

This brochure offers you a first overview of the benefits of a restoration with implants compared to traditional methods for dentures.

If you are interested in further information about this procedure which has existed for more than 30 years, you are welcome to contact your dentist.

Dental practice





Beautiful and functional teeth positively affect your well-being, health and personality.

If nothing else, they influence your private and professional success. Laughing openly, taking a strong bite and being able to speak clearly – those are daily needs, but yet not granted for everyone.

Many people suffer from dental diseases or tooth loss which may be genetically determined, the result of an accident or caused by the ravages of time showing their marks.

However, there is no need to stop smiling now: your well-being can be restored with aesthetic and secure dentures.



New methods of treatment are constantly being developed in dentistry to fulfill the various demands regarding dentures. Not only for aesthetic reasons but also due to functionality, it is important to leverage the valuable scientific findings. To 'close the gap', entrust yourself in professional hands – as soon as possible:

Every single tooth is indispensable for the complete functioning of the whole set of teeth. If one is missing, the adjacent teeth may shift over time as a result of the chewing pressure. Also, the antagonist tooth seems to grow into the gap as a result of the lacking counter bite. In the long run, this loss may lead to an atrophy of the bone and soft tissue.

Get to the root of the problem and profit from more than 35 years of experience with dental implants. They perform the task of natural tooth roots and provide a solid foundation for dentures. This prevents the resorption of bone and soft tissue.

With an artificial tooth on a strong abutment, which fully matches nature in its function, quality of life is restored.



A dental implant is a small screw which is placed (implanted) into the the bone and thus replaces the missing natural tooth root. It consists of biocompatible metal – highly pure titanium.

After a healing time of approximately three to six months, the bone has grown to the implant and the actual denture can be fixed on the implant. It is now deeply rooted and offers secure hold – like an anchor – for a single crown, bridge or dental prosthesis.

The main field of application of dental implants is the single-tooth replacement: after the healing period, a crown is placed on the implant.

Additionally, an implant can also function as bridge abutment, if a natural tooth is missing in the particular position.

As a stabilizing anchor for dental prosthesis, adhesive promoters become redundant and the comfort in wear is increased: due to the strong bond, the 'new' teeth will feel like your own.



There are several methods to replace one or more missing teeth. The traditional option is the well-known bridge. This restoration is attached to the healthy adjacent teeth to provide optimal grip. This requires a filing of those teeth and valuable, healthy tooth structure is lost in the process.



The implant restoration, however, leaves the healthy teeth untouched. The denture is fixed with a new, artificial root – the implant. This is the most advanced method with results that come closest to the natural ideal situation.

For dental prosthesis, there are also different kinds of fixation. Removable full dentures, which only stick to the oral mucosa by suction-adhesion, are disadvantageous. The bone degenerates, the adhesion is decreased and pressure points may occur. Dental prostheses, which are fixed with clasps or dental plates, are unpleasant as well: the prosthesis remains a foreign body.



In contrast, implants as an alternative solution for anchorage procure safety while speaking, laughing and eating. You maintain your naturalness and self-confidence.



Tooth gaps may be genetically determined, caused by a disease or an accident. A dental implant substitutes the missing natural tooth root. A single crown imitates the original tooth in terms of form and function and is screwed onto the implant: you regain your natural appearance and the usual function of a healthy tooth.



If several adjacent teeth are missing, an implant-supported bridge is recommended. Both ends of the bridge are fixed to implants that function as abutments. Thus, the filing of the healthy adjacent teeth is avoided.



In the same way, fixed dental prostheses are attached. Removeable dentures, however, are not permanently fixed on the implants. Different kinds of solid connectors ensure safety of wear. These include connection bars between implants, ball clasps on implants functioning like snap fasteners, strong magnetic anchors or tapered connectors. They are screwed onto the implant and serve as a fixation for the dental prosthesis. The key: they are invisible later.





At the beginning of the rehabilitation with implants, a consultation with the dentist is scheduled. He will analyze your oral condition in detail in order to consult you individually. With the aid of X-rays, bone supply and quality of your bone are examined, the exact implant position is determined and the implant type suitable for you is chosen.

In an outpatient surgery with local anaesthesia, the implant is inserted. In the following weeks, the bone will grow to the implant.

After completion of this healing period, the denture can be attached to the implant.

For a long-term treatment success, several medical and dental premises play an important role and have to be checked by the dentist beforehand: an alcohol, nicotine and drug dependence or the regular use of a certain medication increase the risk of implant failure. The survey of bone supply and quality of your bone as well as the exact planning of the implant position are enabled through X-ray images.

The lifetime of dentures significantly depends on thorough oral care – this is also the case for healthy teeth. Your dentist will inform you about the adequate oral hygiene. Furthermore, the visits in your dental practice for regular checkups are important.



The long-term success of implant-supported dentures concerning exact function is based on a broad product range of precision parts. The implant systems of Servo-Dental offer the necessary parts for every solution – a freedom of choice which is not provided with every system. This enables your dentist and the dental technician to meet your individual needs suited to your anatomy – even if you decide on another implant-borne denture after years.

Servo-Dental has existed for more than 35 years and has constantly developed and optimized its products, which are all made in Germany, in close collaboration with implantologists.

New standards were set with the *Trias*<sup>®</sup> implant system: clinically tested and scientifically documented elements were combined in one dental implant. Particular emphasis was placed on the selection and the processing of the materials. For example, the surface of the implant made of pure titanium is specially treated to prevent any contamination.

Servo-Dental keeps dentists and implantologists constantly up to date with programs for continuing education and remains at their side as a competent partner.

Innovation and experience are the pillars of the technological solutions of Servo-Dental you can rely on.