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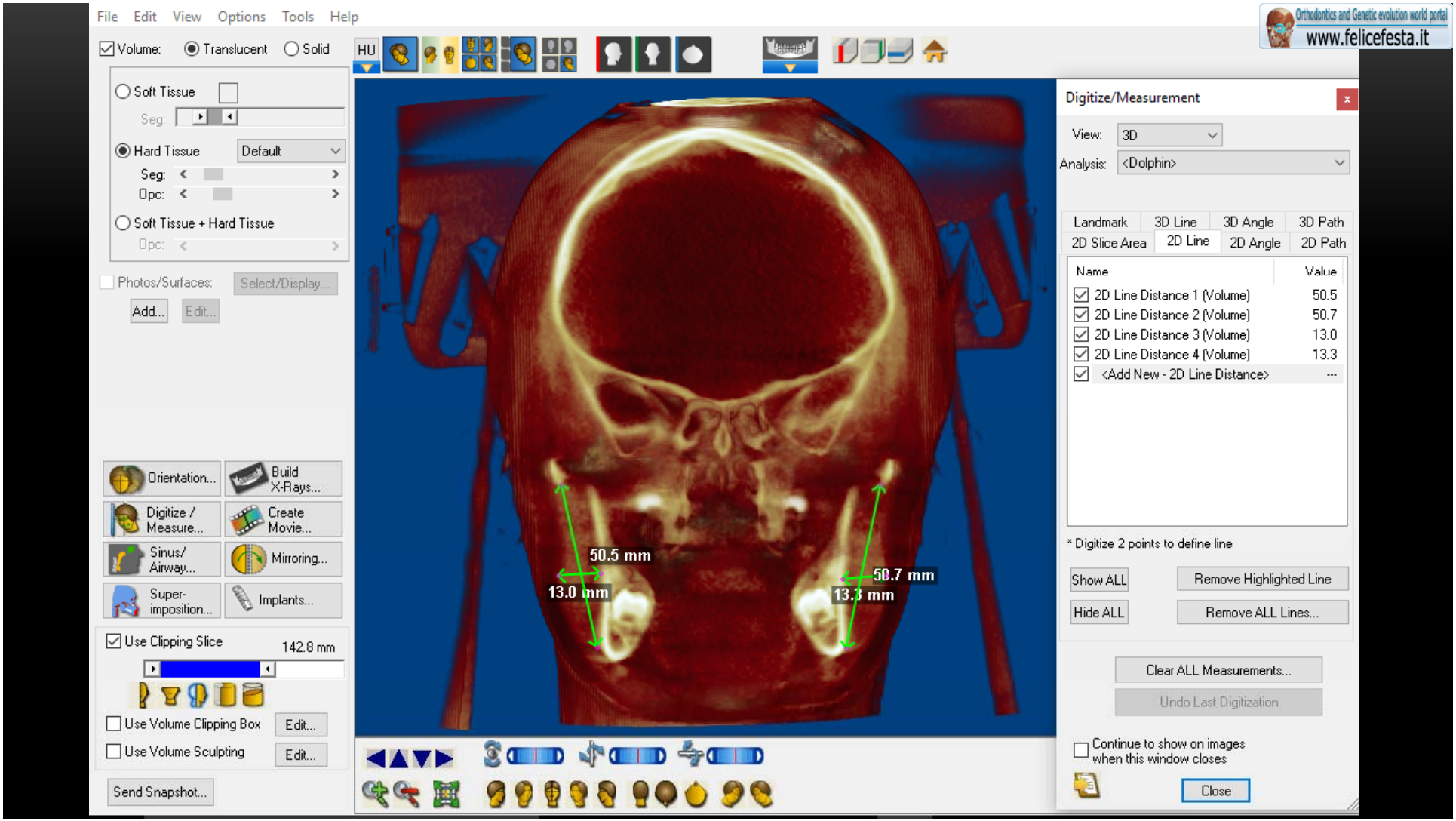
TMJ/ORTHODONTICS CLINICAL CHART

DOLPHIN 3D

- Transition from 2D to 3D Orthodontics
- 1)Segmentation
- 2)Orientation
- 3)Virtual 2D X-Rays development (lateral>ortophantomography>TMJ>cross sections>postero-anterior>upper arch submento-vertex>lower arch submento-vertex
- Cephalometrics >Transitipon to 3D cehalometrics4)Virtual 2D
- 5) Virtual 3D muscles Dissections: Right Masseter>Left Masseter

INTRAORAL SCANNERS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HU
Soft Tissue
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Hard Tissue
Default
Seg:
Opc:
Soft Tissue + Hard Tissue
Opc:
Photos/Surfaces:
Select/Display...
Add...
Edit...
Orientation...
Build X-Rays...
Digitize / Measure...
Create Movie...
Sinus/ Airway...
Mirroring...
Super-imposition...
Implants...
Use Clipping Slice
142.8 mm
Use Volume Clipping Box
Edit...
Use Volume Sculpting
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Send Snapshot...
50.5 mm
13.0 mm
50.7 mm
13.3 mm
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View: 3D
Analysis: <Dolphin>
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3D Line
3D Angle
3D Path
2D Slice Area
2D Line
2D Angle
2D Path
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Value
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2D Line Distance 2 (Volume) 50.7
2D Line Distance 3 (Volume) 13.0
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* Digitize 2 points to define line
Show ALL
Remove Highlighted Line
Hide ALL
Remove ALL Lines...
Clear ALL Measurements...
Undo Last Digitization
Continue to show on images when this window closes
Close

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TMJ/ORTHODONTICS CLINICAL CHART DOLPHIN 3D

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INTRAORAL SCANNERS

Diagnosis Genomic
3D Appliances

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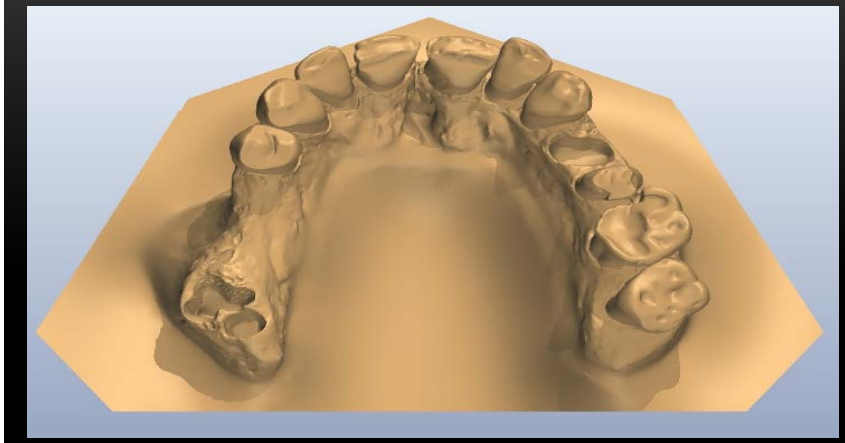

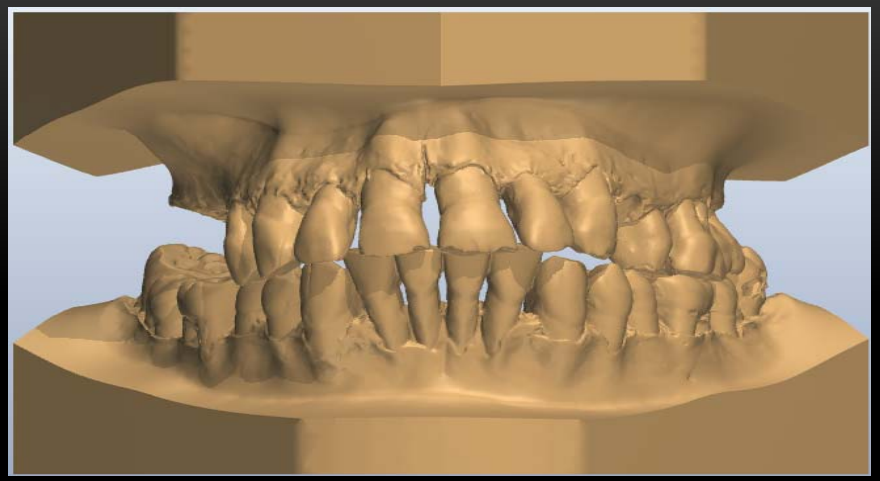

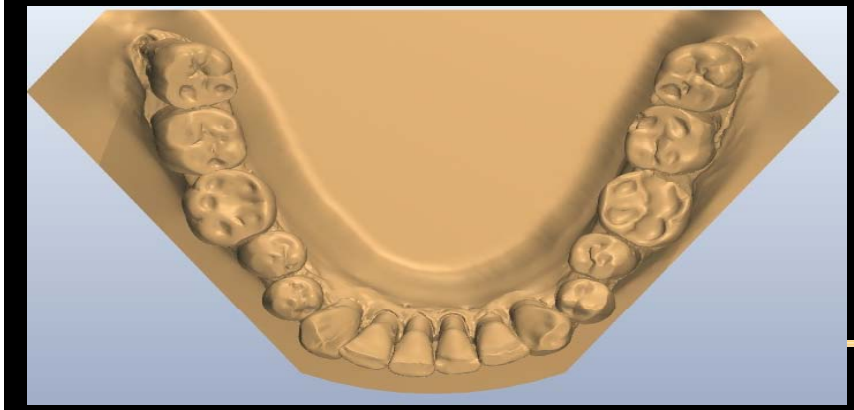

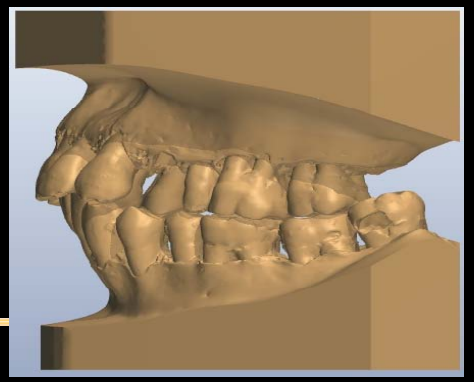

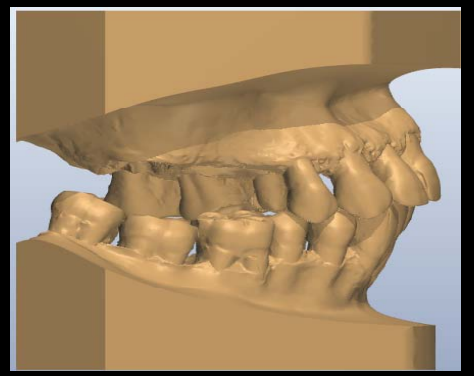

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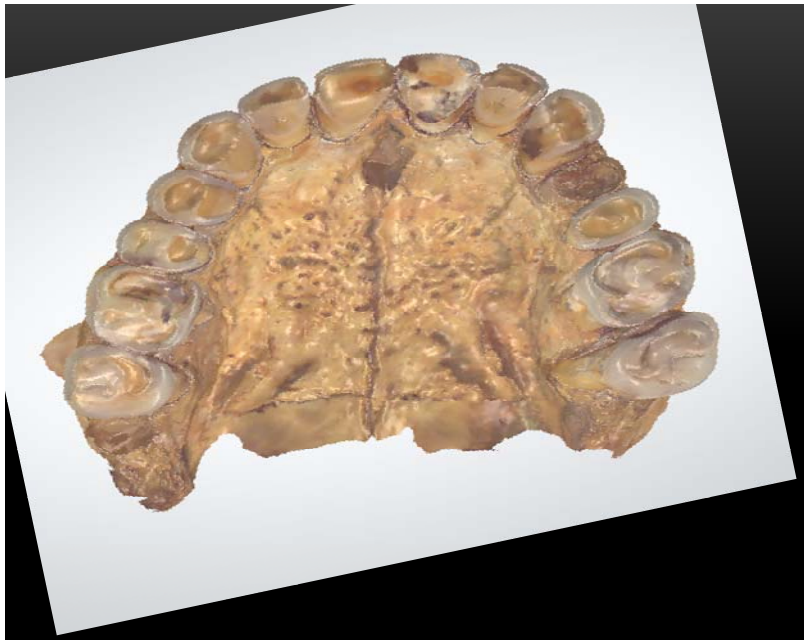

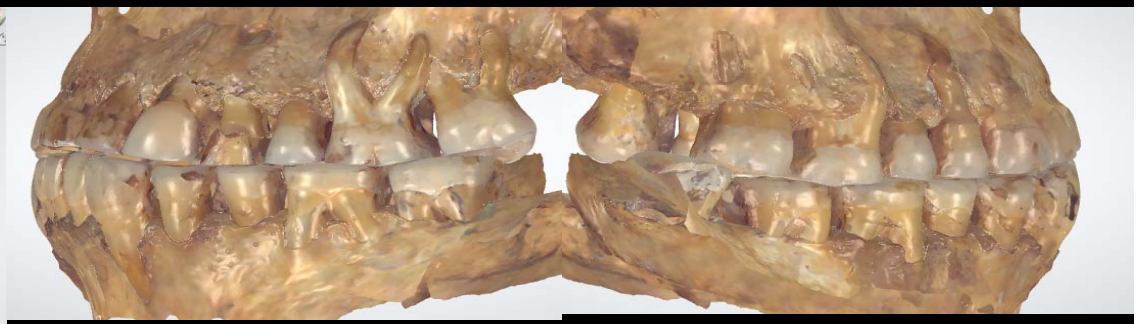

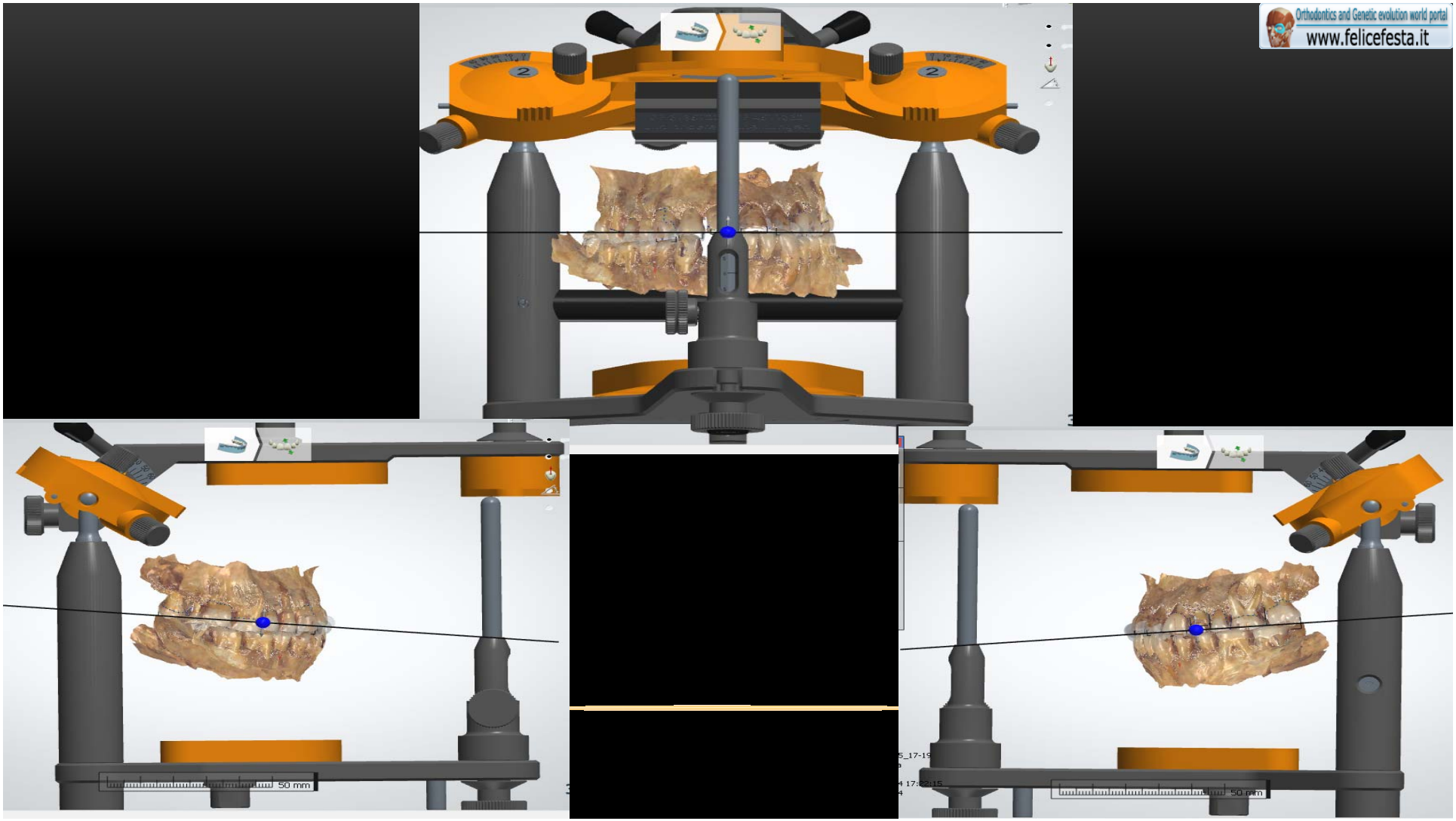
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50 mm
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3D OPI ARCH RECONSTRUCTION

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3D OPI ARCH VIRTUAL ARTICULATOR

