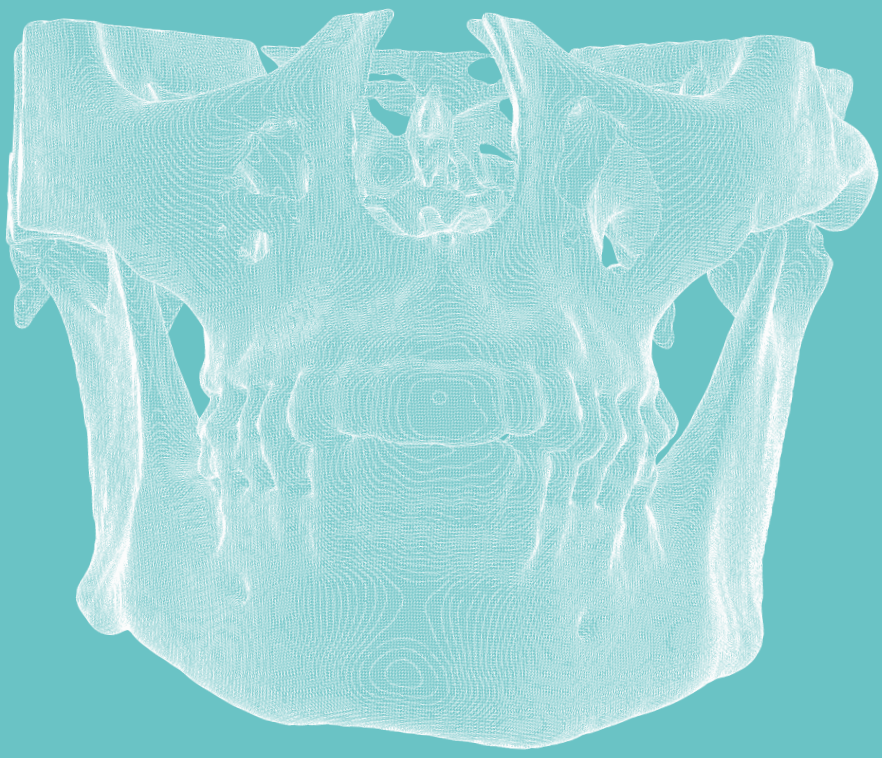
ORAL3D

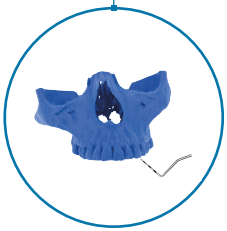


3D PRINTING MADE SIMPLE FOR DENTISTS

Create physical models of your patients' oral cavity in your dental office with no effort.

BENEFITS

USING ORAL3D

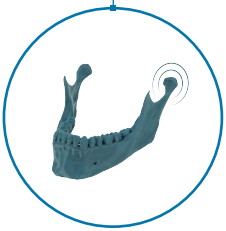


Dentist-Patient communication

Improved and effective communication with your patient results in better treatment

Treatment planning

3D models are a tool to improve treatment planning and facilitate rehearsals



Dental training

Facilitate learning in trainings and seminars using 3D models

FIELDS

OF APPLICATION

- IMPLANTOLOGY
- PERIODONTAL SURGERY
- RADIOGRAPHIC SERVICES
- ORTHODONTICS
- MAXILLOFACIAL SURGERY
- ORAL SURGERY

"3D printed models are a great help for maxillofacial surgery when patients need a condylectomy for facial asymmetries caused by a condyle which is longer than the other. The patients understand better their complex anatomical situations, while the surgeon has an additional tool as a guide to identify with precision the part of the bone that needs to be cut."

Prof. Piero Cascone, Associate Professor and Head of Maxillofacial Unit, Università di Roma Sapienza

THE PACKAGE

Oral3D Printer

Cool, silent and designed to fit perfectly in a dental office to print models whenever is needed!
The model is printed within a few hours and it is **ready to be used.**

Cloud Software

We know your time is valuable, so our cloud-based software does all the job for you. It converts CT scans and intra-oral scans in 3D-printable models in a couple of minutes - with **no technical training required!**

Sustainable Cartridges

The Oral3D models are 3D-printed with a **bio-degradable** material. The first 40 models are included in the package!

AN INTEGRATED SOLUTION TO CREATE DENTAL 3D MODELS FAST AND EASILY

BRING 3D PRINTING

TO YOUR DENTAL OFFICE

1 **Order**
your Oral3D package

2 **Install**
Receive your 3D printer and get your personalized installation

3 **Upload**
your CT scan, cone-beam or intra-oral scan to Oral3D cloud software

4 **Print**
Let the Oral3D printer to do its job and the models will be ready to be used in a few hours

CREATING 3D PRINTED MODELS HAS NEVER BEEN SO EASY!

