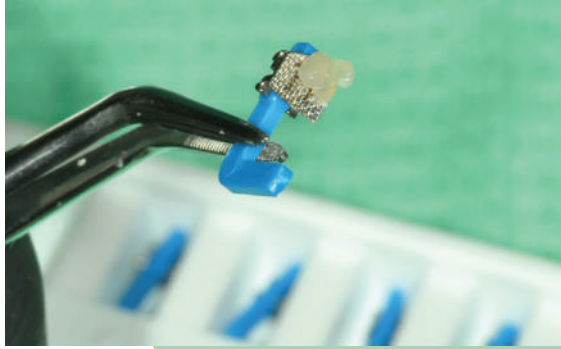
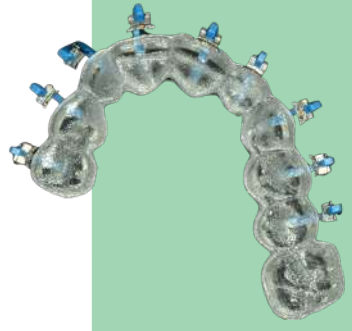


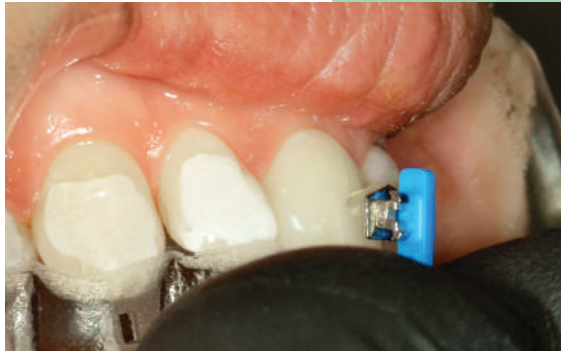
Clinical procedure



Apply a layer of adhesive on the bracket base.



The special method minimizes the thickness of adhesive and easily removes excess before curing.



Drag the jig along their female guide up to place the bracket onto the tooth at the exact position digitally planned.



Curing of adhesive.



Removal of jigs from the brackets.

Courtesy of Dr. Arturo Fortini



F6120-91
F6220-91

1 case kit .022" (20 brackets) STEP 2.0 system
1 case kit .022" (20 brackets) Roth Logic Line system



F6100-04
F6200-04

Pack of 4 sets of 20 tooth positioners each. For STEP 2.0 system
Pack of 4 sets of 20 tooth positioners each. For Roth Logic Line system



Video QR Code
Clinical Procedure on patient
Courtesy of Dr. Alvise Caburlotto

3D Leone

3DLeone
Phone: +39.055.304451
3d@leone.it
www.3dleone.it



Orthodontics and Implantology

Leoneamerica Dental Products Inc.

1250 Stellar Drive | 93033-2404 Oxnard, Ca | Usa
Phone: + 805-487-9860 | Fax: + 805-483-8482
info@leoneamerica.com | www.leoneamerica.com

Indirect Bonding 3D



3D Leone

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Indirect Bonding 3D

IN69-17

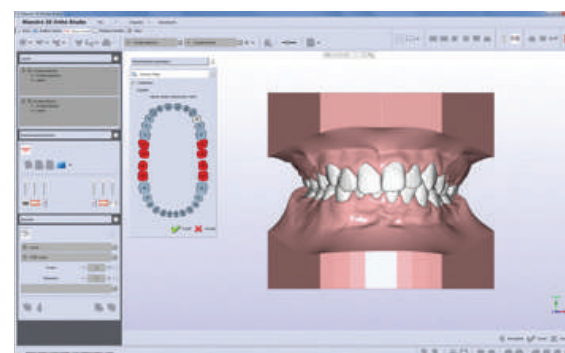
Digitally assisted Indirect Bonding System

The innovative Leone Indirect Bonding system is an indirect positioning system developed with a dedicated software* for a correct positioning of brackets during bonding and handle any customization of the bracket position.

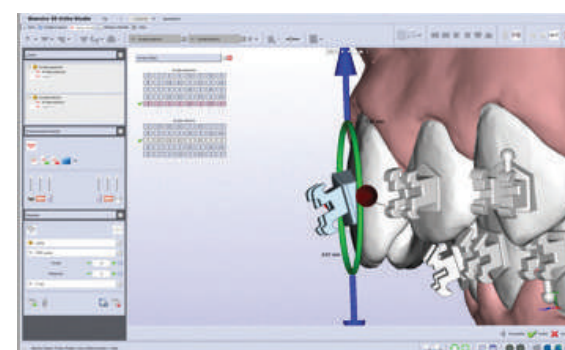
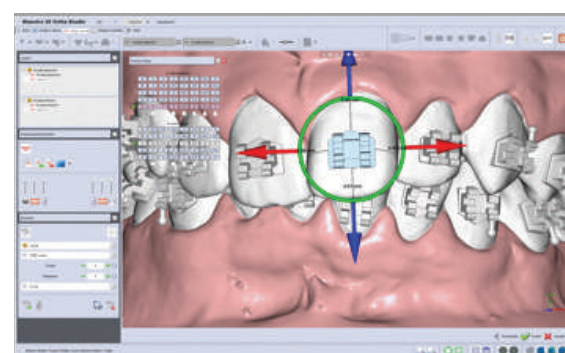
On the basis of the bracket placement, it is possible to design a transfer-bite (to be prototyped in biocompatible material with high precision 3D printer) for the perfect transfer of the position from virtual to real through the Leone special positioning jigs led by "binaries" in the transfer-bite.