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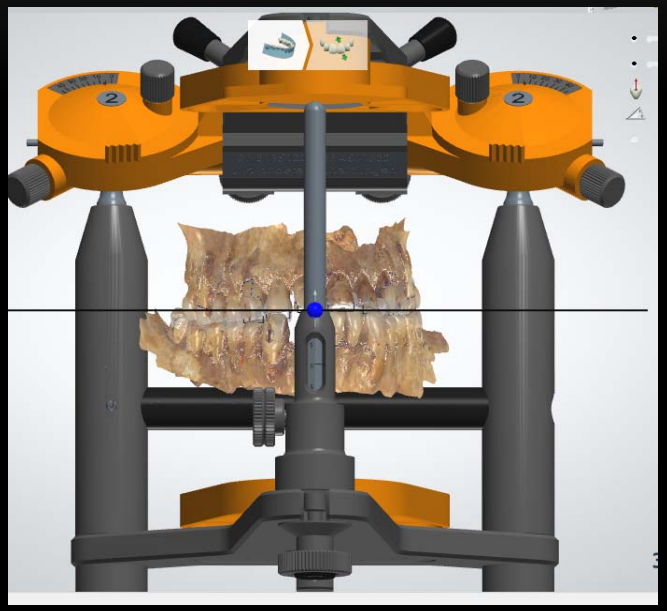

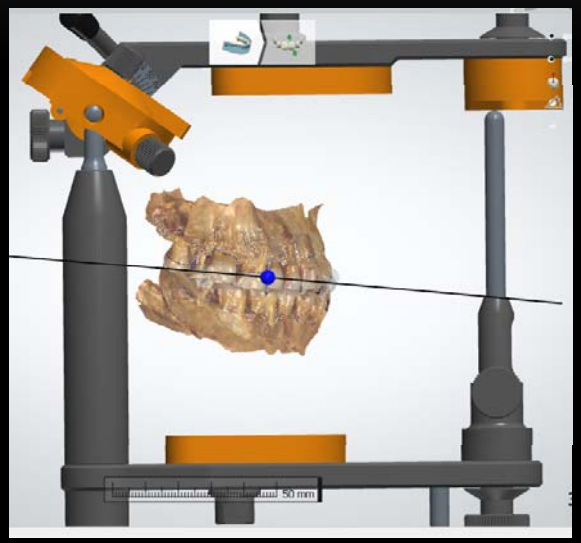

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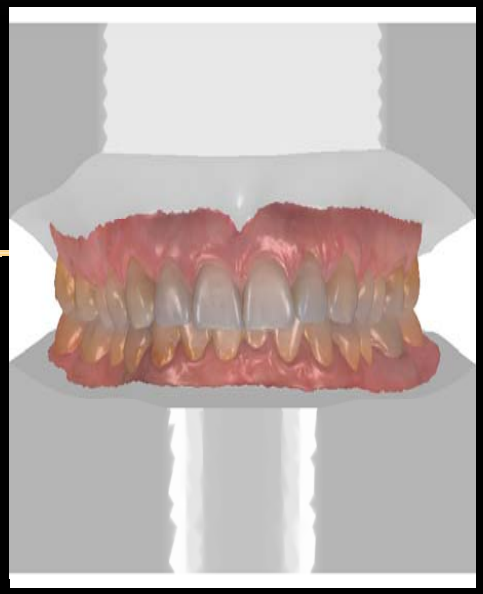
OPI ARCH > CONTEMPORARY ARCH

Front view



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OPI ARCH > CONTEMPORARY ARCH

Right side

OPI ARCH > CONTEMPORARY ARCH

Left side

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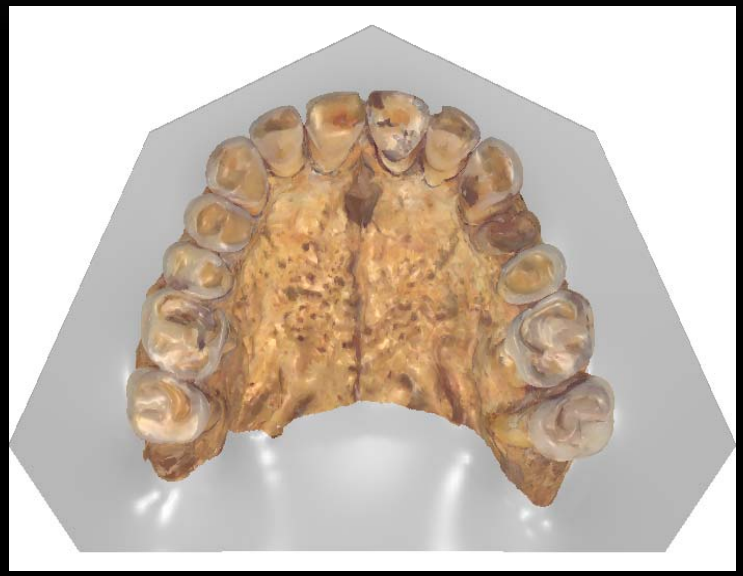
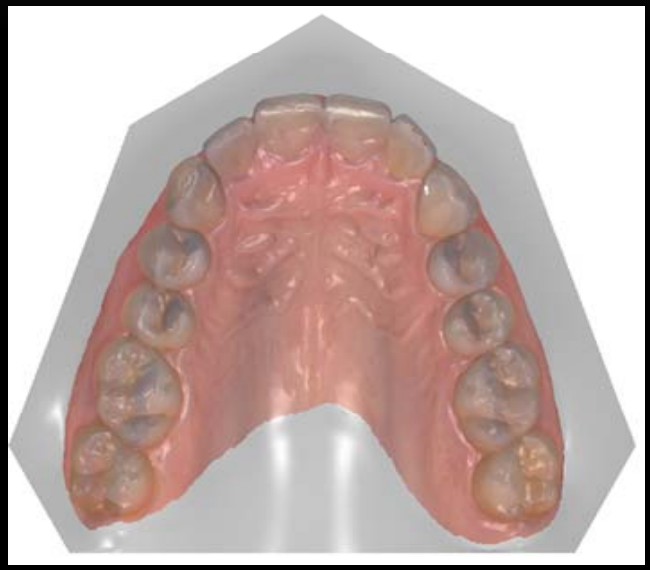
Maxillary occlusal view





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Mandibular occlusal view

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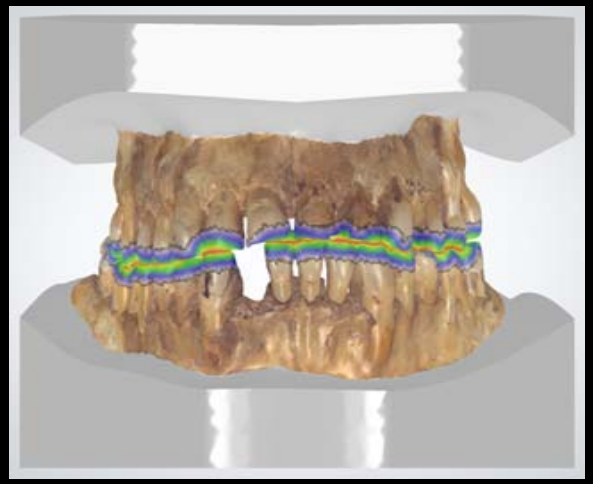
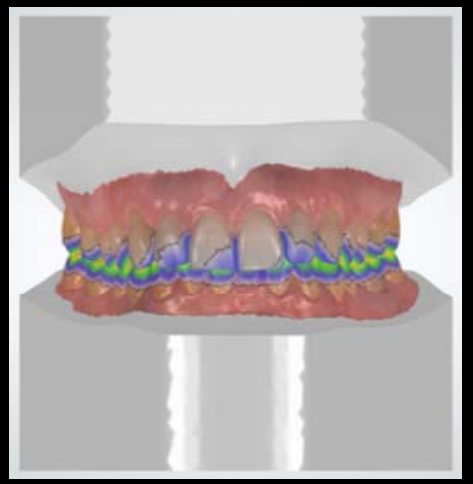
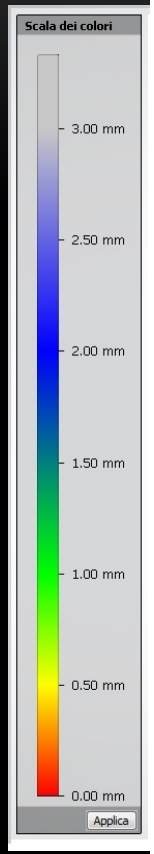
Occlusal contacts







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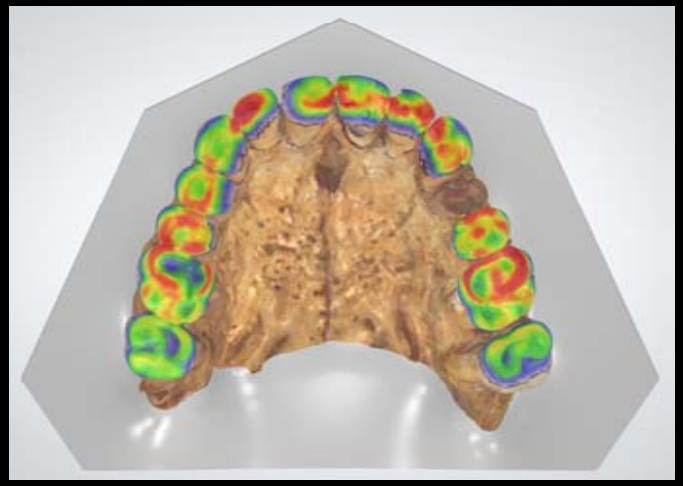
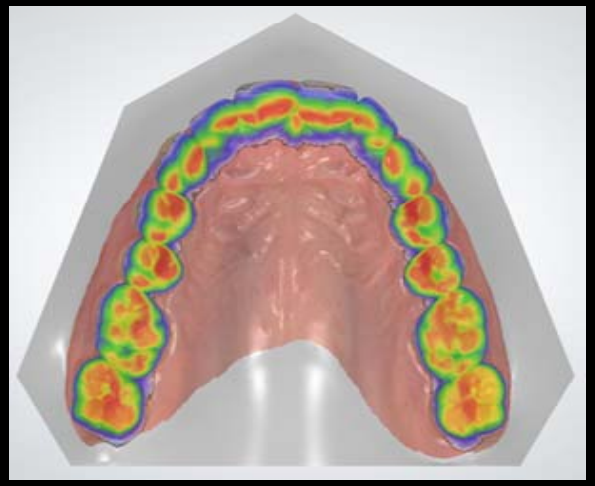
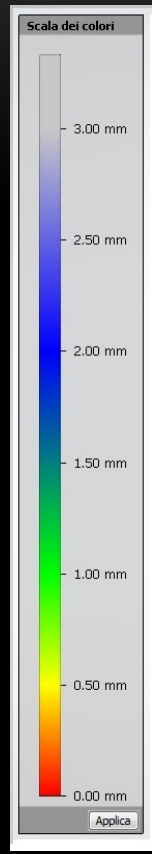
Maxillary contacts

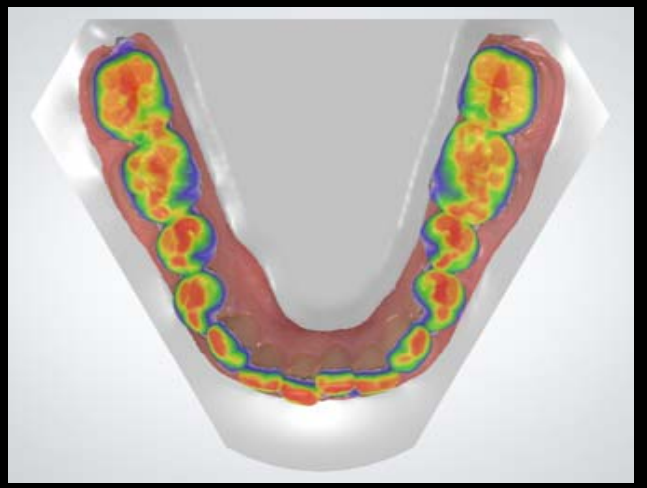


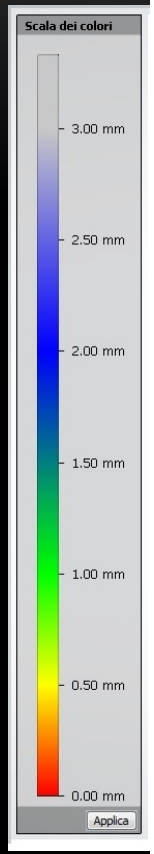




OPI ARCH > CONTEMPORARY ARCH

Mandibular contacts





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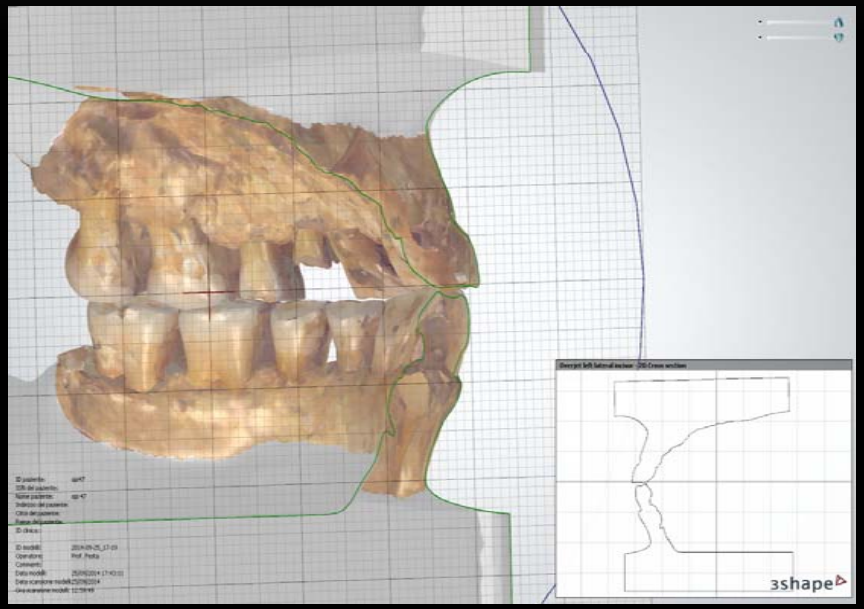
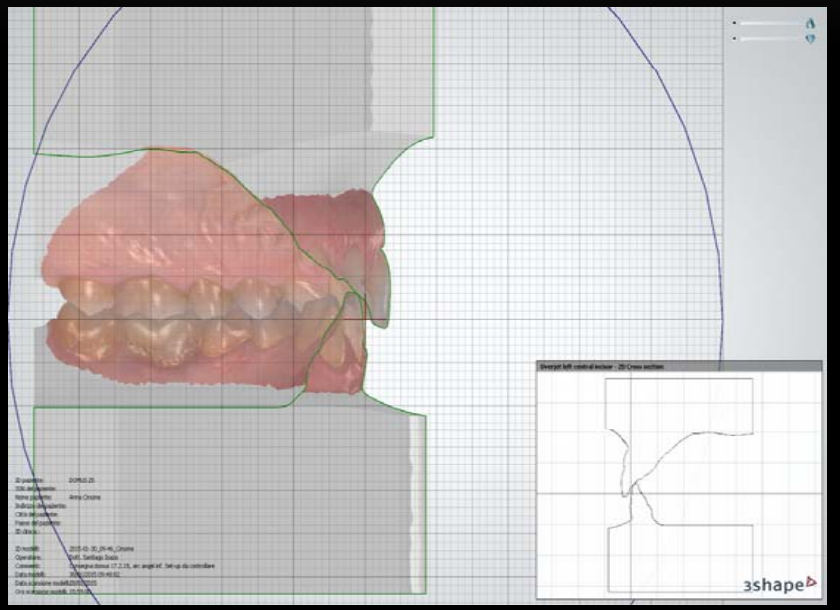
Overjet and overbite compared





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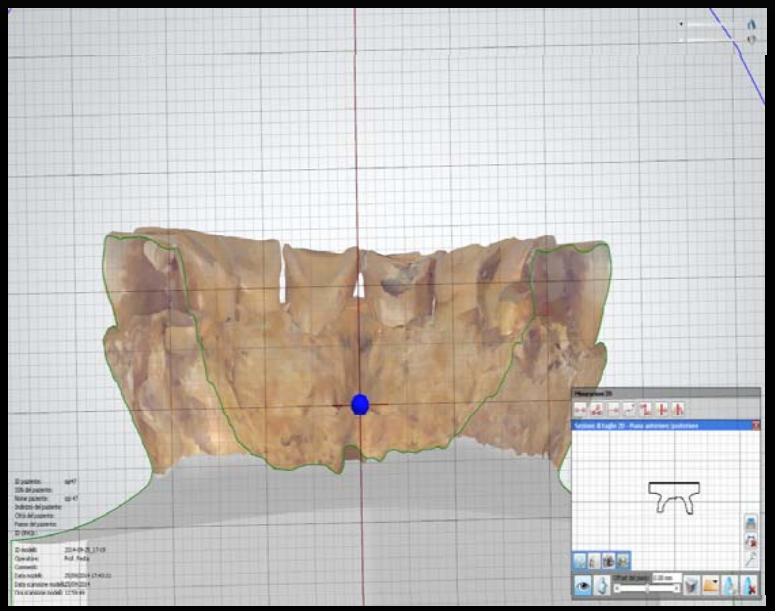
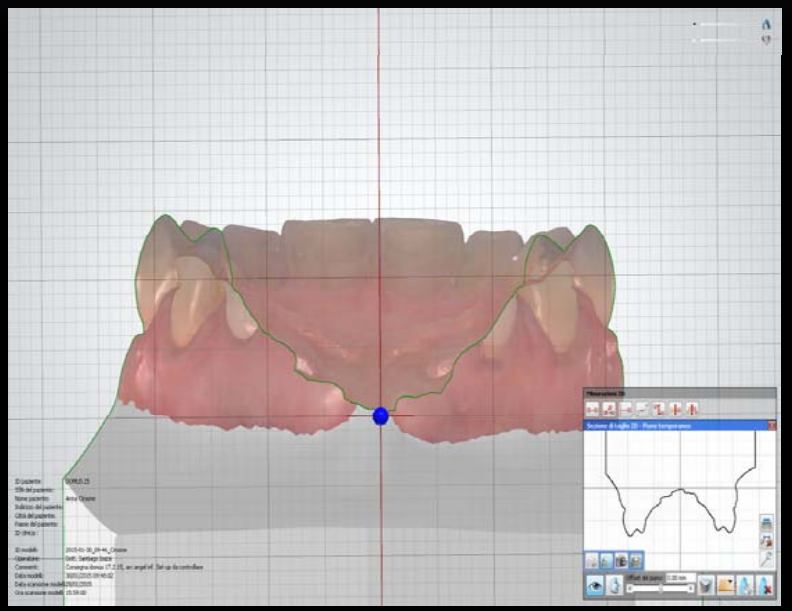
Morphological difference of upper premolars