SPECIFICATIONS

3D PRINTER

SIZE
420x420x420 mm

WEIGHT
12 kg

LAYER RESOLUTION
100–500 microns

NOISE
50 dB
(while printing)

PRINTING DURATION
2–30 hours
(depending on the size of the model)

ORAL3D APP SPECIFICATIONS

CLOUD APP	**No download required** *(Google Chrome is advised)*
FILE TYPE	**\ CT scans and cone beams** *(.dicom format)* **\ Intra-oral scans** *(.stl format)*
OPERATING SYSTEM	**All operating systems** *(MacOS, Windows, Linux, etc.)*
CONNECTIVITY	**Internet connection required** *(cable or Wi-Fi, preferably 5-10Mbps upload speed)*
LANGUAGE SUPPORT	**English, Italian and Spanish** *(additional languages can be added if needed)*

NON-TOXIC
ODORLESS
ECO-FRIENDLY

2€

AVERAGE COST OF MATERIAL PER MODEL

CASE STUDY

Implantology

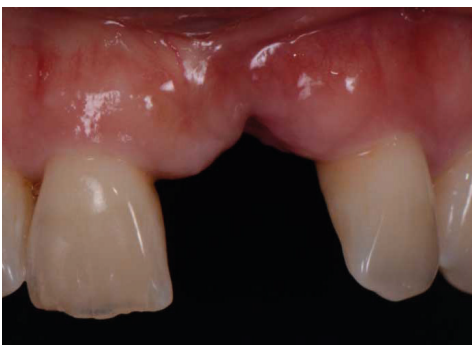
IMPROVING PATIENT'S UNDERSTANDING OF THEIR ORAL SITUATION AND SURGICAL PLANNING THROUGH 3D PRINTED MODELS

The use of 3D printed models is crucial to maximize the efficiency of the communication between the dentist and the patient, not only permitting a more accurate diagnosis but increasing efficiency and satisfaction.

A better communication improves every stage of the treatment, from the planning to the examination of the final results, as the patients can better appreciate the benefit given by the treatment. The importance of a good dentist-patient communication is very clear nowadays, as also stated by the Association of Dental Implantology. [o]

[o] *Association of Dental Implantology, Effective Communication With Patients, Reports on the ADI Team Congress 2011: http://www.adi.org.uk/events/congress11/reports/louise_fletcher.html*

BEFORE

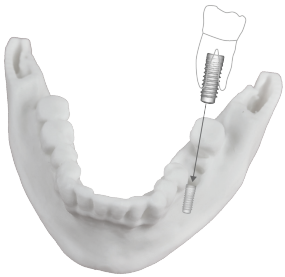


AFTER

CASE STUDY

Oral Surgery

IMPROVING PATIENT'S UNDERSTANDING OF THEIR ORAL SITUATION AND CRITICAL PRE-SURGICAL PLANNING WITH LIMITATION OF ERRORS WITH CUSTOMIZED 3D PRINTED MODELS

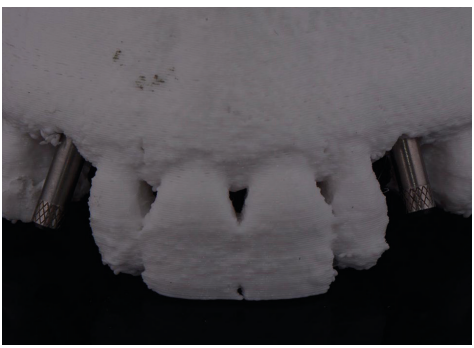


Thanks to 3D printed models, dentists can have in their hands the exact replica of the patient's bone structure and plan their treatment beforehand.

The use of 3D models drops the surgical time decreasing the discomfort of the patients during surgery and allows the dentist to have a made-to-measure planning.

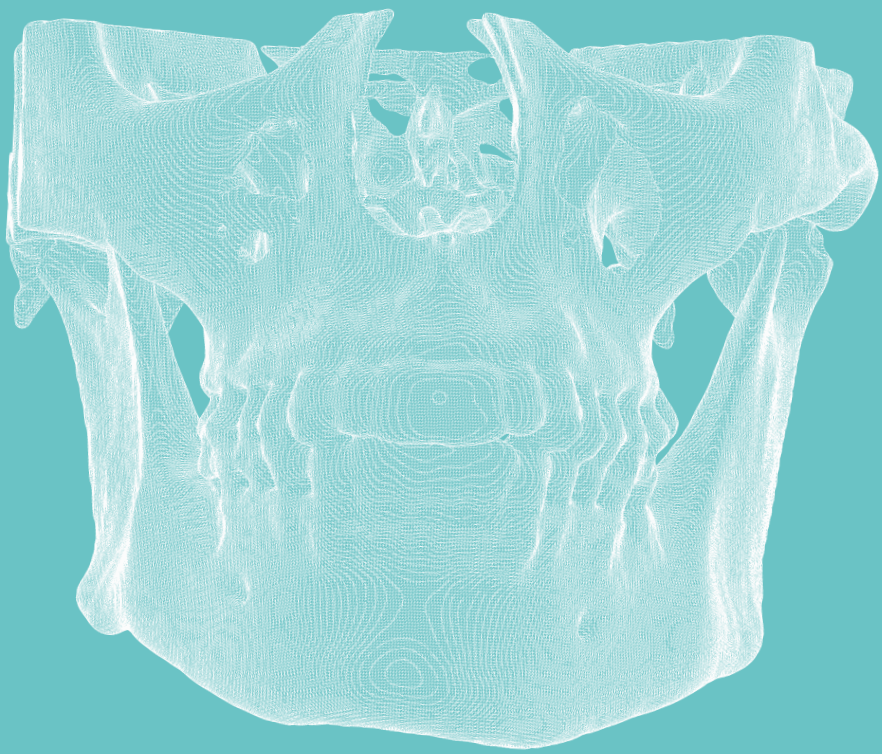
Moreover, the dentist can easily show the patient how the oral situation evolves over time by 3D printing a new model. This also increases patient's understanding of the treatment and satisfaction over time.

IMPLANT



PLANNING

ORAL3D



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SOCIAL MEDIA