

tiologic[®]
dental implants

Safety and aesthetics
for a good feeling.

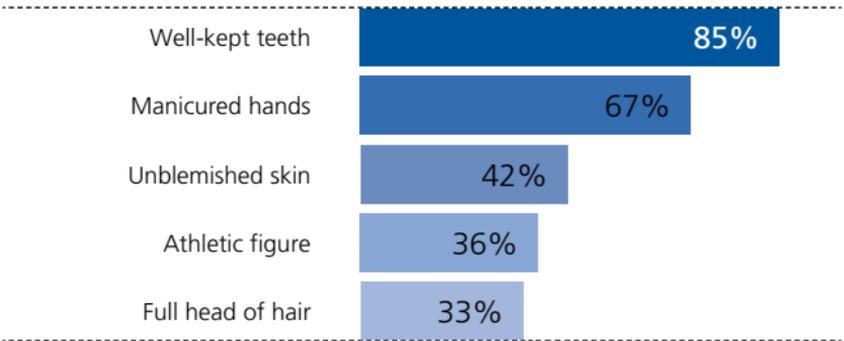


 **DENTAURUM**
IMPLANTS

Beautiful teeth.

The number one feel-good factor

Just what characteristics make someone attractive?



Emnid poll June 2002, 1200 participants, © Colgate



First impressions count, and our teeth play an important role. With a gleaming smile you appear friendly right from the start.

But attractive and healthy teeth don't just make a good impression – they are a sign of a well-functioning dentition. This means you can eat, taste, and speak unimpaired. Attractive, strong teeth are a symbol of health, beauty and youthfulness. They promote vitality and self-confidence.

Just how important beautiful teeth are when facing other people has been shown by many studies.

Beautiful teeth.

Simply more quality of life.

A gap in our teeth may be cute in younger years, but becomes a problem later in life. It makes no difference if you lose a tooth through a sports accident, illness, or age. Whether small or large, gaps are not only unattractive, they impede our life twice fold.

Good appearance. Good feeling.

From an aesthetic angle, a gap will make us feel uncomfortable and insecure.

Healthy teeth. Healthy body.

On the other hand, it involves a long list of disadvantages to health. It is harder to chew food properly; the muscles and jaw are unequally burdened.



This can lead to problems in the jaw joint or even headaches. Also, the absence of pressure around the missing tooth leads to loss of bone mass. This should always be avoided where possible. Under these circumstances it is important to have the gap closed professionally.

Excellent solution.

Implants are ideal for this task. We will now show you what advantages an implant-borne denture has for you and why you will soon be smiling again.

What is an implant.

Implants – the natural solution.

Implants are nothing more than artificial roots. They are implanted or, as the dentist would say, placed to replace missing teeth.

On top of this artificial root, which grows firmly into the bone, there is an exact replica of the missing natural tooth. This is referred to as a superstructure. These parts go together to form the implant-borne denture.