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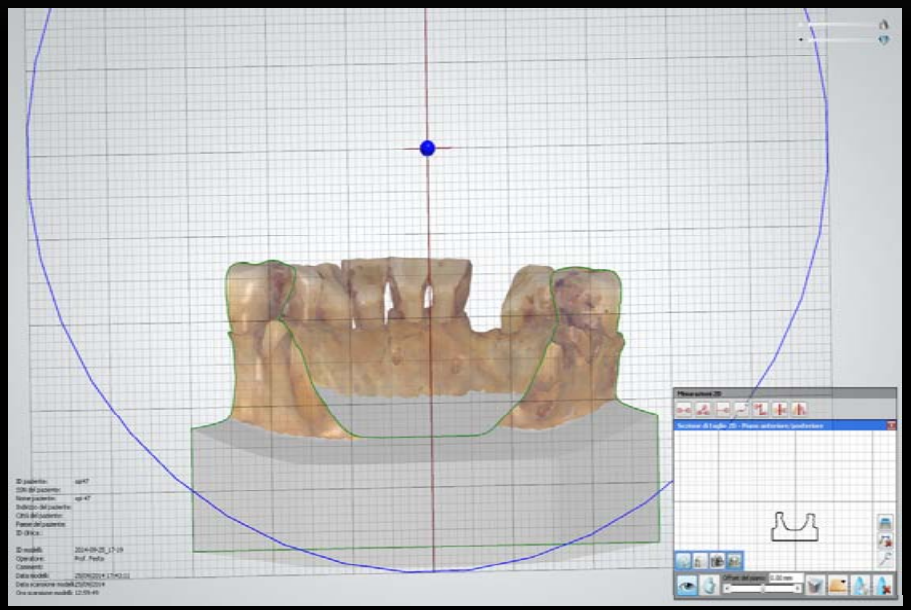
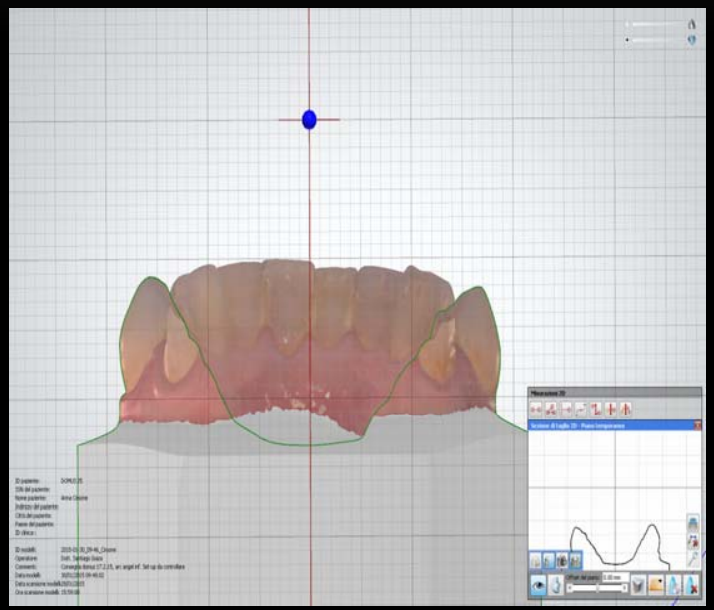
Morphological difference of lower premolars





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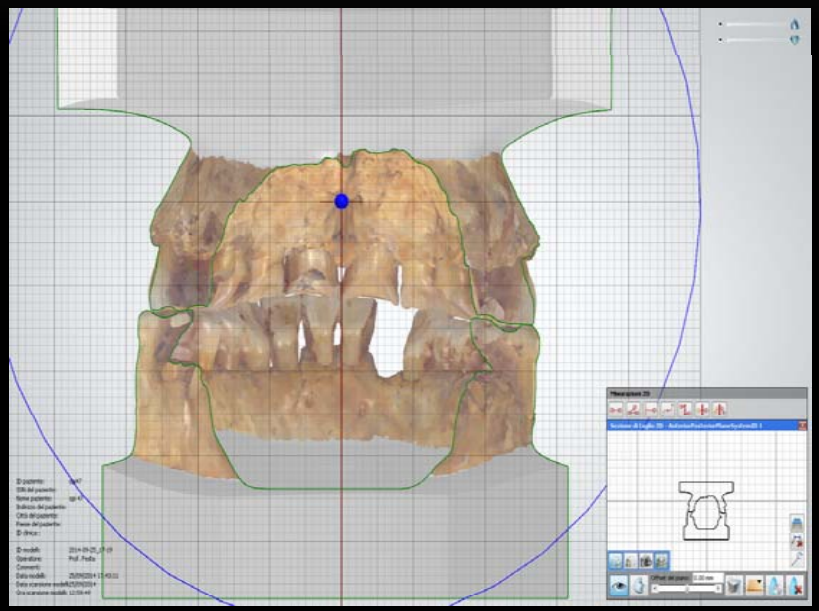
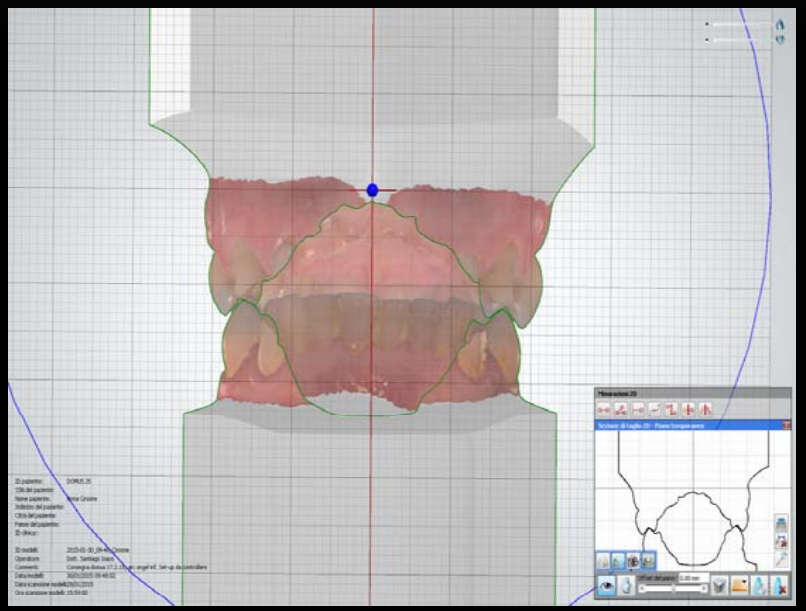
Intermaxillary relationship premolars





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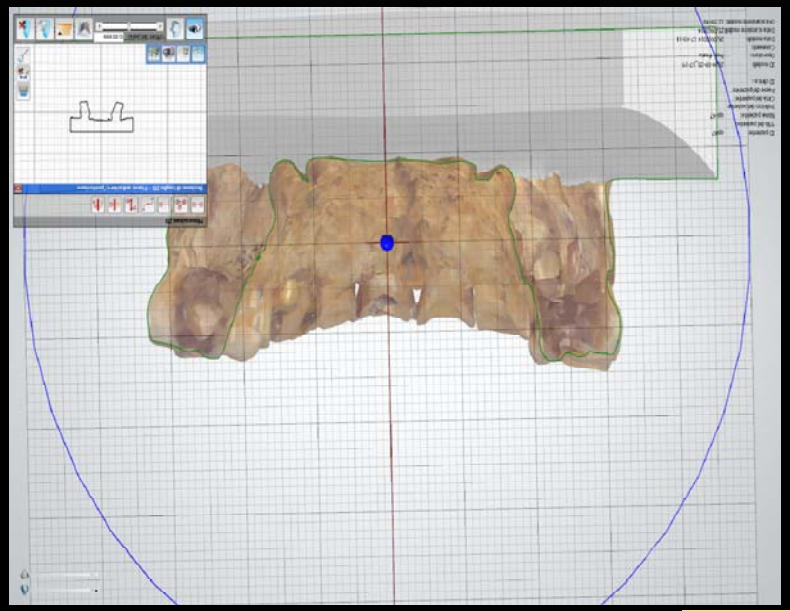
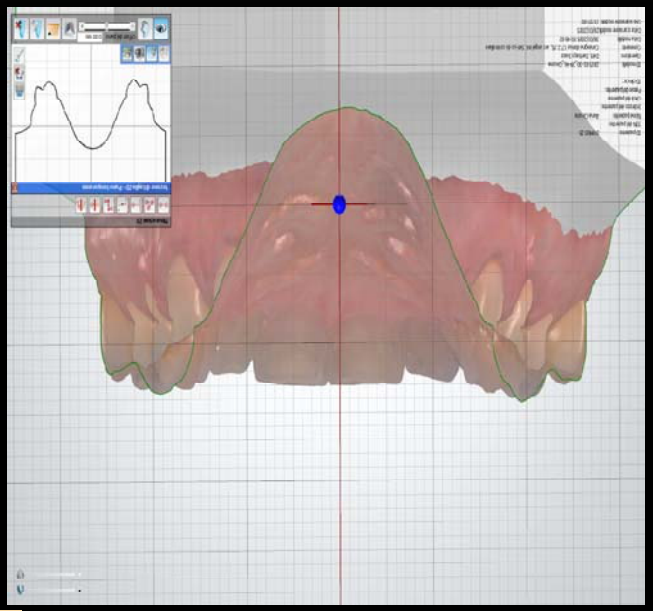
Morphological difference of the upper first molars





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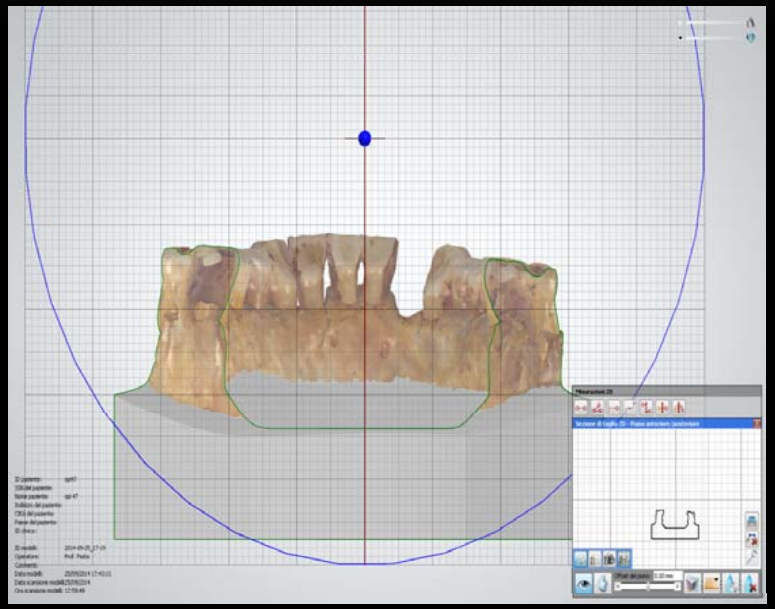
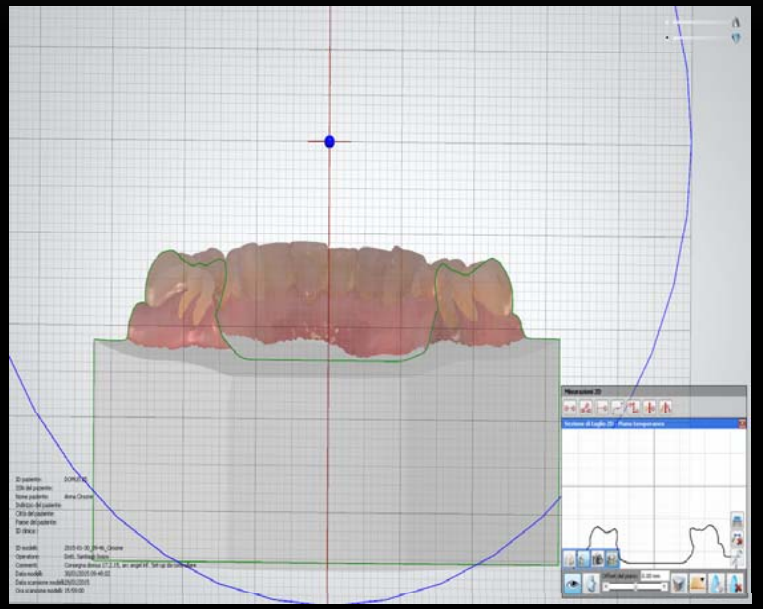
Morphological difference of the lower first molars





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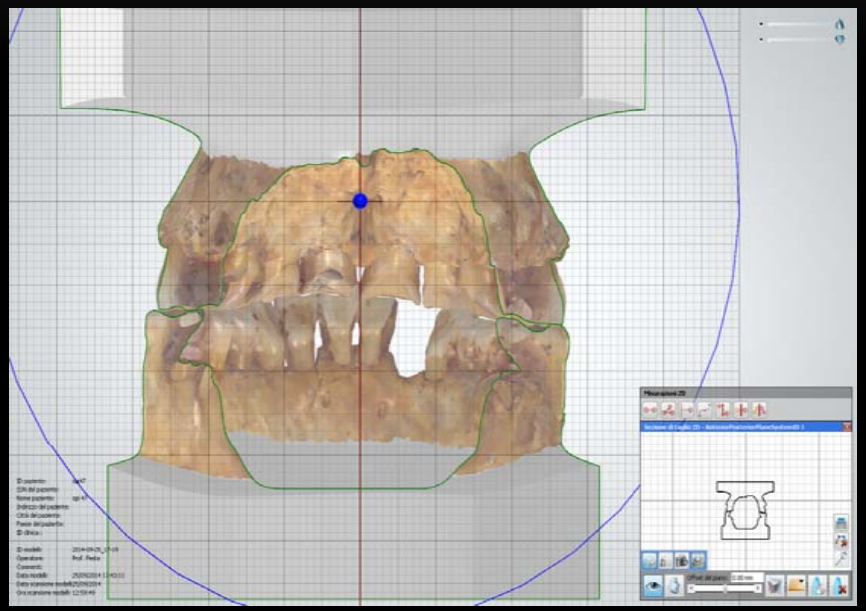
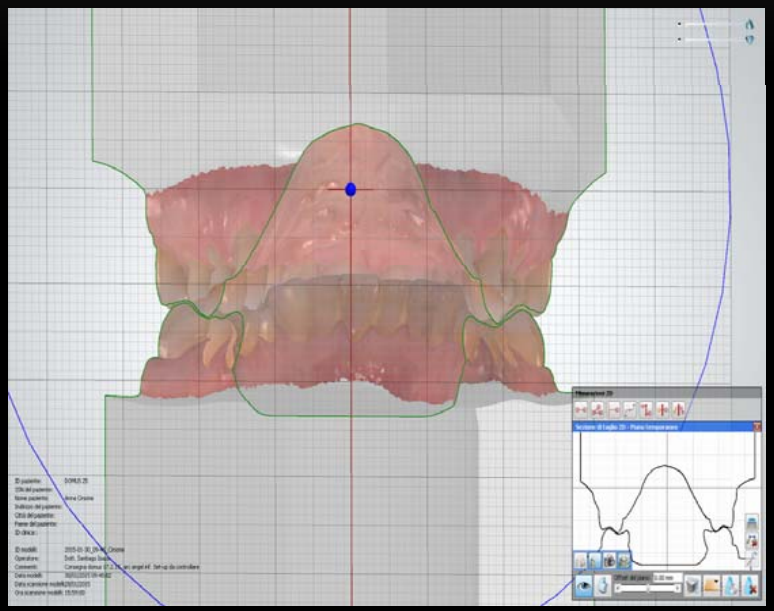
First molars intermaxillary relationship





