

Its constant diligence in the dental technology sector has led
Laboratorio Smaniotto to develop enormous sensitivity
in understanding the needs of its dentist clients.

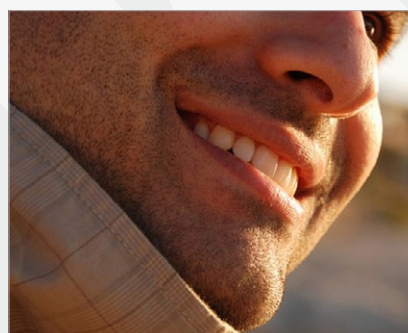
This profound enthusiasm lets us operate according to
a solid methodology undergoing continuous development.

It is a methodology in which attention to detail makes the difference.

Everything starts from here.



SmaniottoBiotechnologieDentali
Medical Dental and Implant Devices



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Keeping up with the latest developments in Prosthetic Dentistry

Prosthodontists need skilled specialized lab technicians to succeed, but they also expect precise answers, useful suggestions and customized services that fully satisfy all of their technical requirements and that respect time- and budget-considerations.

Smaniotto Biotechnologie Dentali is a laboratory specialized in metal and metal-free denture rehabilitations on natural teeth and implants in order to meet the expectations of the most demanding Prosthodontists and their patients.

Rich variety of sophisticated biomaterials

More than 50 years of work and improvements permit us to offer and to customize our services:

- Fixed denture on natural teeth / implants
- Fixed and removable rehabilitations
- Metal-ceramics rehabilitations
- Lithium bi-silicate rehabilitations
- Aluminium rehabilitations
- Zirconia rehabilitations
- Dentures realized with selective laser fusion
- All-ceramic rehabilitations
- Overpressed ceramics on metal and zirconia

Positive analysis -> quality performance

For optimum performance it is mandatory to know each other's expectations.

Every dental office has its own rhythm and therefore information between the Prosthodontist's office and the Dental Laboratory should be made accessible with a quick and reliable transfer system.

Reciprocal understanding, meticulous analysis, suitable time frame and excellent quality of the final product is the mission of Smaniotto Laboratory!



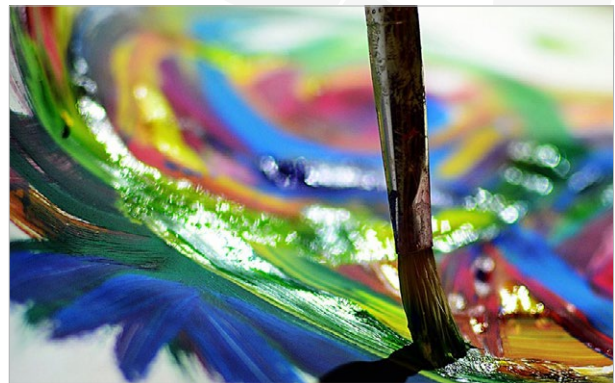


Evolution through changes

We spend our life in three places:

1. **Home:** We don't consider our private home our main reference place anymore : it's too expensive, there are high maintenance costs, we are no " honeymooners " anymore and the kids are gone...
2. **Work ambience:** It has to be adapted to new demands. The old-fashioned idea of a laboratory where machines and furniture were put wherever there was some space - without personalizing them - had to be abandoned.
3. **Leisure places:** They help us to relax and to provide energy for better private and professional performance.

Therefore a new concept in which the workplace is organized according to functional and ergonomic requirements was developed.



Anti-Ergonomics

The work of a lab technician is sedentary, which is typical for professions in the tertiary sector. Our work space should be designed and arranged in an adequate manner taking care of our health.