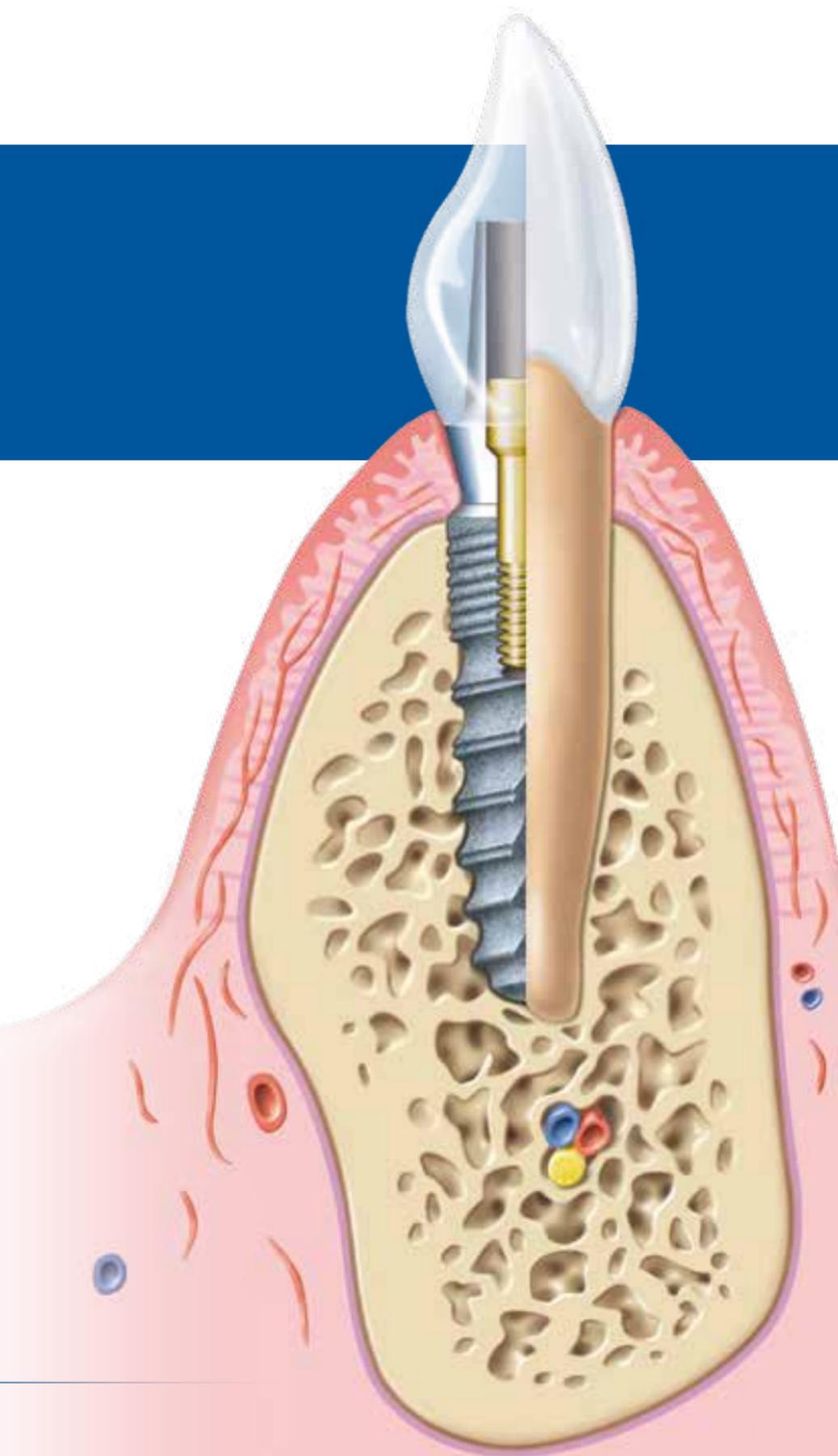
An implant-borne denture attractively, aesthetically and functionally closes all types of gaps in a comfortable way.

Most implants are made from highly biocompatible titanium, a high-tech metal used successfully in medicine for many years.

The teamwork between dentist and dental technician produces a little work of art indistinguishable from a natural tooth.

Despite all this good news, it should be said that dental implants are not suitable for all patients, for example when certain illnesses may impede an implant's hold in the bone. Ask your dentist if implants are an alternative for you.

Please be aware that excellent oral hygiene is a necessity for probably a lifetime of pleasure with your new tooth.



Advantages at a glance.

True to nature.



Perfect Aesthetics

**Dental implants –
feel just like natural teeth!**

- Natural impression.
- Pleasant feeling in the mouth.
- No problem eating and chewing.

More Comfort

- No impediment of speech or taste.
- No trimming healthy teeth.

More Safety

- Firm and secure fit of dentures.
- Saves valuable bone mass.

**tioLogic® dental implants –
tried and tested, secure
and comfortable.**

For an active lifestyle with more quality of living. Ask your dentist how dental implants can improve your life.

Use of implants.

Example 1 – Gaps.

One or more teeth are missing (Fig. 1.1).

Standard solution: Bridgework.

The traditional solution for replacing a single tooth is a bridge. This requires preparing the adjacent teeth. In other words, neighbouring teeth are ground down so they become pillars for the new bridge denture. Otherwise healthy teeth are crowned (Fig. 1.2).

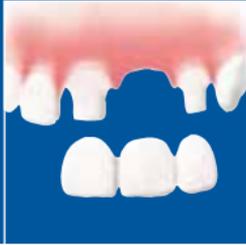
Disadvantages of this traditional solution:

- It requires preparing the adjacent teeth.
- Treatment after fitting the bridge can be problematic.

1.1



1.2



1.3



A better solution: The single implant.
The single implant is a far better solution. A ceramic veneered crown is fitted on to the artificial root structure (Fig. 1.3).

The advantages:

- The tooth is just as secure as one of your own.
- The new tooth looks good and aesthetic.
- No healthy teeth are damaged.
- Saves valuable bone mass.

Use of implants.

Example 2 – The hind teeth are missing.

Several teeth at the end of the row of teeth are missing (free end, Fig. 2.1.).

Standard solution: Cobalt chrome partial denture with clasps.

The traditional solution for replacing several missing teeth at the end of a row is a so-called “cobalt chrome partial denture with clasps”. The denture’s clasps close around remaining teeth and secure the denture in place. To ensure sufficient hold and to better distribute the force of chewing, it is attached to the opposing teeth by a metal connector (Fig. 2.2.).

Disadvantages of this traditional solution:

- The clasps are mostly visible, thus disturbing the aesthetics.
- Poor hygiene – food rest gets entangled in the clasps.
- The metal connector is annoying.
- Imprecise fit and the clasped denture is liable to repairs.