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INTRAORAL SCANNERS

Diagnosis Genomic

3D Appliances

3D Appliance

Sdt. Stefano Negrini

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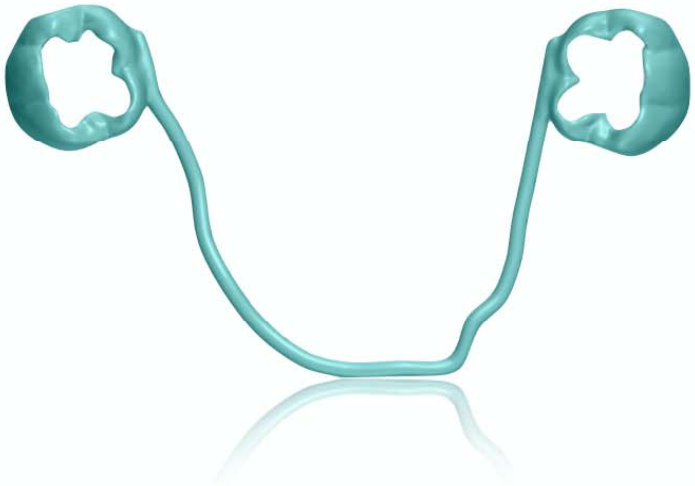
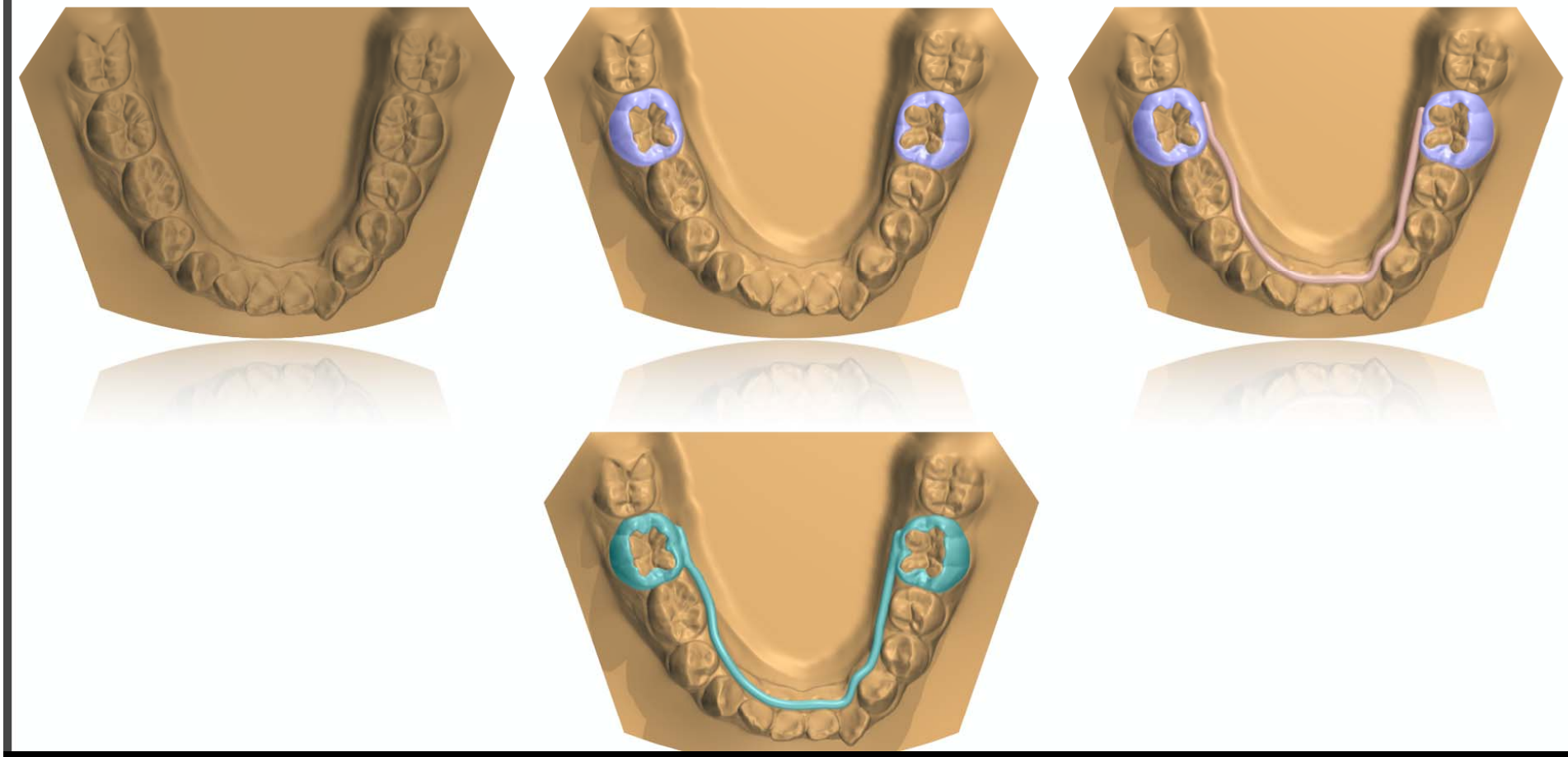
Lingual Arch





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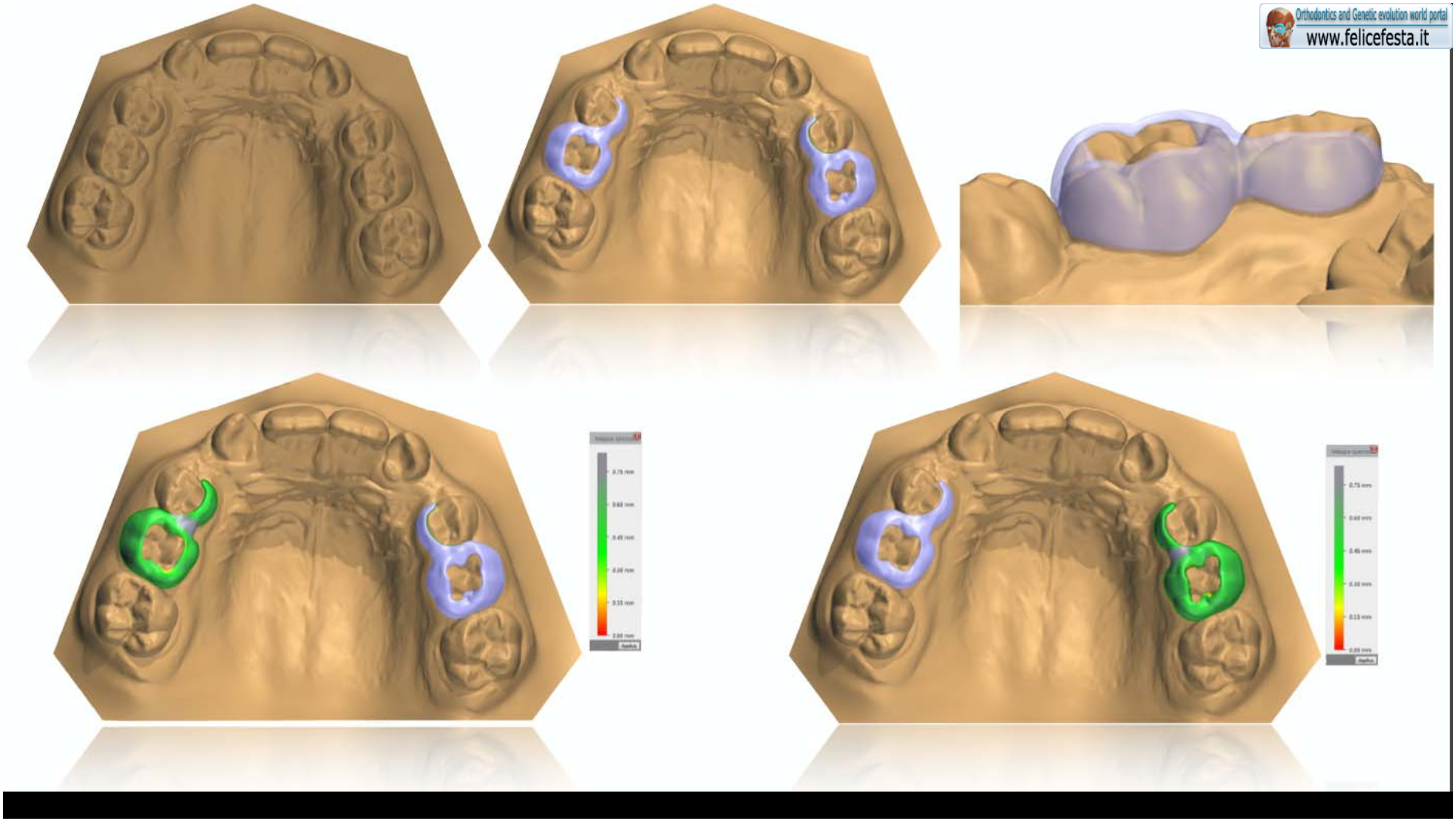
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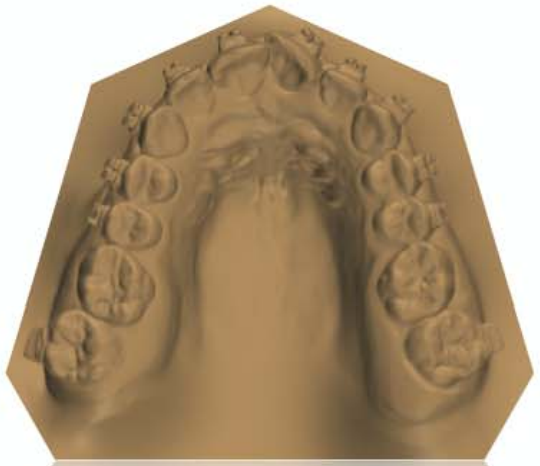

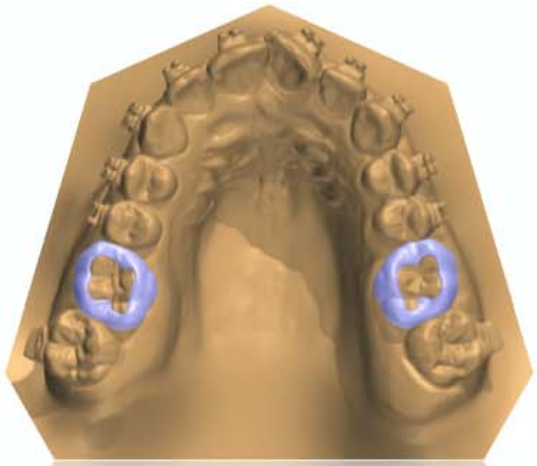

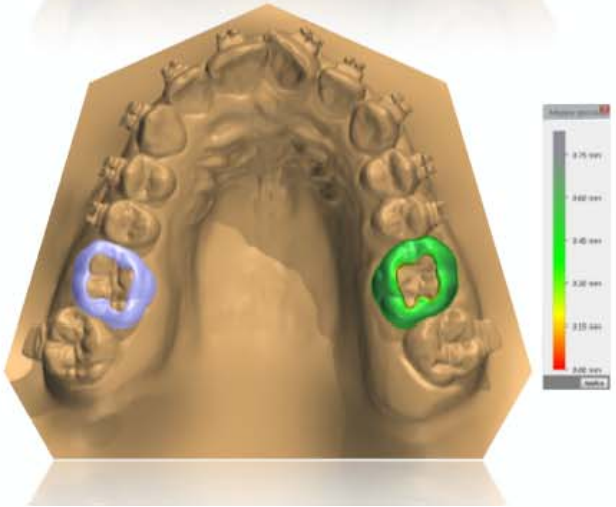

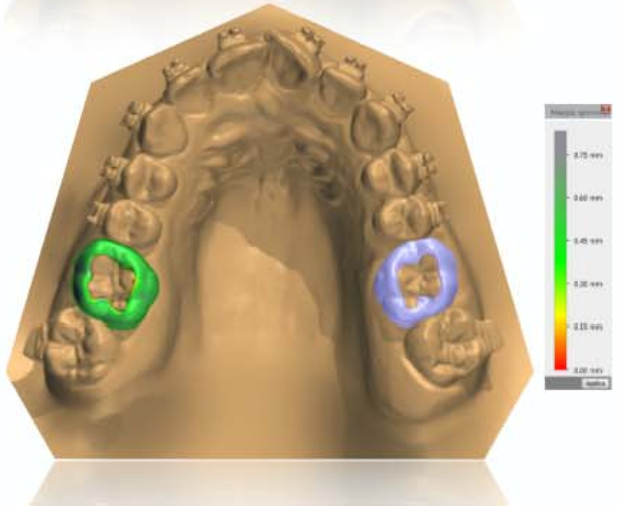

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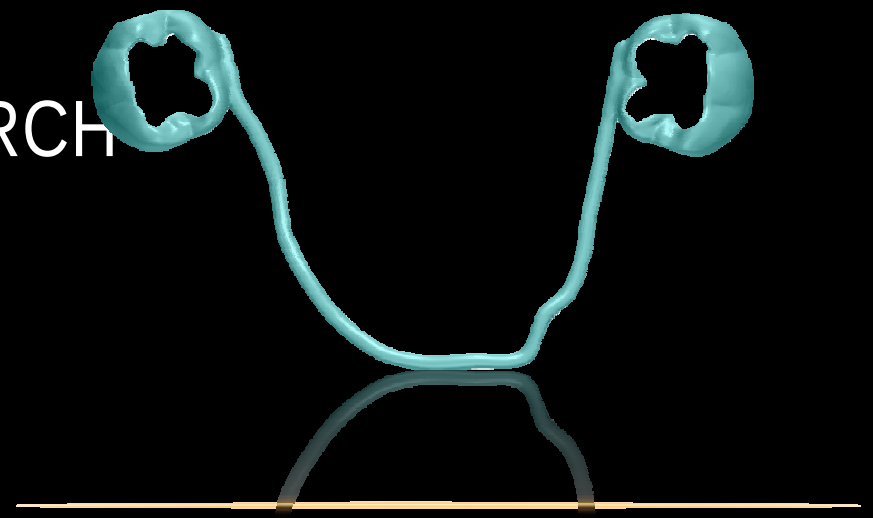
3D APPLIANCE

Dr. Karin Becktor Sdt. Stefano Negrini

LINGUAL ARCH



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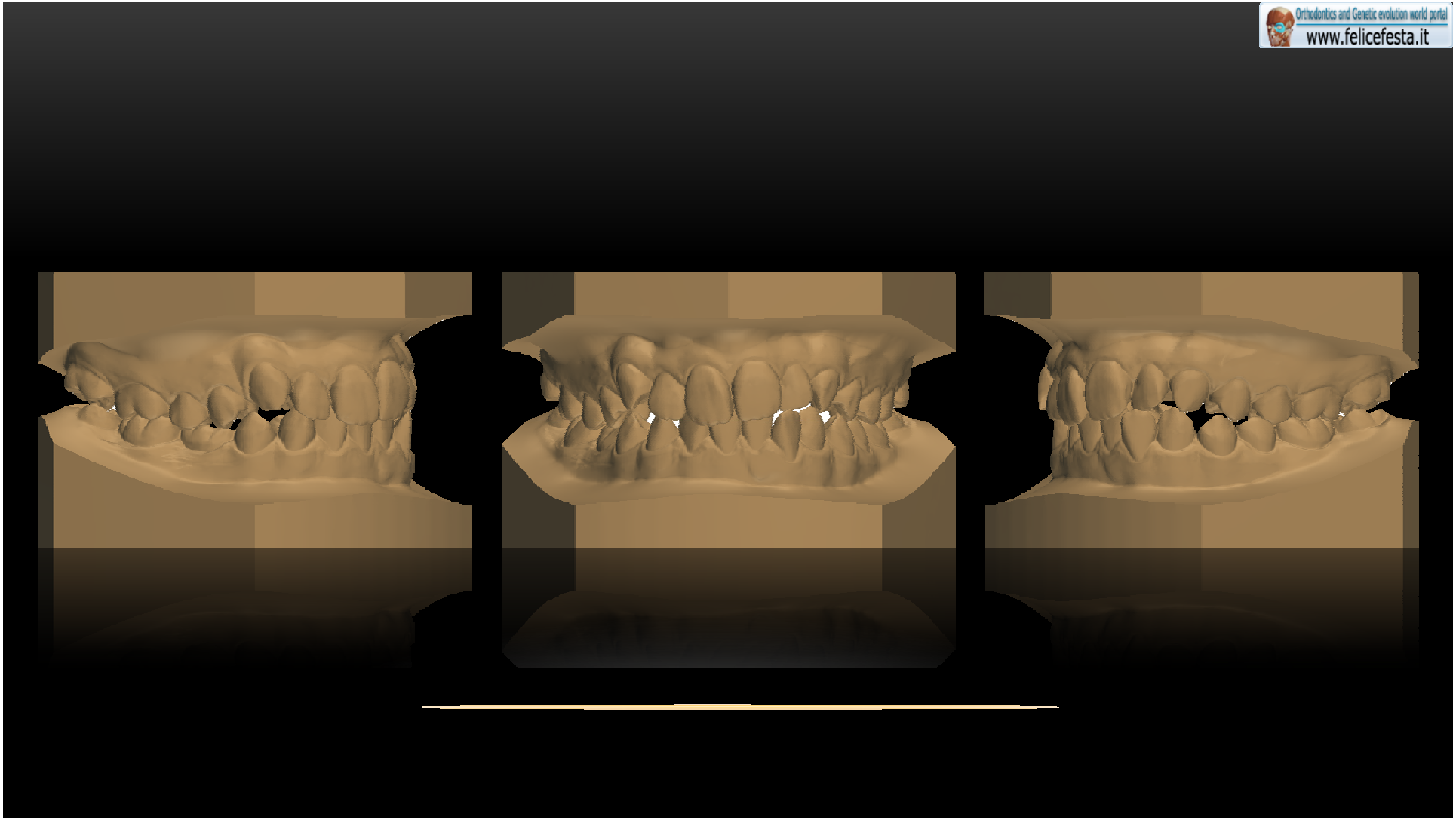

