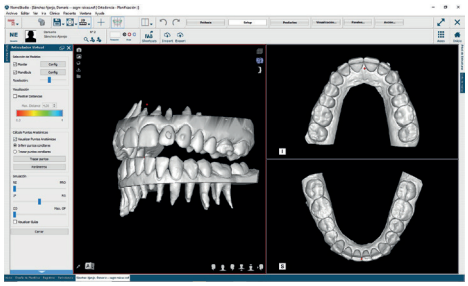
NemoCast

NEMOTEC
Taking Dentistry One Step Ahead

Diagnosis, digital planning, printing of products for orthodontic treatment.
Time saving, precision and total control

NemoCast *is software for Orthodontics that allows the analysis of digital models, diagnosis, digital planning, printing of products and presenting cases to the patient by using several tools which are useful to the orthodontist. The intuitive interface of the workspace offers a repository of clinical records that clearly separates the preparation part of the case from the diagnosis and planning of the cases.*



BENEFITS

Digital archive of models

There's no need for a physical space to store and organize your plaster models. NemoCast becomes a digital archive for 3D models, so you can access them immediately and are able to view and print with just one click.

Greater accuracy in diagnosis

By having the CBCT the orthodontist can segment the teeth automatically in 3 clicks and is able to visualize the movement of the roots at the time of performing the setup.

Saving time during the setup

Reduction of the preparation time of an orthodontic case by 70% to perform a setup for aligners or a case of indirect bonding.

Digital Smile Design at any stage of the orthodontic treatment

Total integration with the NemoSmile Design module following the 2D and 3D guidelines of the smile design during the setup, allowing to design and manufacture an orthodontic mock up.

Greater predictability and visibility

The software allows to evaluate the sequence of movements in a precise way obtaining a simulation to control the evolution of the case and design the most suitable type of product. Mini intuitive odontogram to extract, show and hide teeth.

Multidisciplinary treatment

NemoCast is integrated with the other modules of the NemoStudio Suite to achieve comprehensive treatment. NemoSmile Design – Digital Smile Design software in 3D, NemoCeph – cephalometric software, NemoFAB – orthognathic surgery software, and NemoScan implantology software.

Increases case acceptance

Visually communicate the diagnosis and treatment plan in a way that the patient understands it, increasing their confidence. It shows the final outcome of the treatment through a 3D simulation.

Product printing

The software is open and allows manufacturing aligners with any 3D printer, saving time and costs.

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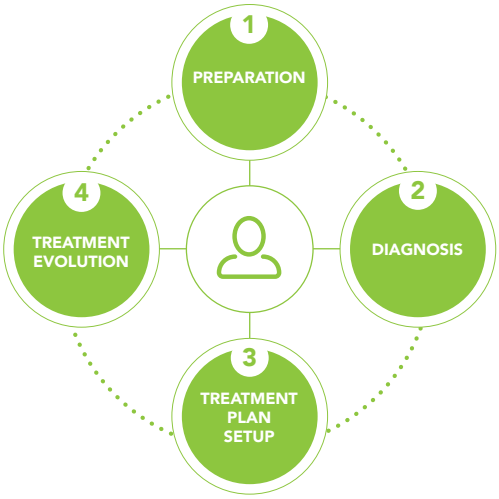

NemoCast Processes

1. **Preparation**
   STL model scanner (intraoral or desktop). Occlusal, lateral, frontal, and articulated model views.
2. **Diagnosis**
   Analysis of STL model (angulations, discrepancy, Andrews' keys of occlusion, study of tooth size, Bolton, Moyers, Schwartz-Korkhaus, etc.).
3. **Treatment Plan – Setup**
   Calculation of different dental movement sequences indicating the treatment plan: arch shape, extractions, expansion, etc. It integrates the information of its cephalometric VTO planning carried out in **NemoCeph.**
4. **Treatment Evolution**
   Overlapping of models in order to evaluate the evolution and treatment outcome.

CHARACTERISTICS (FEATURES)

NemoCast is an orthodontic software for the diagnosis, digital planning on 3D models, printing of products and presentation of cases to patients. It allows:

- Multi-device connection with different types of hardware (desktop and intraoral scanners)
- Orientation, base and models segmentation
- Analysis of orthodontic models, Generation of discrepancy reports
- Creation of treatment plans or setups (simulation of tooth sequence movements) for indirect bonding of brackets or aligners
- Segmentation of roots using a CBCT
- Total integration with NemoSmile Design following 2D and 3D guides of digital smile design during setup. Simulation of the treatment over the patient' picture
- Intuitive tools for the realization of the setup: mini odontogram to show or extract teeth, automatic symmetry, measurement of interdental contacts and stripping
- Analysis of occlusion with virtual articulator, calculation of tooth contacts (occlusogram)
- Panel with the evolution of the setup (animation of the aligner sequences)
- Orthodontic mock up
- Extensive library of brackets, attachments and jigs (indirect bonding)
- Printing of biomodels for aligners and indirect bonding
- Connection with NemoBox to share orthodontic cases with doctors, laboratories or patients
- Multidisciplinary integration with any of the NemoStudio's Suite Modules of Nemotec

Discover and request an online demo of NemoCast software by calling:

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or send an email to **info@nemotec.com**

ABOUT NEMOTEC

Unique multidisciplinary digital platform

10,000 doctors trust in Nemotec

Customized technical support

Opinion Leaders value Nemotec

60 countries across the world