The Leone Indirect Bonding system allows a perfect and easy removal of acrylic excess compound around the brackets before curing.

*Maestro 3D Ortho Studio (Version 4. and subsequent version)



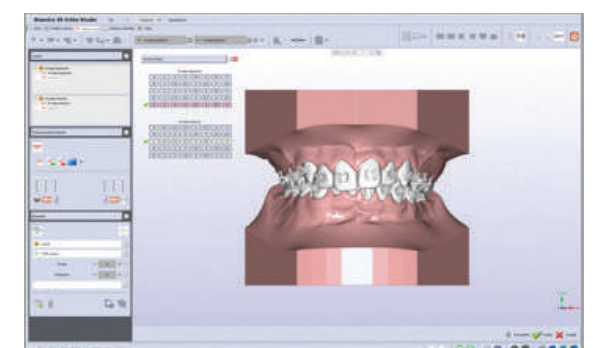
The software **automatically positions** the brackets on each tooth thanks to an algorithm based on your placement map.



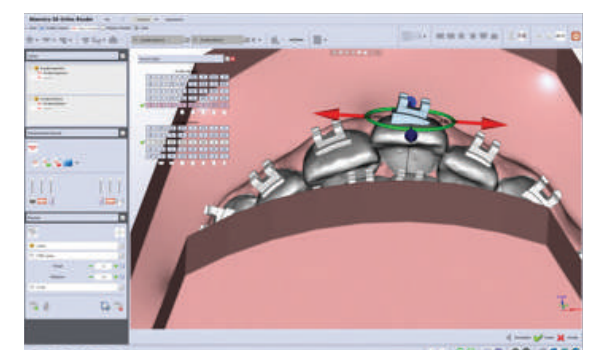
For more experienced operators, there is also the possibility to **customize parametric values of torque and rotation** of any single bracket.

Virtual planning of bracket placement

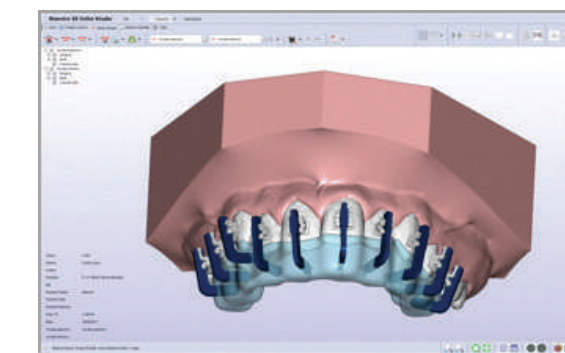
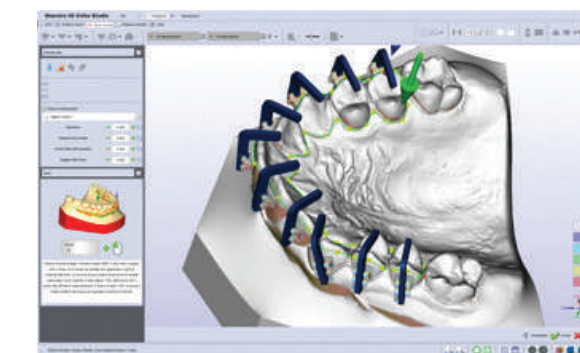
After scanning the digital models within the software, select the **software library of brackets** and technique to use.



It is possible to **optimize the placement** of each bracket using dedicated tools available in the software.



Virtual design of the transfer-bite



After drawing the lines of radiographic template and set some parameters numerically (i.e. thickness, offset, etc.), the software draws the transfer-bite by automatically deleting undercuts.

Project report

It is possible to export a PDF report including everything done in the project.

- Header and identification
- Data measurement and analysis of arches
- Trade mark and model of brackets, technique used
- Bracket position according to positioning map.

Prototyping of the transfer-bite

Once the virtual project of the transfer-bite is exported to a STL file, this is made of biocompatible resin through a 3D printer.



3DLeone provides a prototyping service of the transfer-bite, guaranteeing speed and precision.