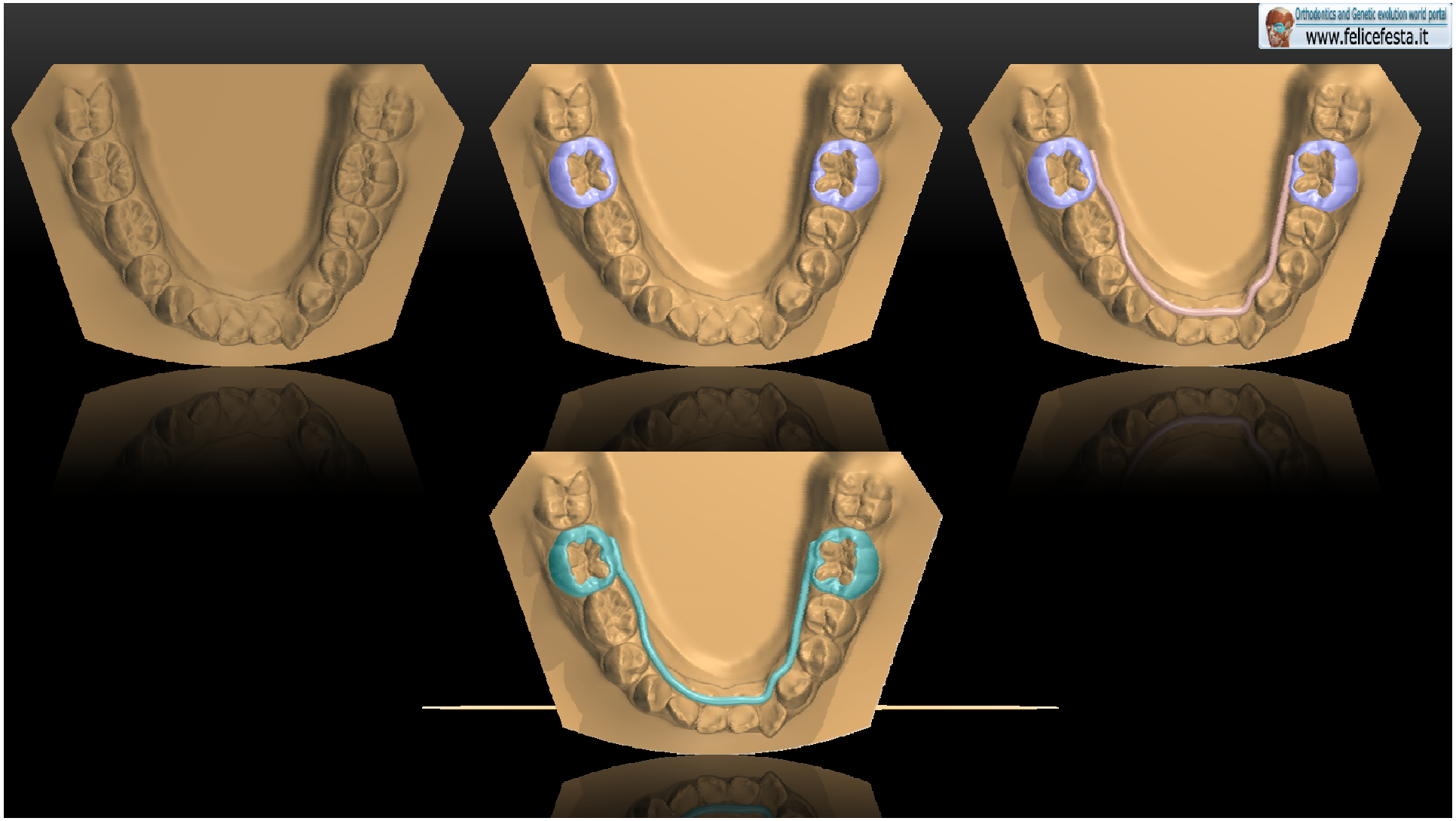
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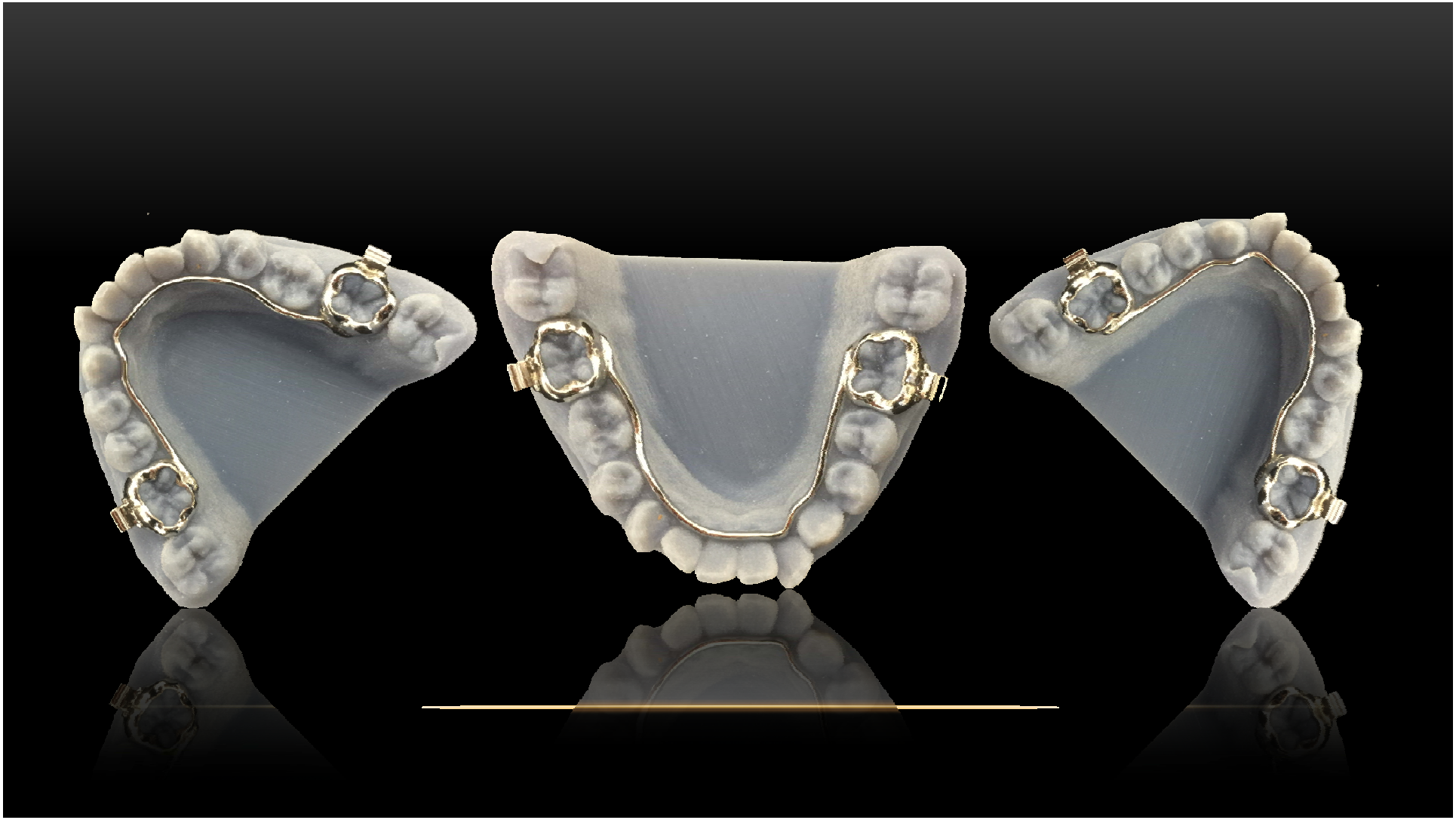

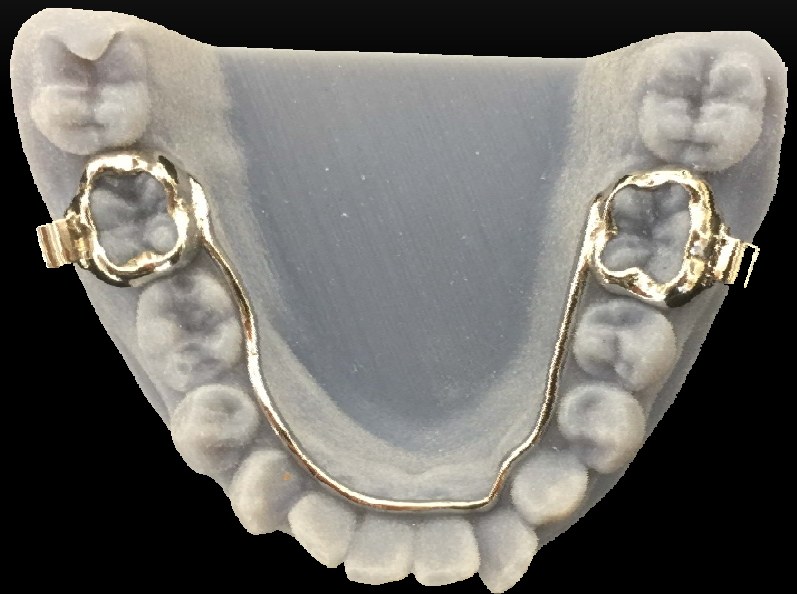

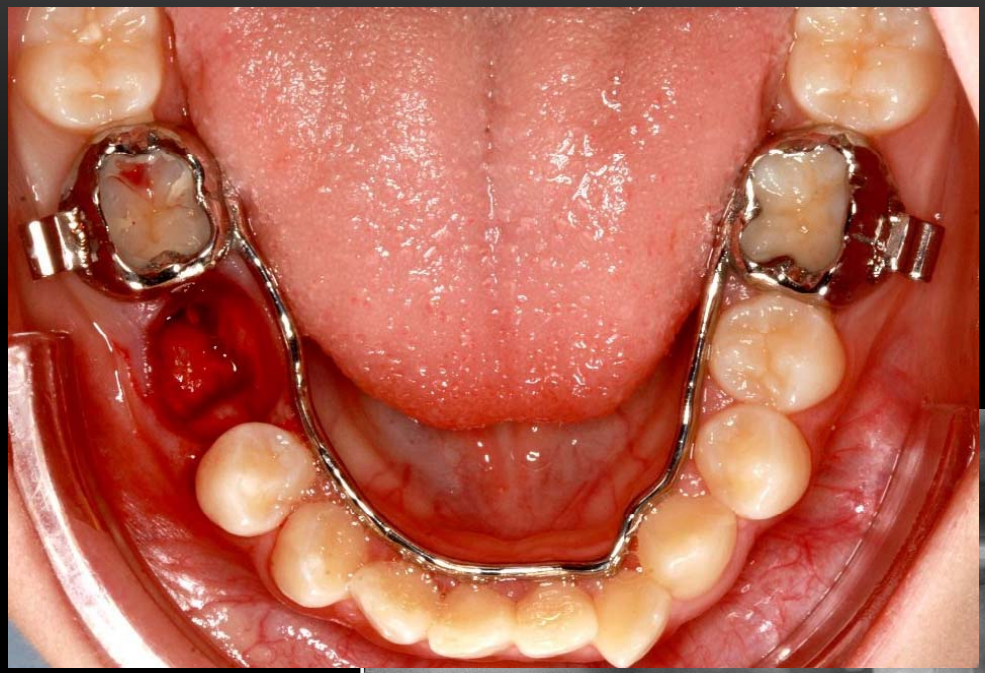

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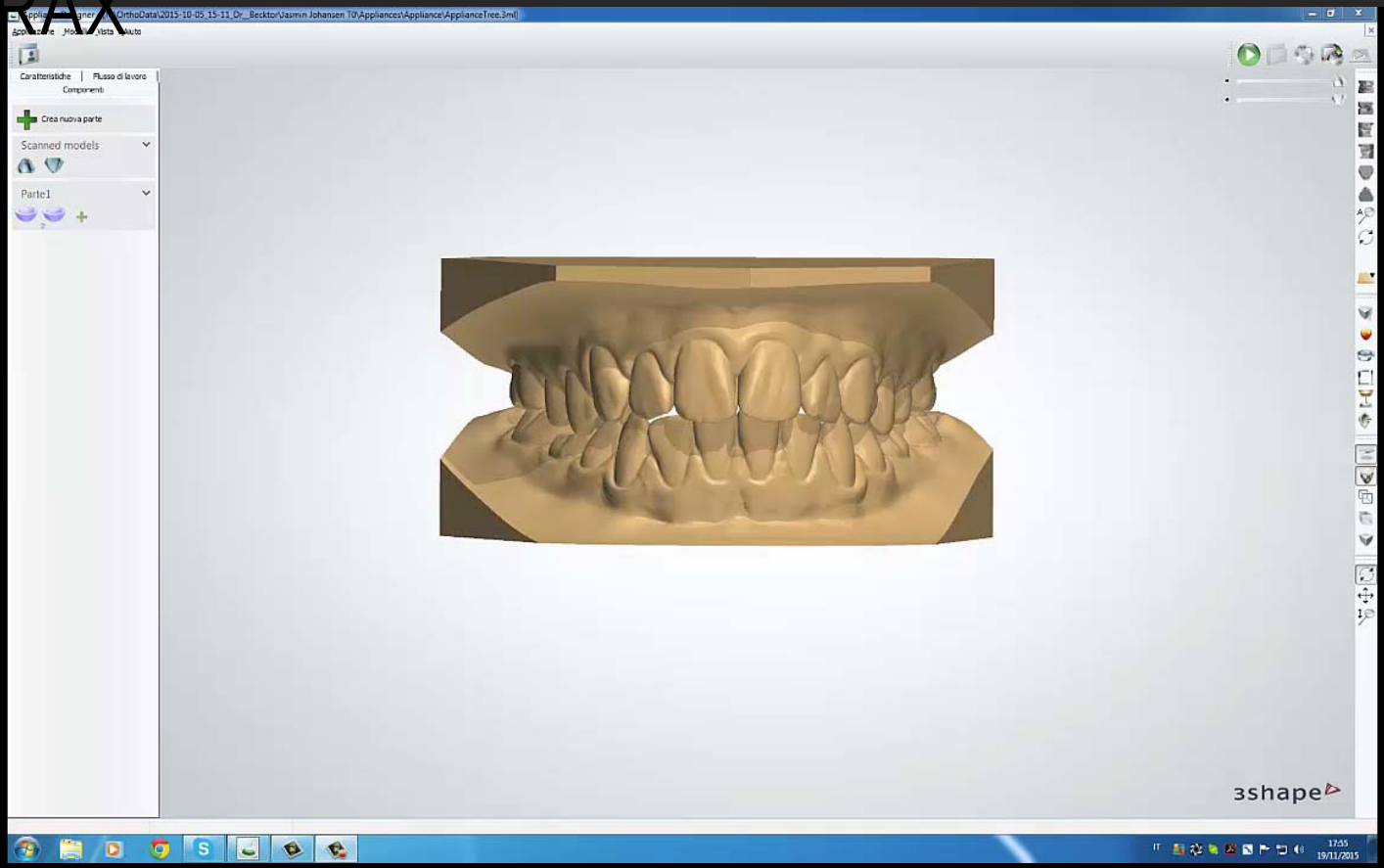
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Flusso di lavoro
Componenti
Crea nuova parte
Scanned models
Parte1
3shape

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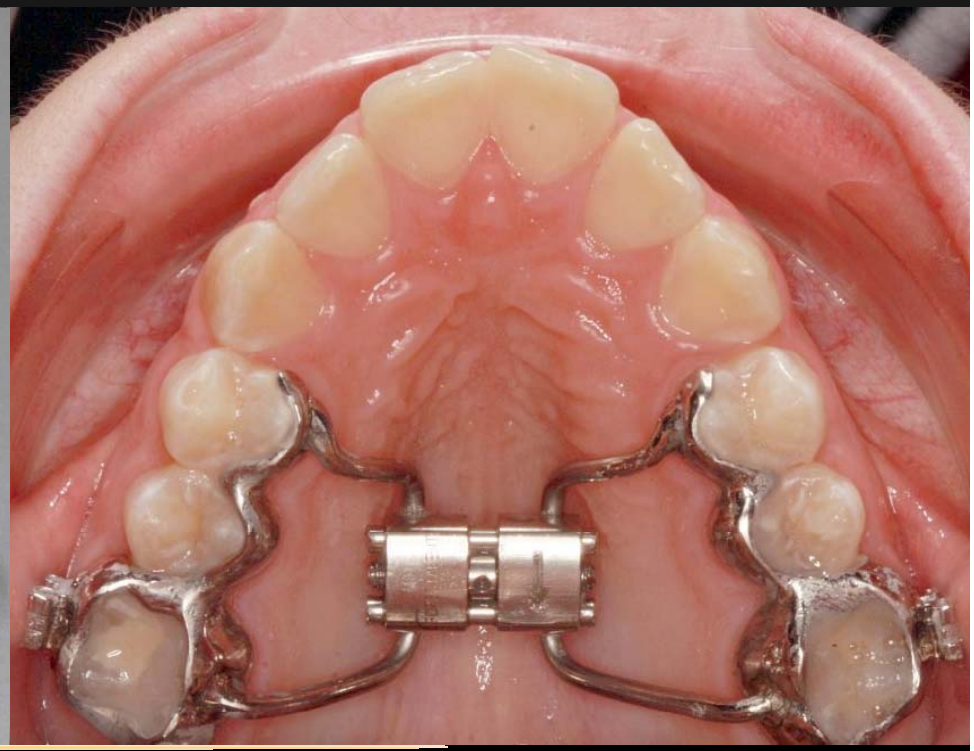

