

**PRESENT DAY TOPICS APPROACHED DURING
THE CONFERENCE AND HAND'S ON
OF THE INTERNATIONAL CONGRESS
BUCHAREST, 18-21 NOVEMBER 2009**

3d Navigation-Impla Sistem

The benefits of the use of 3D navigation in the current practice: virtual guiding and planning: Shortening surgical time, Planning the exact cost, Easier communication with the patient, Economic stock of implants.

Perfect documentation, 3D planning provides the necessary data for the acknowledgement of the following dimensions, Bone thickness, Sinus position, Bone quality, Position of veins, nerves, roots.

IMPLA™ 3D

The benefits of Impla 3D system

- **Impla 3D is a perfect system** (all the components come from an experienced developer, Impla, Schütz Dental)
- **Production of prostheses** (partner dental laboratory)
- **Production of 2D and 3D prostheses in your lab (3 or 4 axes)**
- **Good graphic** (easy to understand for patients, marketing tool)
- **Open system** (2D planning for any possible implant)

Just a second... Immediate charging with the Impla system!

- (teeth in just one session – fixation of prosthesis in one session)
- **Benefits of the practitioner:** Overall view, Safety, Shortening the treatment time for the patient, Marketing, Additional value, Documenting. Esthetics.

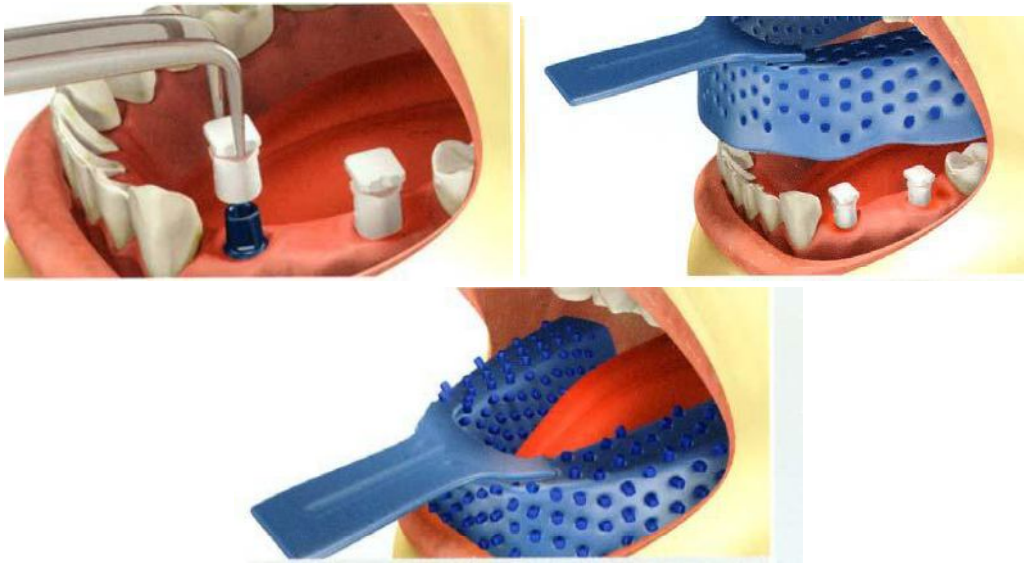
WHY 3D?

- The only system which is compatible with any implant system
- You make your own preoperative guide in a very easy way
- Information export to other colleagues (ex. for information update)
- The soft has no expiry date

A single CT/DVT is necessary

Impression in implantoprothetic rehabilitation

During the algorithm of implantoprothetic rehabilitation the impression stage is extremely important having a high degree of difficulty. It is essential for the dentist to know each step of this stage that combines various techniques and involves the correct application of prothetic accessories as well as the use of certain impression materials.



Stages of impression using MISS implants

The biomechanical characteristics of the impression material in use have great influence on the clinical finality, a special role having the present day therapeutic solutions rooted in implanto-prosthetics that use high precision impression material.

The impression material IMPREGNUM is associated with the automatic MIXING/MALAXATING equipment pentamix TM that mixes and doses homogeneously the impression material. This impression material was used mainly in the case of implant prothesing. The use of Pentamix is associated with a simple procedure. The material reserves are introduced in the cartridge, the cartridge is

