



## VIRTEASY DENTAL

DENTAL SURGERY SIMULATION





# VIRTEASY DENTAL

## HAPTIC TECHNOLOGY

Haptic technology allows to learn the most complex dental surgery protocols. VirTeaSy, through a force feedback arm simulates a real contact on a virtual element with the highest fidelity.

## SIMULATION

To create those simulations that prepare practitioners for all dental surgery cases, scan data were modeled under the strict control of dental surgery academics.

## MULTIDISCIPLINARY

VIRTEASY DENTAL covers training in the following disciplines: Odontology, Endodontics, Prosthesis and Implantology.

« NO FIRST TIME ON REAL PATIENT »

Letter HAS n° 31, april-june

## TRAINING

ADDED VALUE OF VIRTEASY DENTAL

The **VIRTEASY DENTAL** simulator provides a unique level of performance, fidelity and reliability. It is a complete integrated training system that allows students to improve their skills faster and the teachers to follow students' assessment with efficiency.

The use of the best haptic device with accurate force feedback gives a genuine sense of touch. **VIRTEASY DENTAL** provides a very flexible navigation software with the ability to setup new practices and exercises.

## HIGH-FIDELITY SIMULATION ULTRA-REALISTIC SCENARIOS

User's acceptance and satisfaction.



# VIRTEASY DENTAL - SOLID EDITOR

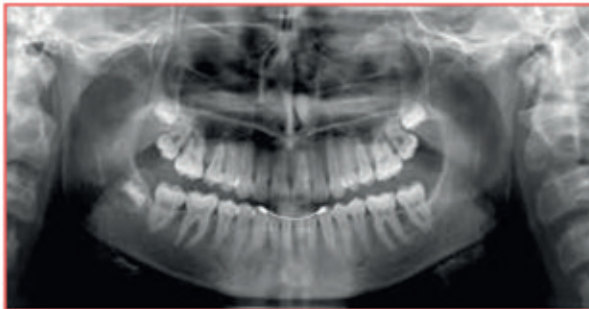
Creation of specific patient exercises step by step



## CREATION

SolidEditor tool developed by HRV-simulation allows specific patient exercise's creation.

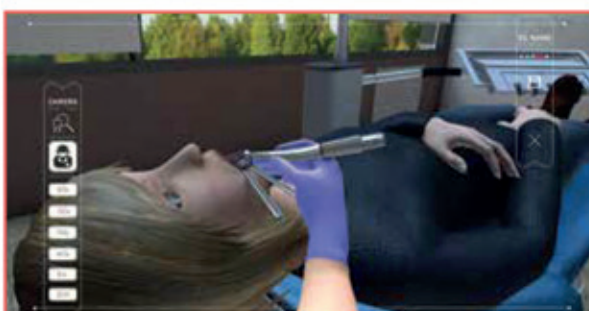
Our software segment a whole dental area or isolated teeth from many input types (DICOM, STL, etc.)



## SIMULATION

The student follows dental surgery protocols on virtual jaws and forms.

Sens of touch and sight are well combined giving virtual surgery a good realism. Use of 3D brings an excellent immersive environment for surgery.



## PLANNING

An innovative, comprehensive and practical approach for implantology training.

The student chooses implants based on their geometry, length best suited to bone availability.



## ASSESSMENT

Ability to repeat all steps: preparation, simulation, assessment, progress track

Teachers can easily plan the learning path and student's progression. The software offers a dynamic assesment for each virtual surgery performed.



## VIRTEASY DENTAL ALREADY USED IN MANY DENTAL SCHOOLS



Parc Tertiaire Cérès -21 rue Ferdinand Buisson  
Batiment L - 53810 Changé - FRANCE  
TEL: +33 (0)2.44.47.23.20  
EMAIL: CONTACT@HRV-SIMULATION.COM  
WEB: WWW.HRV-SIMULATION.COM