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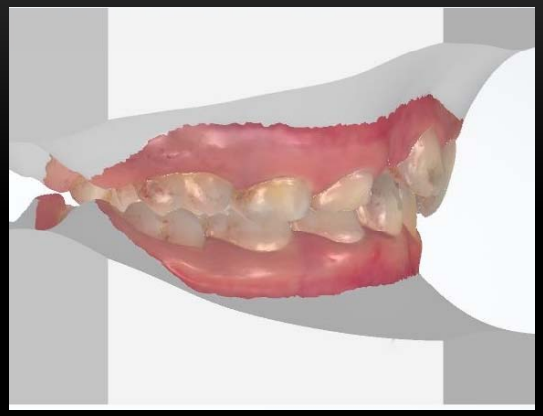

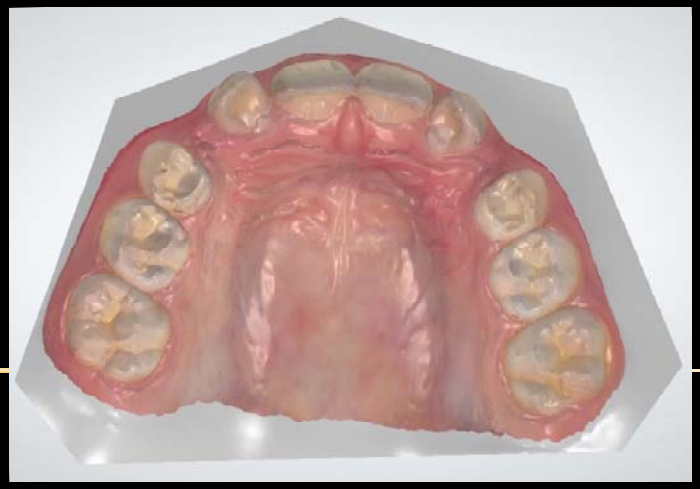

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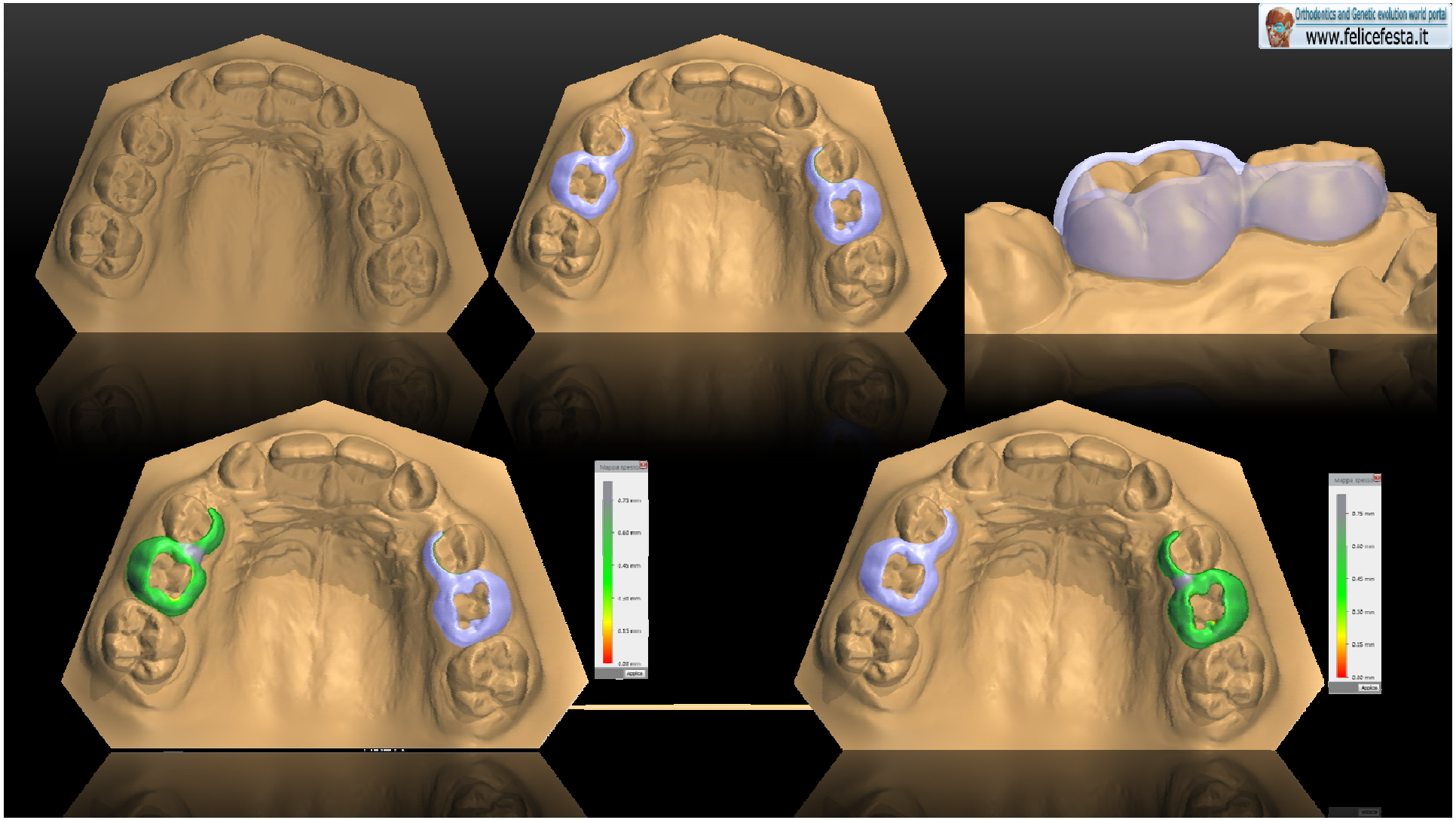
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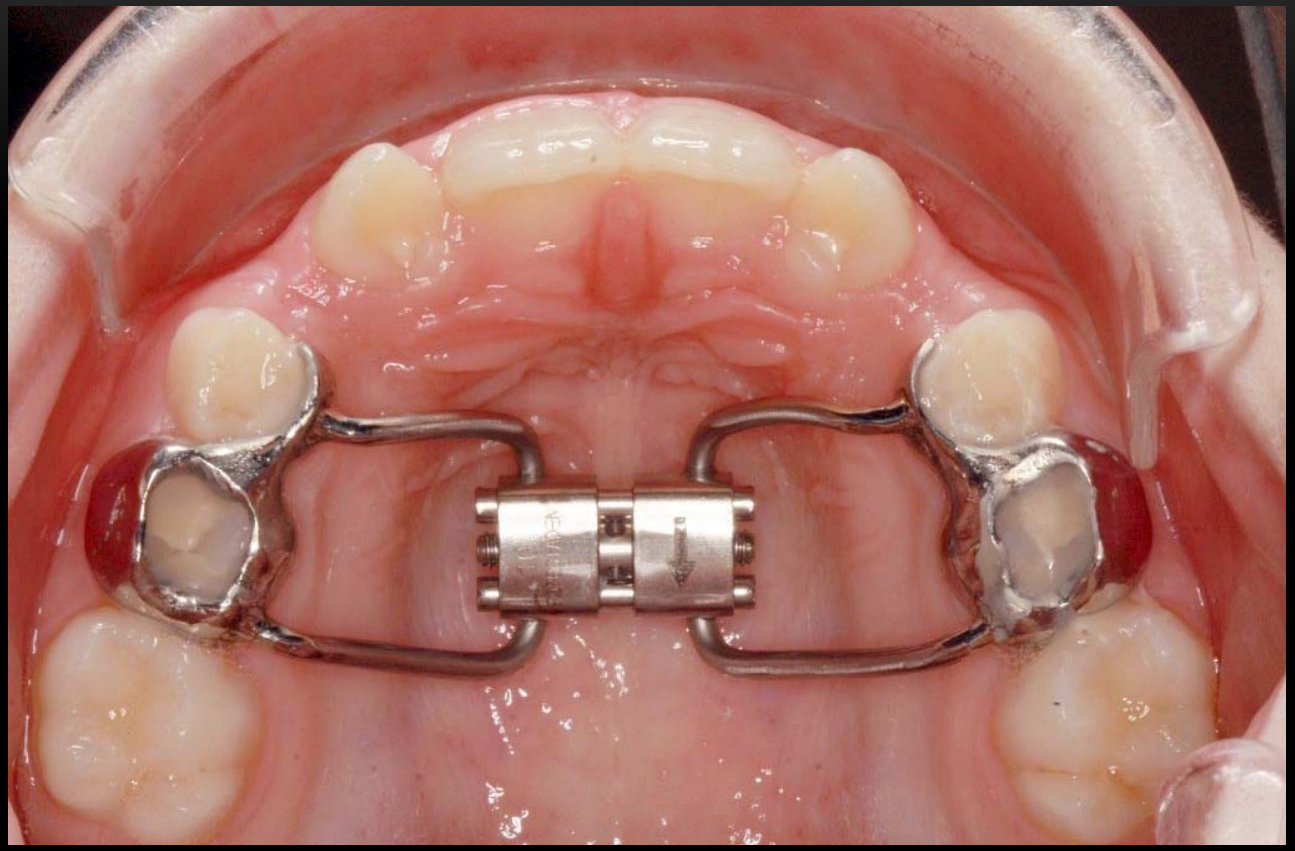

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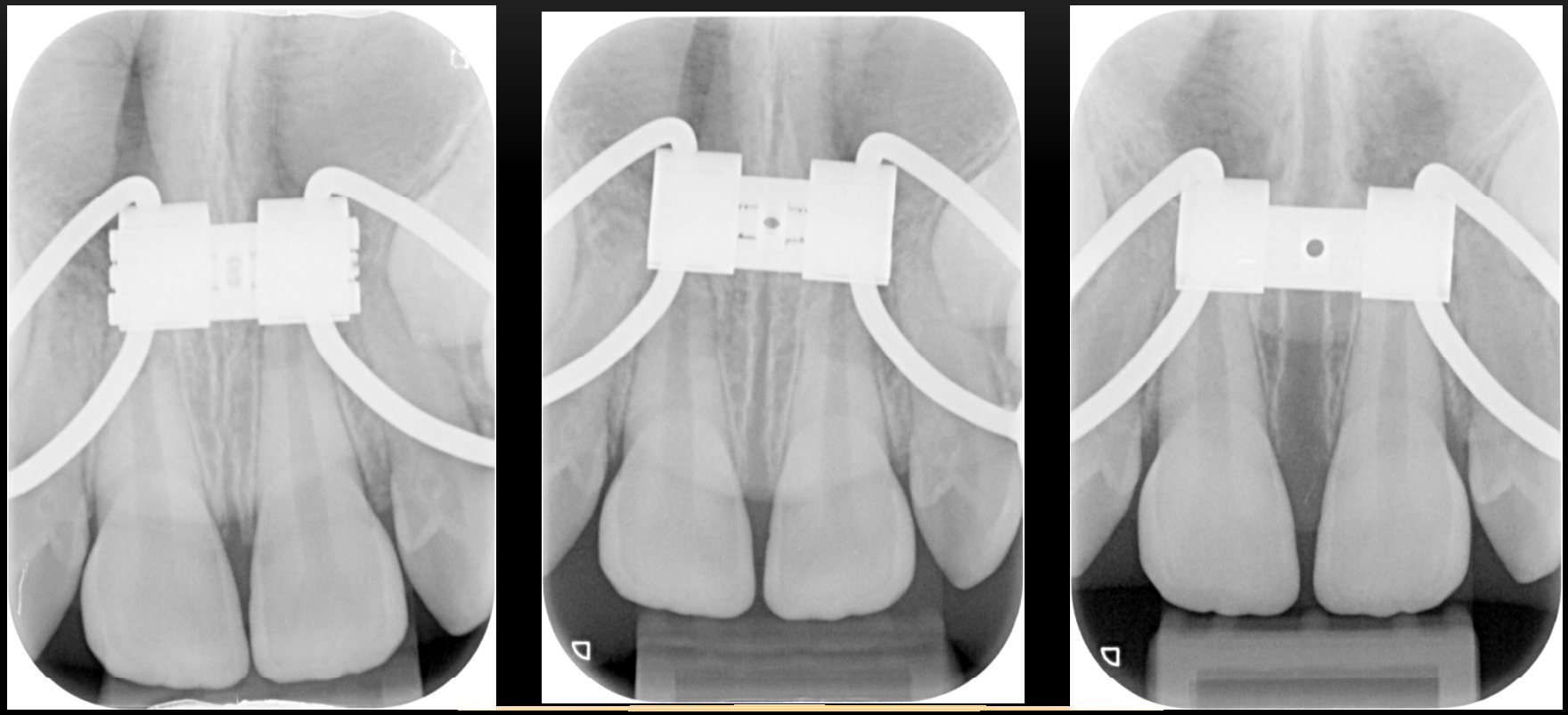

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RPE-LINGUAL ARCH TITANIUM

Sdt. Riccardo Palla Sdt. Stefano Nergini

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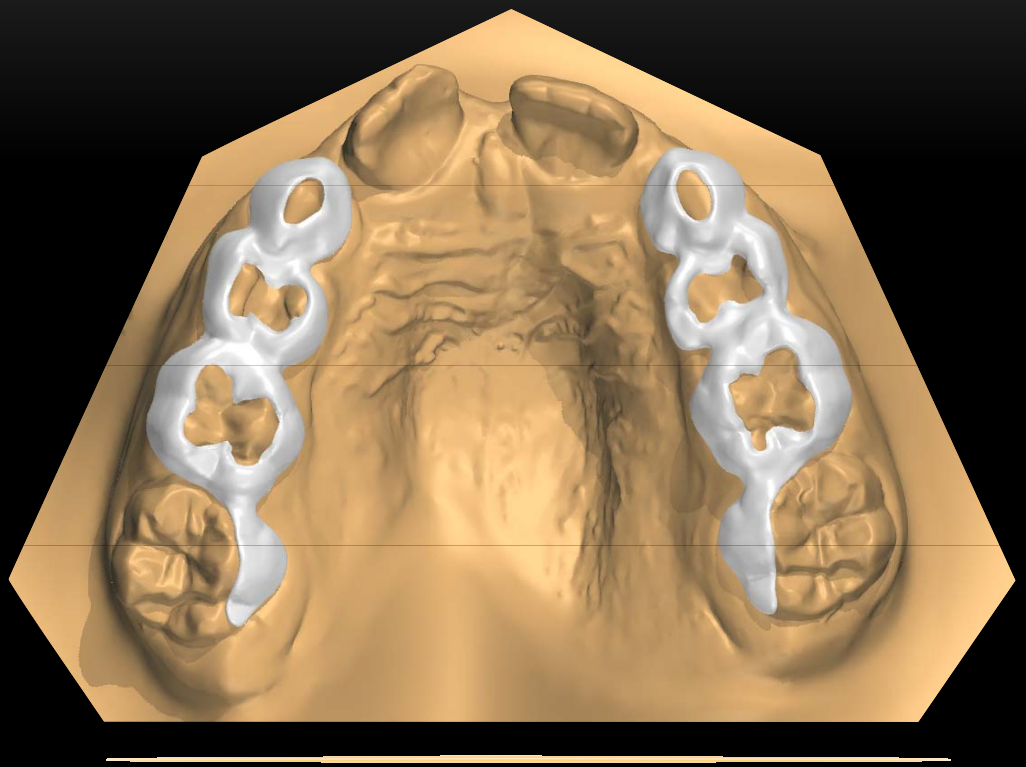

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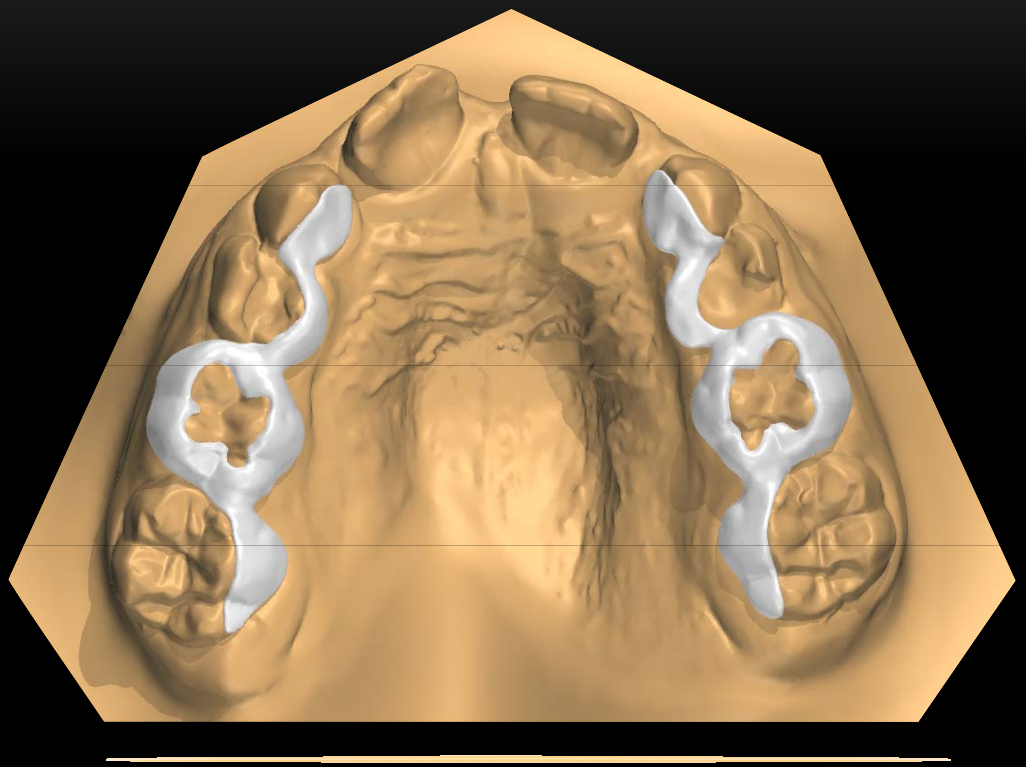