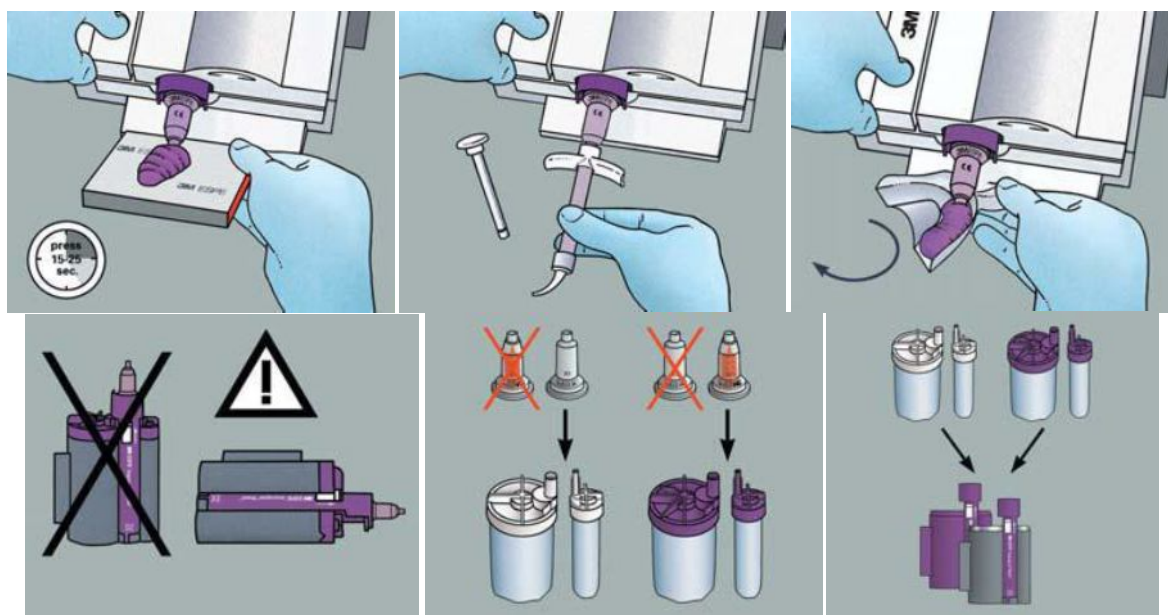
introduced in Pentamix, the mixing end and the cartridge are fixed in Pentamix and the material is dosed in tray.

The impregnum Penta Soft material composition includes Aluminium Sulphate, as retraction agent (for high precision mixtures).

The tixotropic properties make it easy to use.

The impression stability is up to 14 days allowing for the collaboration with dental technique laboratories placed at a distance from the clinic.

The material is hydrophilic, the slightly humid prosthetic field being acceptable
Aspects of using Pentamix and polyeteric material Impregnum



Guided osseous regeneration using BIO-OSS and BIO-GIDE.

The augmentation biomaterials have an essential role in prosthetic surgery of optimization the postextractionally resorbed alveolar ridges as well as in implanto prosthetic rehabilitation allowing for an optimum implant integration (periintegration).

The Bio Oss is a material of comblation being elected in osseous defects associated with immediate or belated implanting

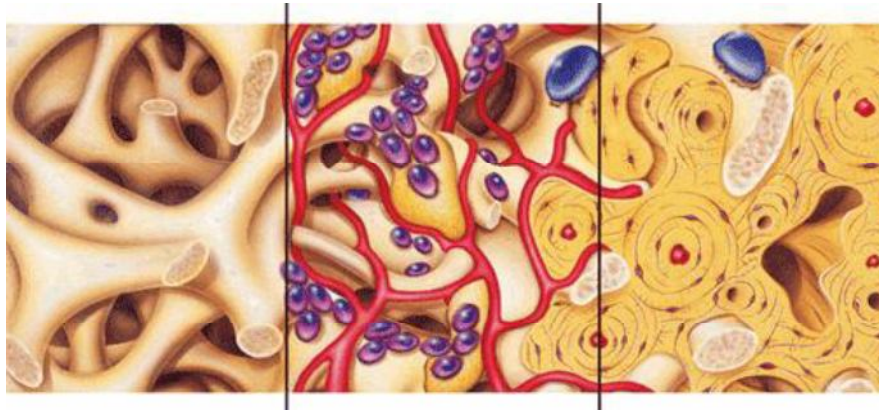
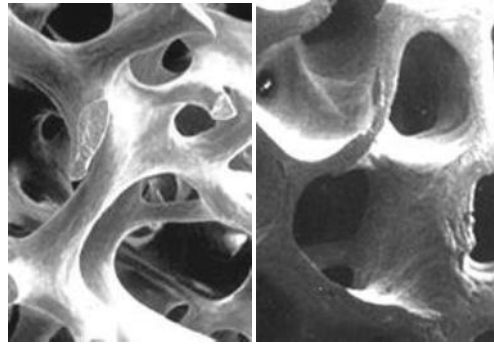
- it has osteoconductive properties and a high degree of biocompatibility
- the Bio Oss is a biologic guide of osseous remodelling
- it is a bovine anorganic substitute ABB
- due to slow resorbtion it maintains the optimum parameters of the osseous structure
- the resemblance with the human bone allows for the good regeneration with Bio Oss.



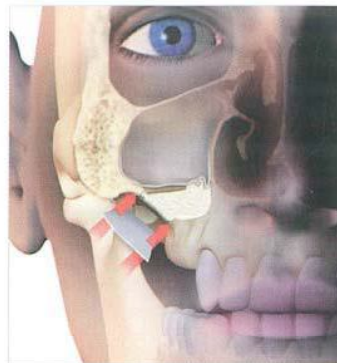
The TRABECULAR architecture and the crystalline structure of the Bio Oss allow for the formation of matrixes with high degree of osteoconductivity.

1. Bio Oss induces the process of revascularization, osteoblast migration and creation of a fine osseous network.

2. the micro SIMACROP interconnection stabilizes the blood clot, the premise of effective remodeling
3. the perfect integration of the new osseous structure associated with Bio Oss is completed in 6 months.



Indications of collagen membrane use



SINUSAL lifting

Graft protection in immediate or belated implants

Protecting grafted osseous defects
Protecting grafted SPONGY block

