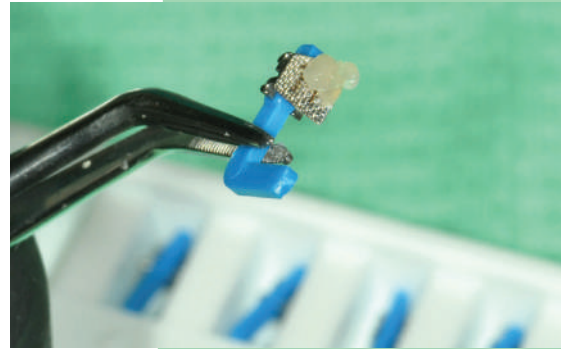
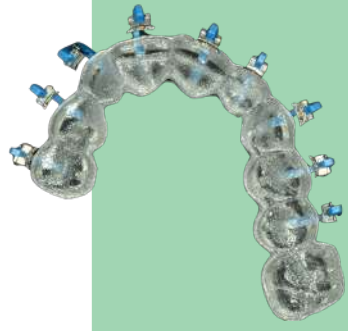


## Clinical procedure



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

**Leone S.p.a.**  
Via P. a Quaracchi 50  
50019 Sesto Fiorentino | Firenze | Italy

**Export Dept:**  
phone +39 055.3044620 | fax +39 055.304405  
export@leone.it | www.leone.it

# Indirect Bonding 3D



**3D Leone**

Indirect Bonding 3D

**Leone**  
Orthodontics and Implantology

IN08-17

# Digitally assisted Indirect Bonding System

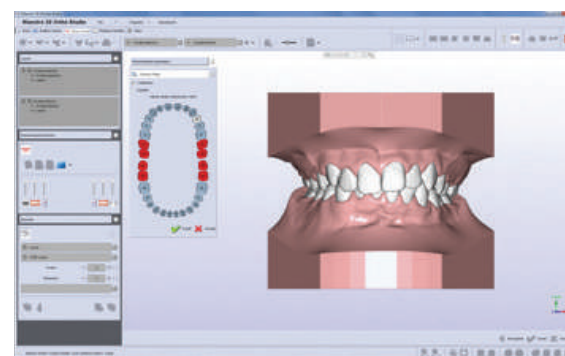
The innovative Leone Indirect Bonding system is an indirect positioning system developed with a dedicated software\* for a correct positioning of brackets during bonding and handle any customization of the bracket position.

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.

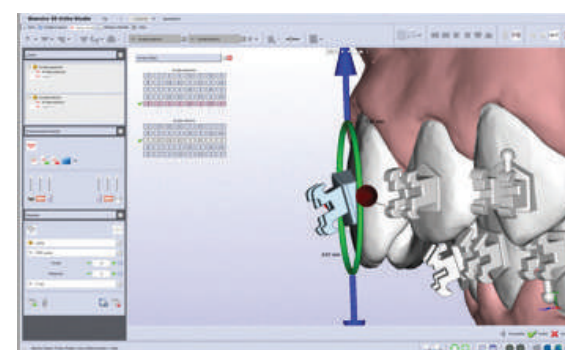
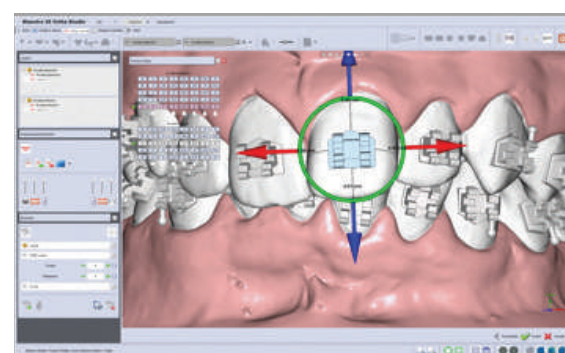
The Leone Indirect Bonding system allows a perfect and easy removal of acrylic excess compound around the brackets before curing.

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

## Virtual planning of bracket placement

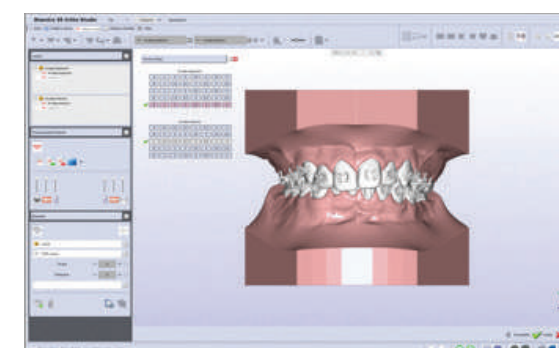


The software **automatically positions** the brackets on each tooth thanks to an algorithm based on your placement map.

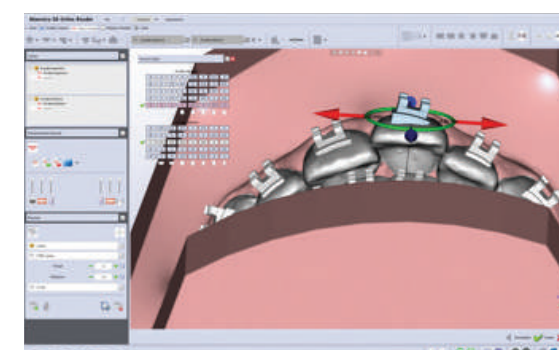


For more experienced operators, there is also the possibility to **customize parametric values of torque and rotation** of any single bracket.

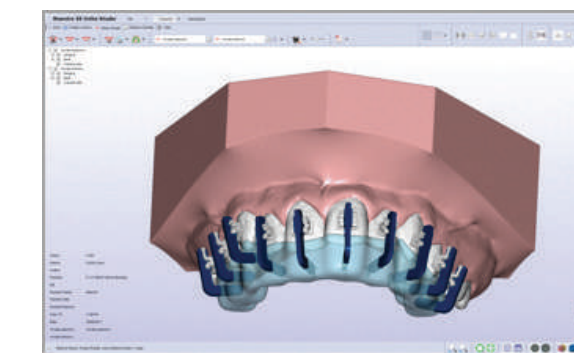
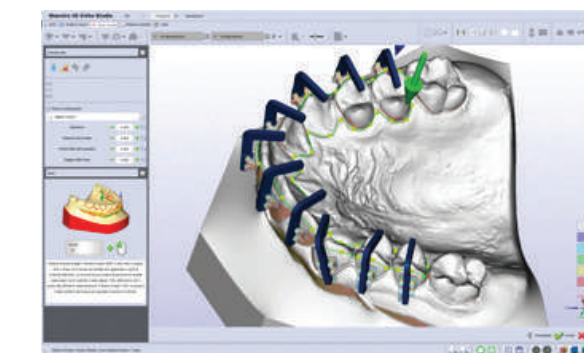
After scanning the digital models within the software, select the **software library of brackets** and technique to use.



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.