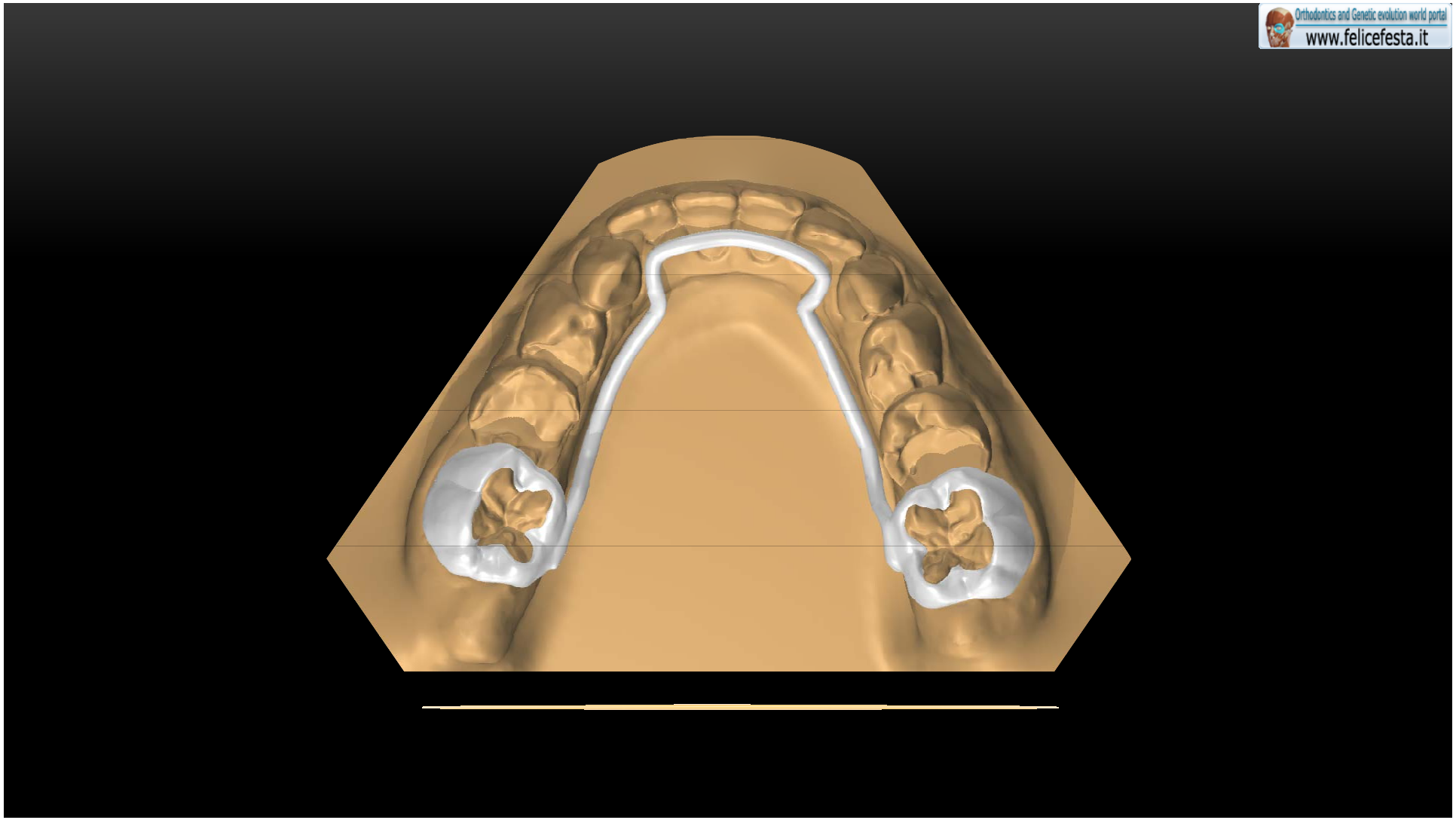
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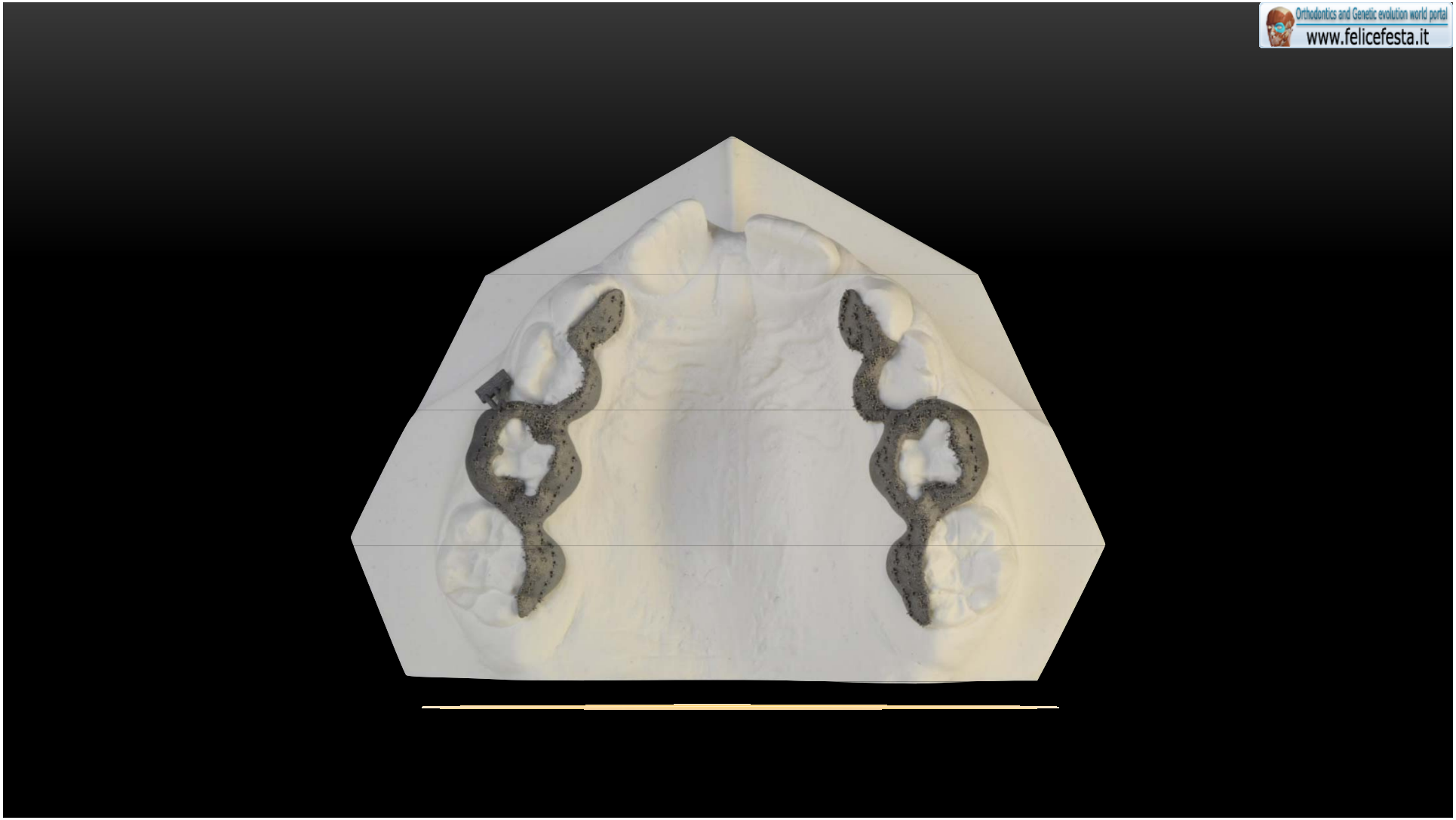

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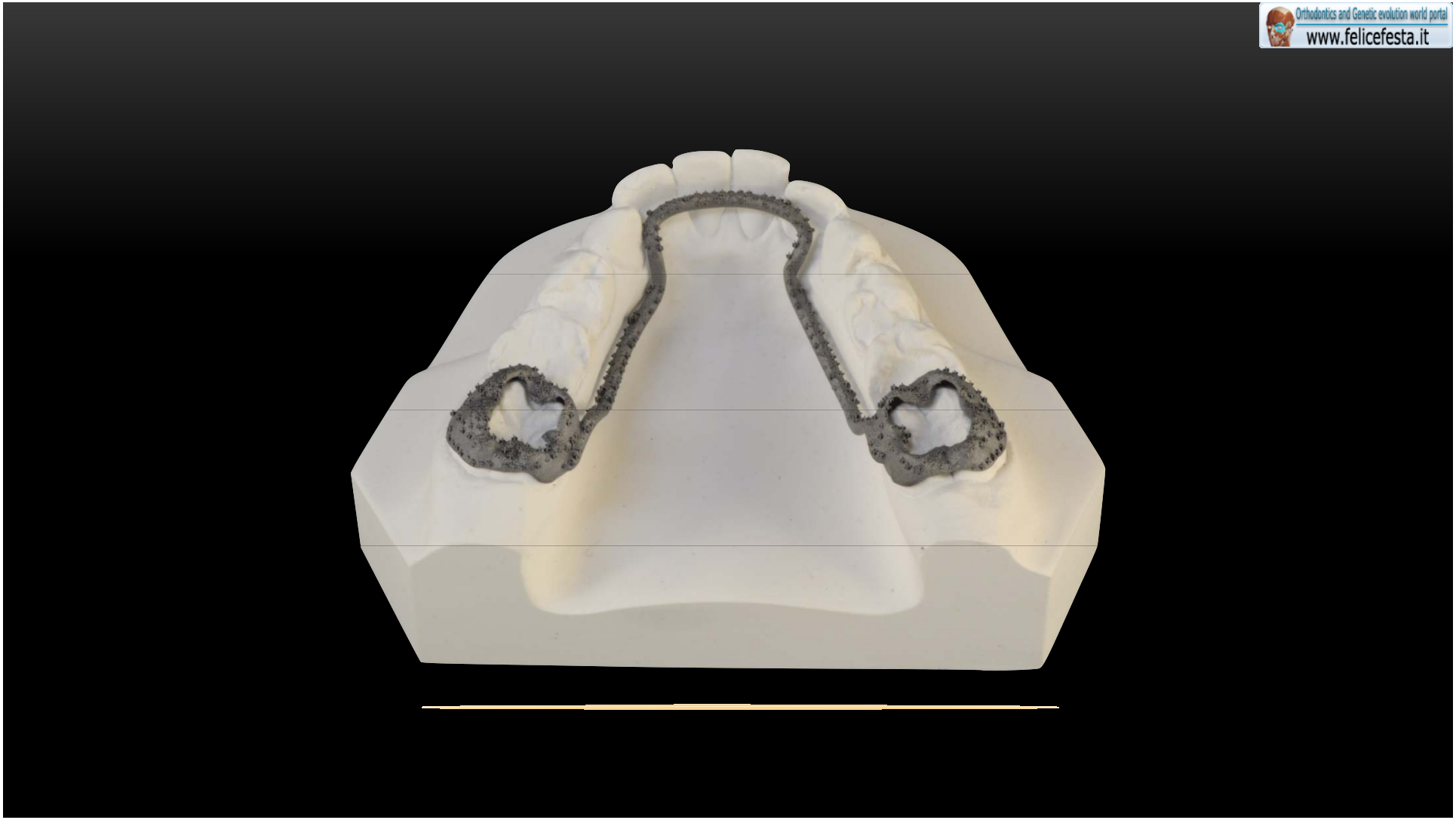

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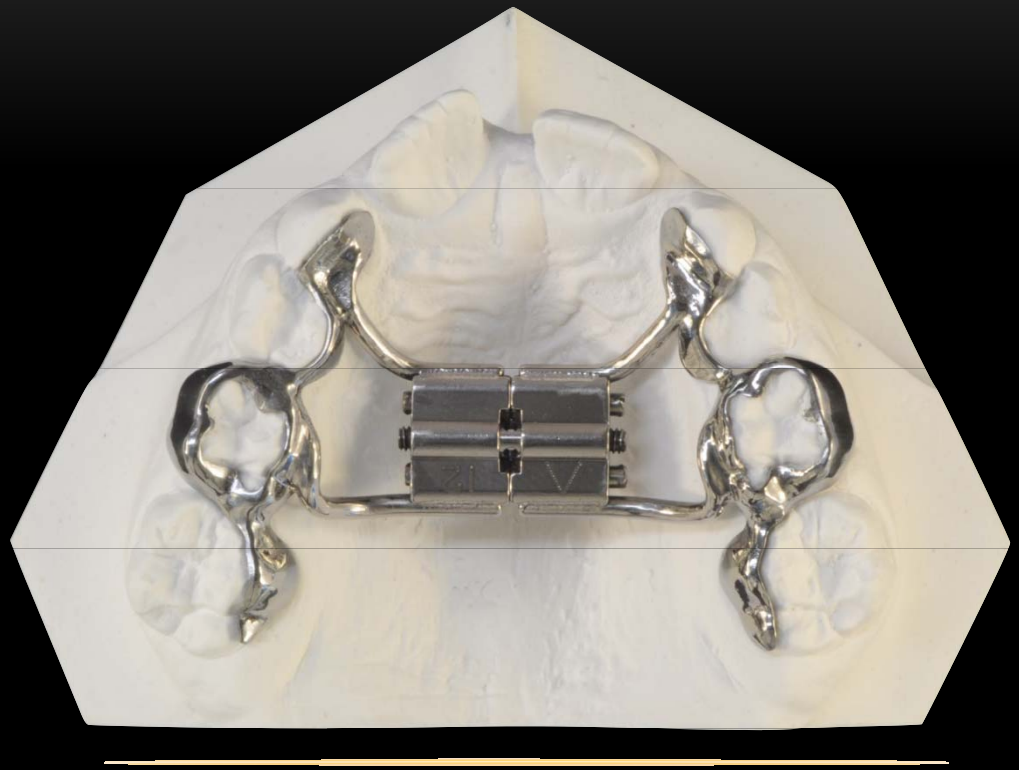

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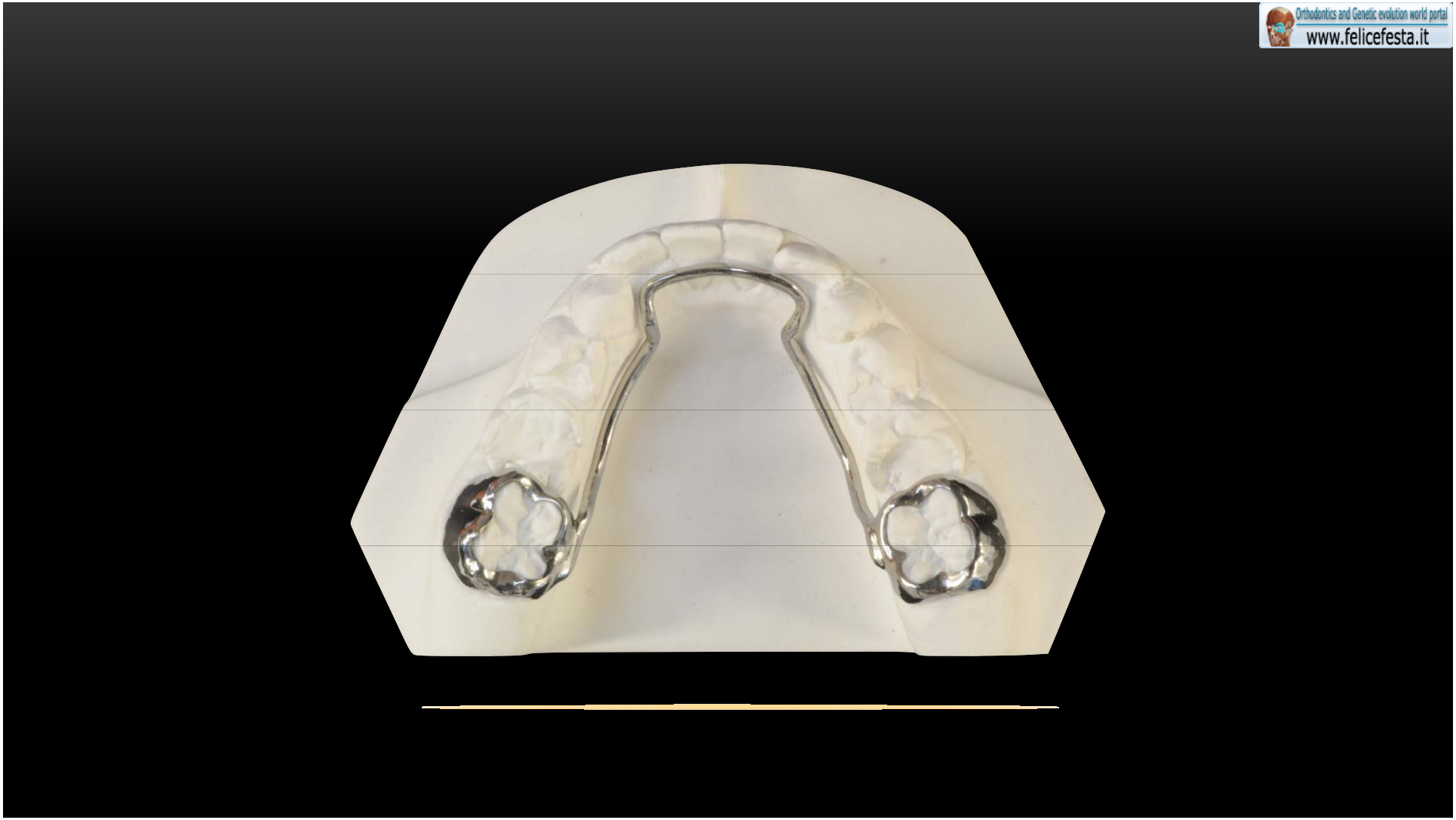