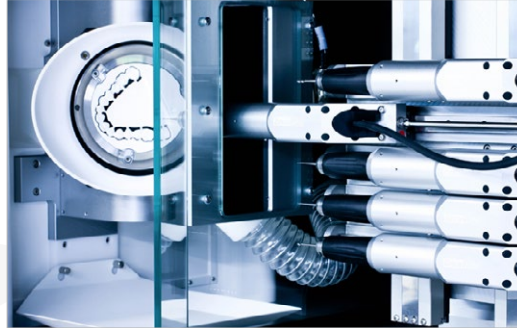
The idea is to place certain areas (fusion/plaster area, kitchen, compressor/aspirator area, deposit) and machines (miller, centrifuge, scanner, cleaner, plating and golding systems...) distant from each other to force the workers to continuously change between a sitting and an upright position.

Ecology

Careful selection of machinery and materials to avoid dissipation of natural and financial resources and to protect our environment is key to us.

PROTECTION OF THE ENVIRONMENT:

- Complete substitution of the pre-existing aspiration system by an unique "DUST DELETING DEVICE", placed outside the working area, sanitizing the air and reducing 90% of acoustic pollution.
- Complete substitution of rotating instruments with a new range of induction instruments that are more silent and easier to use contributing to the reduction of acoustic pollution.
- Complete substitution of the flooring, realized with a sandwich of resins absorbing acoustic noises.



SAVING financial resources:

- Use of A+ machines
- Use of insulating glasses
- Use of new heating-cooling systems with low ecological impact

SAVING natural resources:

- Disposable plasters and coverings
- Use of light-curing resins
- Fusion with electrolytic induction and alternatively new CAD-CAM technology to realize metal structures through selective laser fusion.
- Production of zirconia structures with CAD-CAM technology
- Packaging with recycled paper
- Logistics for delivery/withdrawal

CAD-CAM Hi-Tech

Great attention was paid to Innovative Communication Technologies. Every work place is equipped with a PC for immediate access to the Data Bank and for fast communication with the prosthodontist who can send us images and patient data.

- Information is knowledge
- Knowledge is motivation
- Motivation is realization
- Realization is success





On the other hand it is also possible for Prosthodontists to inquire about the actual stage of the manufacturing process by real-time connection with a Webcam to Smaniotto Laboratory.

Due to our long experience we have selected the best CAD-CAM-system with

- three-dimensional reading and scanning
- digitalization of models
- digitalization of modelled structures with double scan

for manufacturing our dentures and our individual dentures made of metal and zirconia, such as

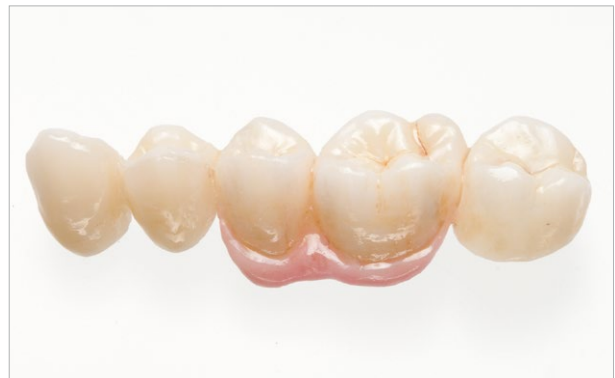
- copings
- caps
- abutments
- bars
- over-structures

Devices produced with our selective laser fusion are the ultimate dental technology innovations.

Through fully automatic fusion (layer after layer) more precise and biocompatible devices are created.

Our system utilizes a thin laser ray with twice the precision of other systems; also enhancing the properties of materials with higher limit of elasticity, higher traction resistance, an improvement of adhesion and superior marginal precision.

The structures in zirconia are milled from various mono-coloured blocks to avoid areas of white spots during refinement of the manufact. The high translucency of the material allows an extremely natural reproduction of the teeth.





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Smaniotto Dental Art Collection



The pleasure of collaborating

Everything starts from here: every prosthodontic device – small or large - requires a reliable and available lab technician; Laboratorio Smaniotto Biotechnologie Dentali in Bassano del Grappa is a direct reference point for every dentist.



The idea is that our work returns
to become part of life, returns to being life,
and is the route leading to the means
to produce good results that are expressed
in “how”, not just in “what”.

Transforming our potentials into awareness
lets us effectively focus on the goals
to reach and the choices to implement.



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