2.1.



2.2.



2.3.



A better solution:

An implant-borne bridge.

The implant-borne bridge is a far better solution. The artificial roots carry a bridge construction perfectly veneered in porcelain (Fig. 2.3.).

The advantages of this solution:

- The bridge sits firmly in place.
- Your new teeth look good and are aesthetic. No bothersome metal connector.
- Simple hygiene.
- Saves valuable bone mass.

Use of implants.

Example 3 – The edentulous jaw.

When you have lost all your teeth (Fig. 3.1.).

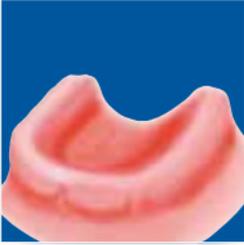
Standard solution: A full denture.

The traditional solution for patients who have lost all their teeth is the full denture. This type of denture remains in place through suction to the gums. This is why the upper denture covers the whole pallet to improve adhesion. It therefore becomes obvious why this denture is plagued with retention problems (Fig. 3.2.).

Disadvantages of this traditional solution:

- Limited fit, uncomfortable.
- The whole palate is covered, impaired sense of taste.

3.1.



3.2.



3.3.



A better solution:

Implant-borne full denture.

The implant-borne full denture is a far better solution. The artificial roots carry a bar which guarantees a perfectly fitting denture. The palate remains unimpaired and the best possible function is achieved. The sense of taste is not effected (Fig. 3.3.).

The advantages of this solution:

- This denture has a far more secure fit.
- No impediment of the palate.
- Saves valuable bone mass.

Still not convinced?

Implants – an efficient solution.





The information above should give you an insight into the various types of dental implants. You see: replacing lost teeth with implants is always the best solution, provided there are no medical concerns or arguments against your individual treatment case.

Highly experienced dentists and dental technicians are the basis for successful and perfect treatment with dental implants. Treatment and surgery are usually quite safe, but complicated nevertheless. It is therefore reasonable that this treatment is more expensive than a traditional solution for your smile. But you shouldn't be put off by this aspect – on the contrary – you are worth it. There are many attractive ways to finance complex dental restorations.

Ask your dentist or medical insurance about such options.

Talk with friends who wear implants and find out how satisfied they are.

If you would like to find out how your therapy might look like, read on.

Treatment procedure.

From examination to documentation.

Step 1 – The examination.

Initially your dentist will carry out a thorough dental examination, for example to establish any caries or periodontitis. If you are suffering from a general illness, it may be necessary to consult your general practitioner. A new x-ray may also be made to establish the state of the bone in your jaw. Based on this diagnosis and its findings, you will have a counselling interview and a cost estimate made.

Step 2 – Surgery.

If your physical well-being and your mouth shows no sign of infection, the operation can go ahead. Then, the jawbone is exposed, the implant receptor site prepared and the implant placed. Finally, the gingiva is sewn back together. Normally, this operation doesn't take too long.

Step 3 – The healing period.

Three to six months will usually pass before the placed implant grows firmly into the bone. Depending on the quality of your bone structure, this may be shorter or longer. During this time, the implant is protected by the gingiva covering it.



Step 4 – Fitting the superstructure.

Before fitting the superstructure, the visible part of the restoration, the gingiva must be moved aside. This takes place under local anaesthetic. Then the superstructure is fitted firmly to the implant.

Step 5 – Checkup.

Once treatment with the implant-borne restoration is complete, it is important that you keep visiting your dentist for regular checkup appointments. Regular checkups will help you enjoy your new quality of life for many years.

Step 6 – Documentation.

After treatment you should receive a patient ID booklet from your dentist to record all important data. This ensures information is at hand, even when you are on vacation, in case any ailments should arise.

Consultation is important.

A person you can trust.

Your dentist.

The decision to have implants is not taken easily, despite the many advantages offered by this modern and aesthetically attractive method of treatment.

Bear in mind that your implantologist is very experienced. He will gladly advise you in detail. Using detailed models or pictures, he can show you just what possibilities are available today.



During consultation, be sure to ask all questions that seem important to you, be it about the method of treatment, possible risks, the time following the operation, or oral hygiene.

This is an important and discerning choice for more comfort and quality of life.

Dentaurum.

Worldwide dental competence
for more than 135 years.

Dental technology setting standards.

Dentaurum develops, produces and sells products for dentists and dental technicians worldwide. The variety of products for dental technology, orthodontics and implantology is unique in the dental world. Dentaurum Implants, a manufacturer of implants, is a subsidiary of Dentaurum.

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As the oldest dental company in the world, we have worldwide experience with high-quality dental products. Our market success is based on consistent implementation of customer and market demands. This is why we are committed to the constant further development of the company and continuous improvement of the quality of our processes and products.



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