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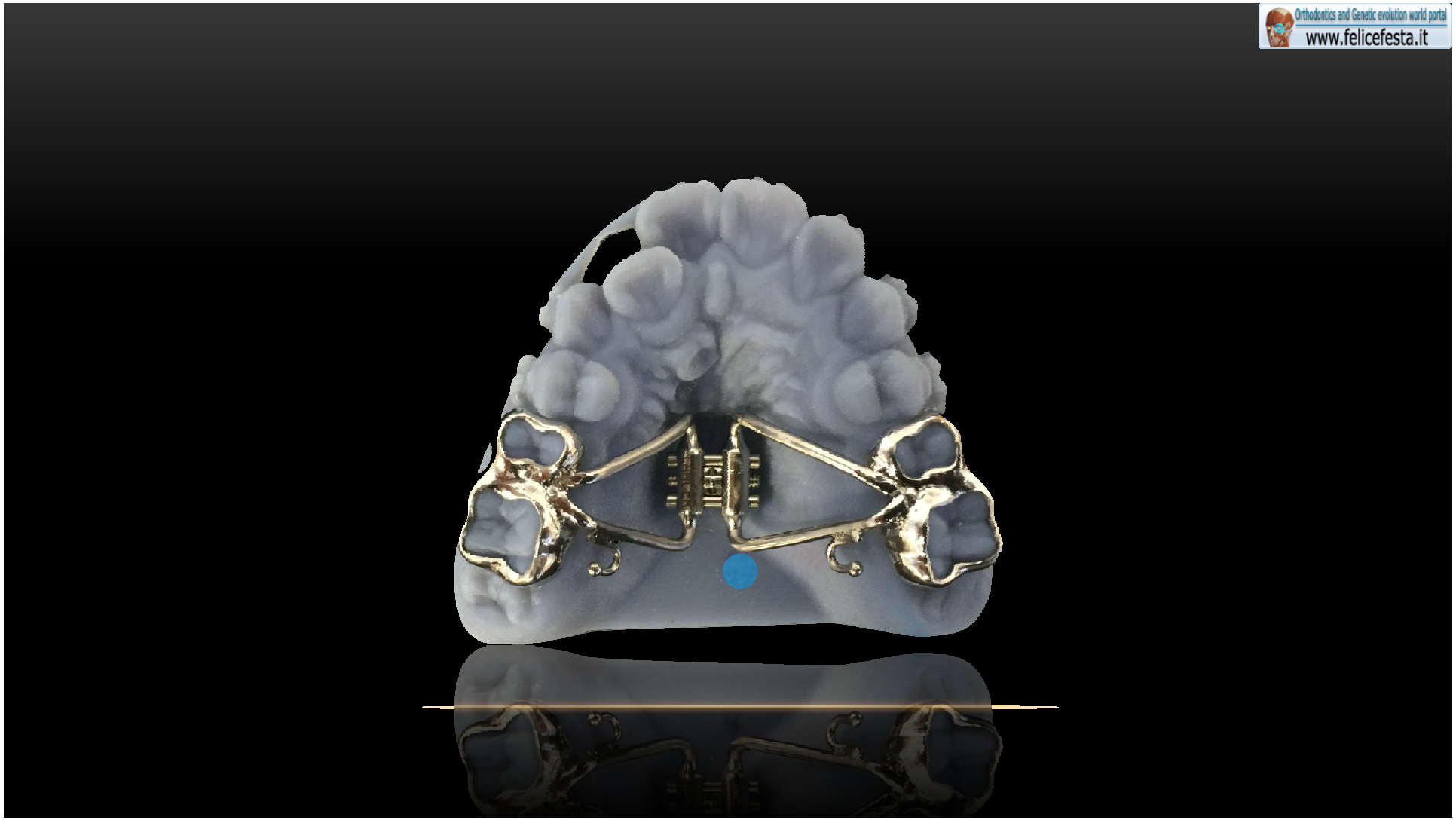
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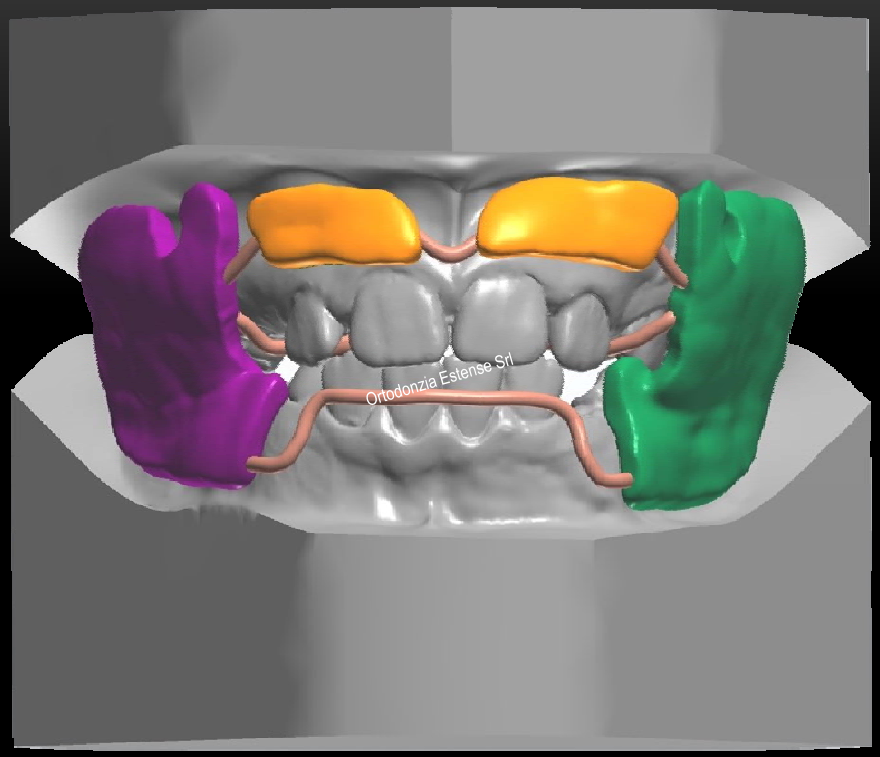
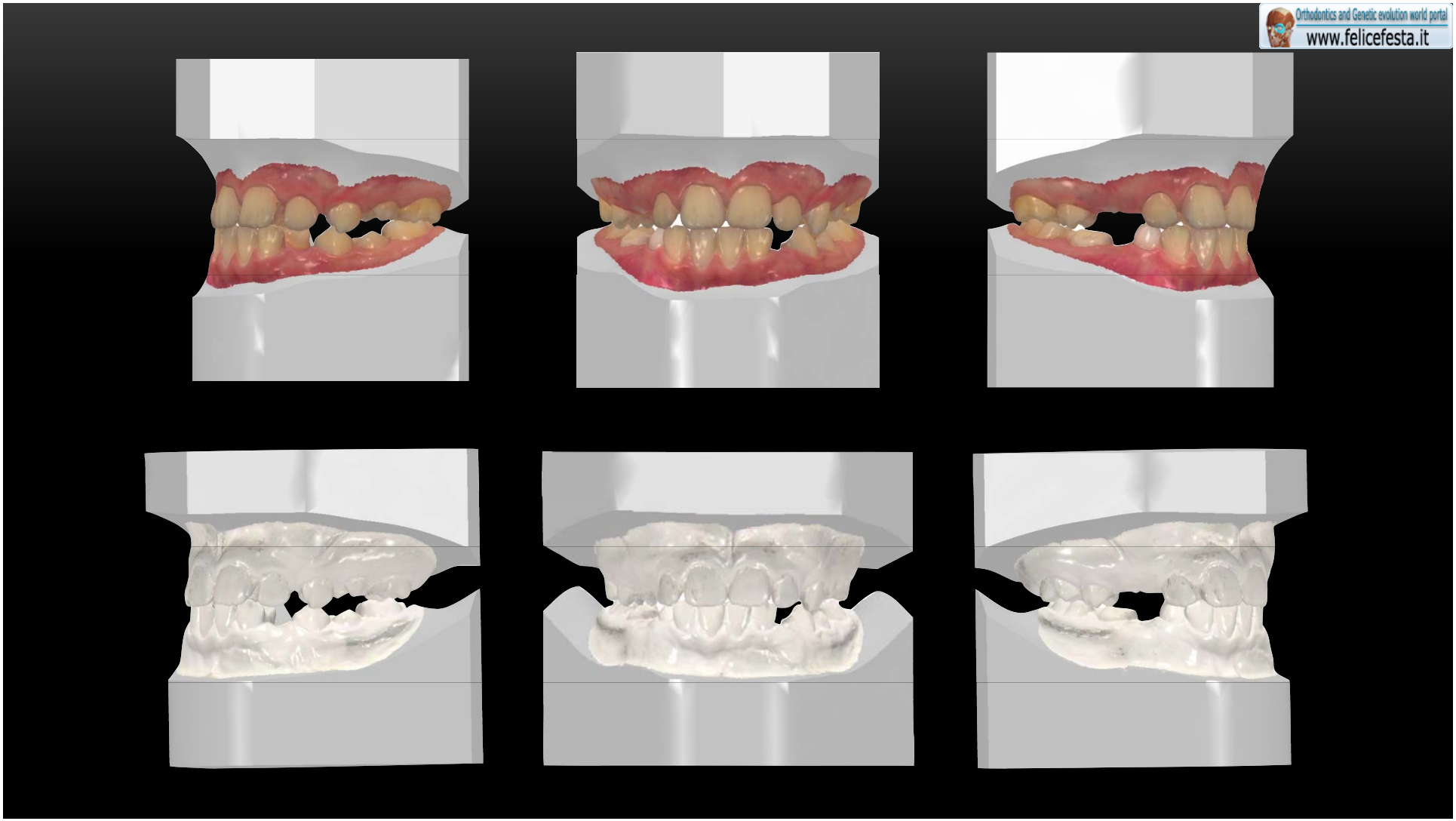


FRANKEL-3 3D DESIGN

University of Chieti - Sdt. Stefano Negrini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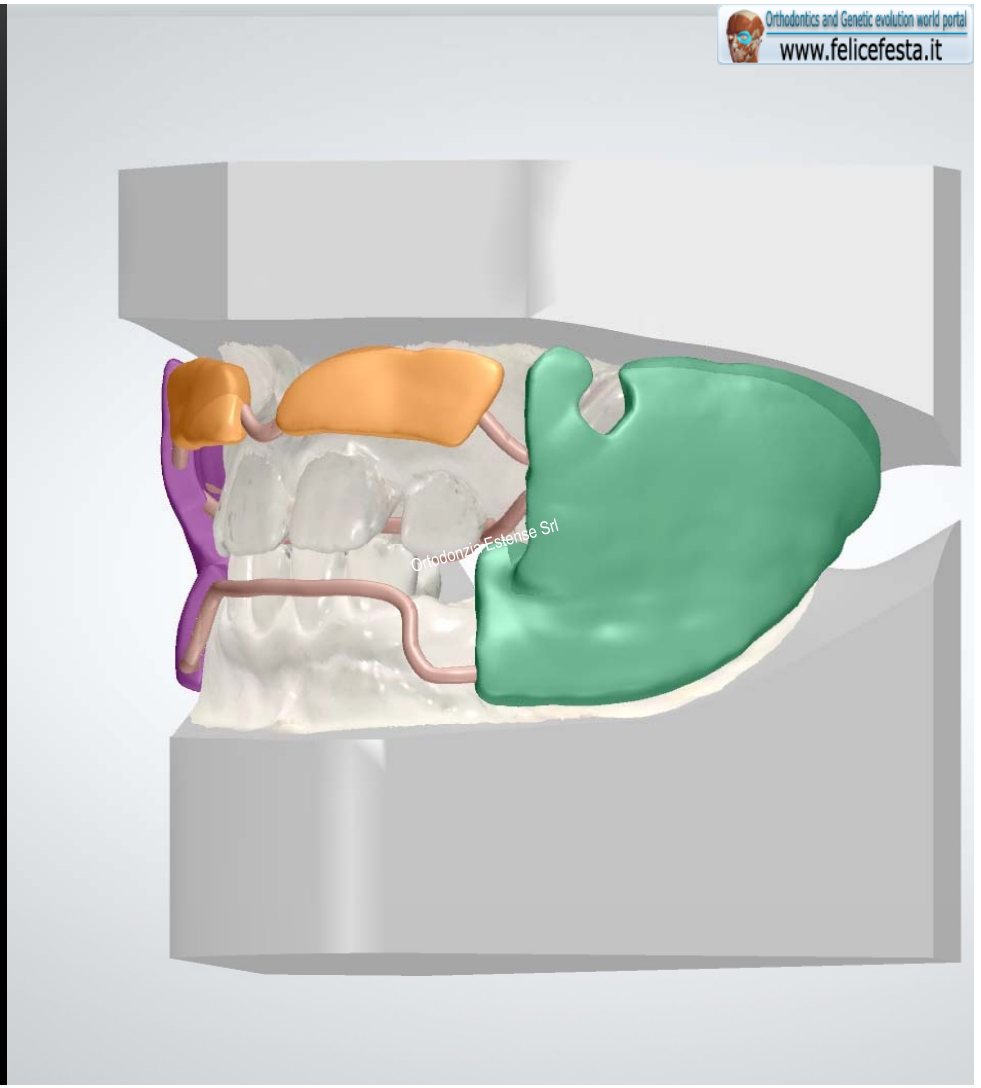
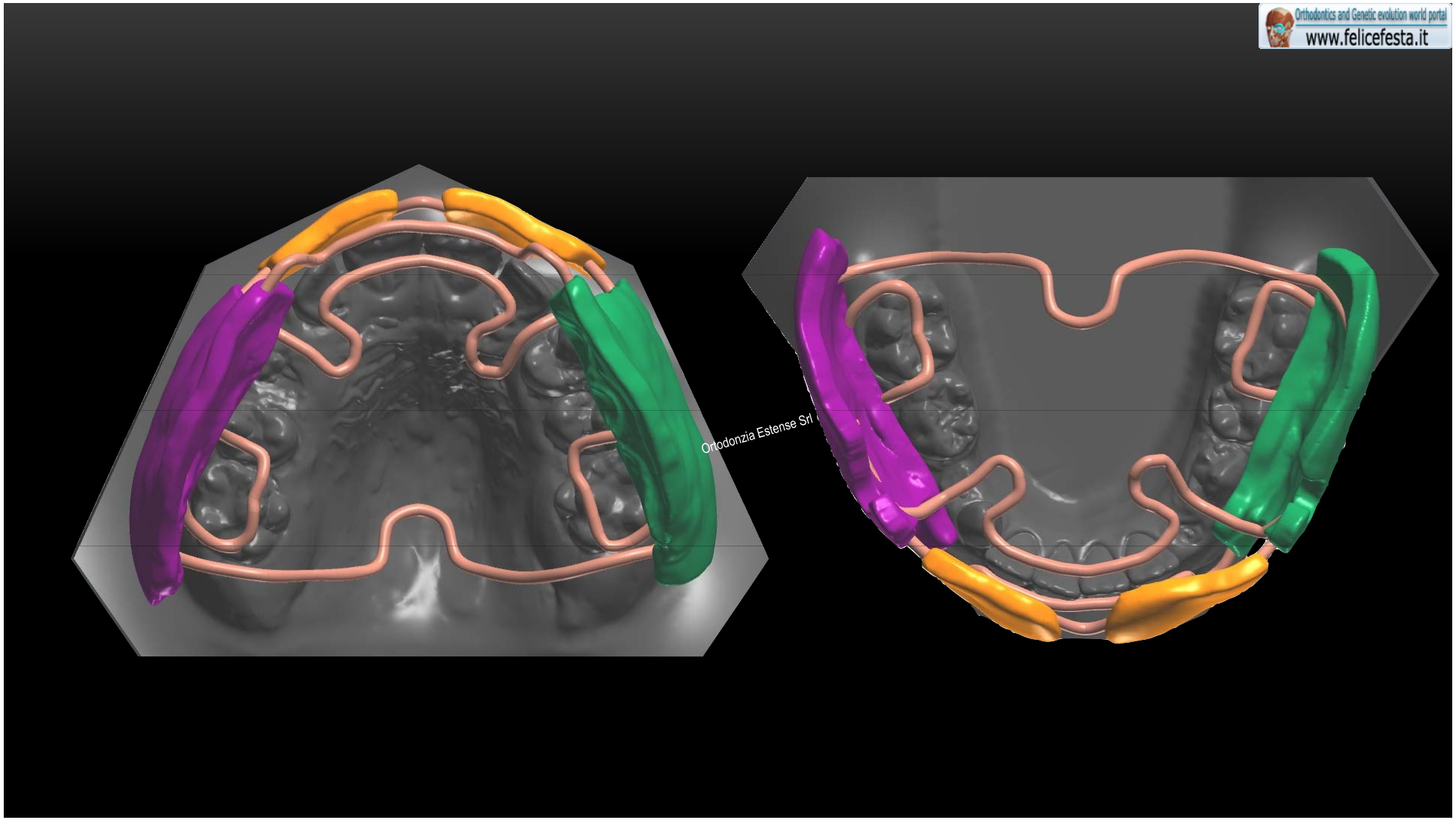
We Thank Odt. U. Comparelli
http://www.felicefesta.it/team.html

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- GRAZIE