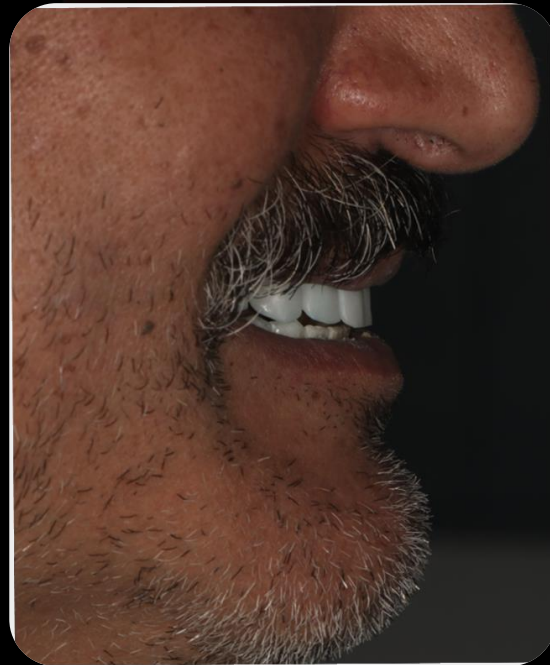
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- ❖ Impression with additional silicone
- ❖ Reparation of base wax template
- ❖ Marking reference lines on the wax for guidance



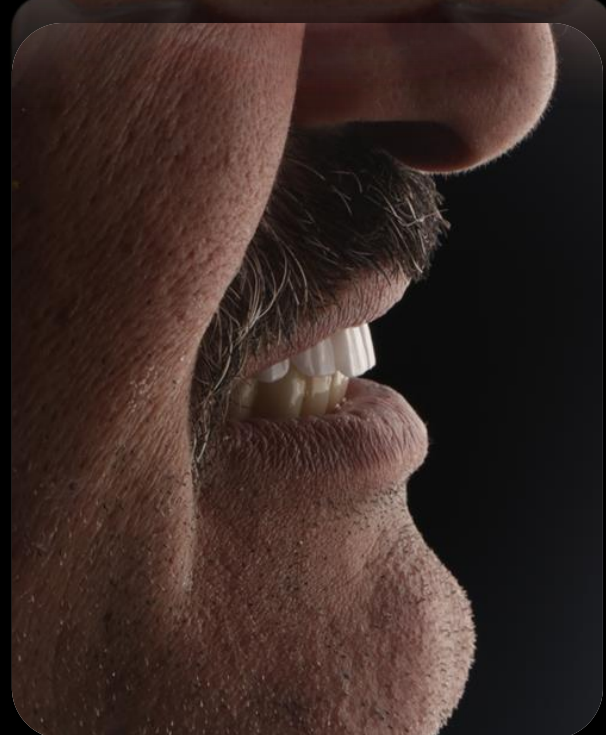
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- ❖ Fabrication of **FIRST** 3D printed provisional restoration
- ❖ Try-in procedure after the abutments were transferred.
- ❖ Evaluation of smile line, occlusion and soft tissue support
- ❖ Intraoral scanning of the adjusted provisional
- ❖ Determination of occlusion, gingival and crown height and smile line of the provisional



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- ❖ Fabrication of **SECOND AND FINAL** 3D printed provisional restoration
- ❖ Second Try-in
- ❖ Evaluation and small adjustments
- ❖ Second Intraoral scanning



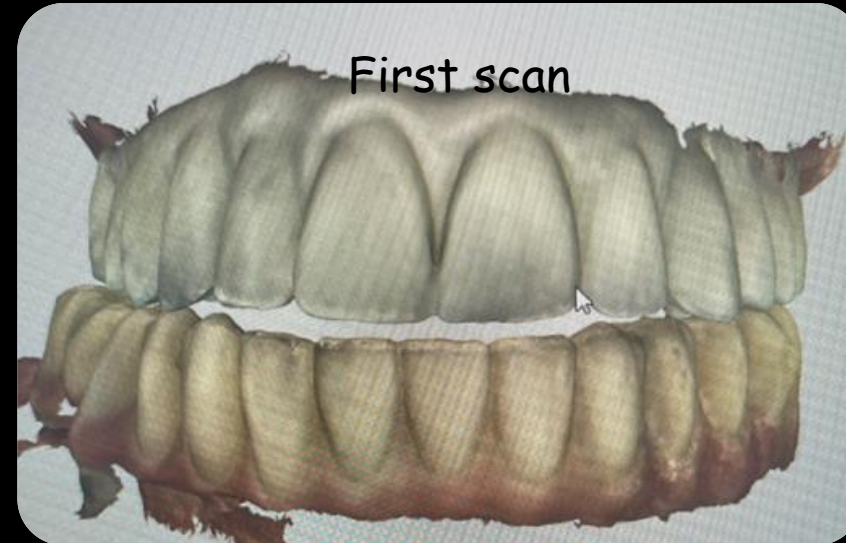
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- ❖ Fabrication of the Final monolithic zirconia restorations using the second temporary restorations as a guide
- ❖ Cementation of restoration with a resin-modified glass ionomer cement

SUMMARY OF PROTOCOL



First provisional



First scan



Second provisional



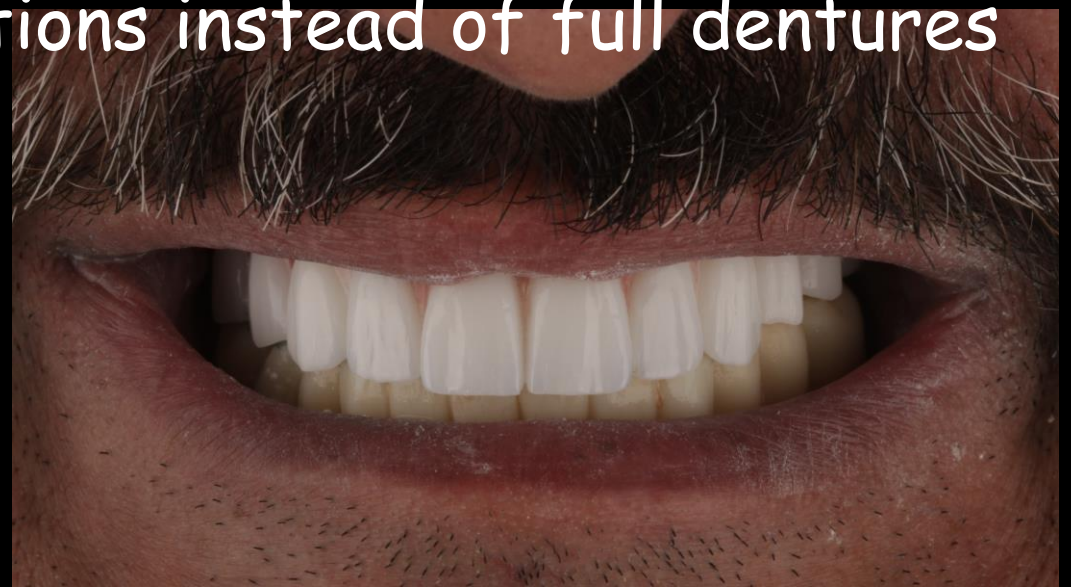
Second scan



Final restorations



CONCLUSION : This technique allows us to use intraoral scanners as a guide for permanent restorations instead of full dentures





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THANK YOU FOR YOUR ATTENTION!!!

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