

METHOD AND SYSTEM OF DENTAL OCCLUSION MEASUREMENT AND VIRTUAL DEPLOYMENT

This invention solves the problems by disclosing a system and method that capture information for virtual deployment of occlusal forces, and project said occlusal forces onto automatically aligned digital casts of the user's denture.

TYPE OF DEVELOPMENT

Diagnostic, planning and treatment device.

DESCRIPTION

Occlusion analysis is essential on dentistry and nowadays different systems are on the market. Traditional articulating paper and digital force sensors, as T-Scan or Occlusense, provide some solutions for dental community. However, it is needed to have all the contacts and forces on the patient's digital casts over time, while the patient is moving the mandible. This information is really useful for dental diagnostic, planning and treatment.

INDICATION

The methodology provided by this patent could be used as individualized visualization of occlusal contacts and forces over time on patient's individual teeth.

- Diagnosis of dental cases.
- Planning of dental cases.
- Treatment of dental cases.

NOVELTY/ADVANTAGE

- Currently, there is no device to visualize occlusal forces over the individual teeth of the patients correctly aligned.
- Easy-to-use method.

Reference: VirtualOcclusion (18BI001)

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IPR STATUS

European Patent

Application:

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Applicant:

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COOPERATION GOAL

Company interested in the license
and commercialisation of the
development.