

WHO DO WE ADVISE TO TRY DENTAL IMPLANTATION?

To all patients who choose this solution and who have no contraindications. However, implant-based tooth replacement is only recommended to those people who have proper mouth hygiene and are willing to follow the mouth hygiene

rules proposed by the dentist. Crucially for the success of the implantation, alcoholism, drug addiction and heavy smoking represent serious risk factors. Certain diseases can reduce the chance of success - like untreated diabetes, cardio-vascular diseases, and some other conditions. Implantation cannot be carried out before the end of the jaws' growing period (until about the age of 14). If you are interested, consult your dentist for more details!

WHAT IS THE LONG-TERM SUCCESS RATE OF DENTI® IMPLANTS LIKE?

Denti® dental implants have been used in Hungary for more than 30 years. Several tens of thousands have been implanted during this period with great success. Specialists of the Denti® Implant System have established with records of more than 4000 implants, covering a test period of 10 years, that the rate of successful implantations were above 97%. Dental implantation as an up-to-date tooth replacement method has become an integral part of everyday dental practice. With the co-operation of doctor and patient and with the use of a good implant system we can achieve a tooth replacement equal to natural teeth and the healthy, comfortable feeling you need to carry on your everyday life. The Denti® Implant System is regularly used in Europe by more dentists and oral surgeons. Several thousands of these up-to-date dental implants are placed every year in Hungary and abroad. A high success rate with their application is widely acknowledged both by dental patients and practitioners.



ISO, CE, WARRANTY

Denti System Ltd. has conformity to MSZ EN ISO 9001:2009 & MSZ EN ISO 13485:2004. Denti® products are CE marked. All Denti® products undergo strict testing by the Quality Department. Denti System Ltd. commits itself to a 10-year warranty after purchase to substitute its implants. The procedure for substitution is detailed in the Product Catalogue.

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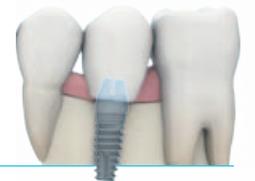
GET YOUR PLEASANT HEALTHY SMILE BACK!

Loosing teeth is a problem for all of us. We cannot chew well, we feel uncomfortable, and we are depressed about how we look. Traditional tooth replacement is not always able to solve these problems fully. In such cases the best solu-

tion can be a tooth replacement based on dental implants. This up-to-date tooth replacement method substitutes missing teeth with the help of artificial tooth roots (dental implants). An implant-based prosthesis is just as strong, useable, and attractive as your original teeth. The Denti® Implant System offers for these cases highquality, world-class dental implants at a very reasonable price.



PATIENT GUIDE



WHAT IS A DENTAL IMPLANT?

Dental implant is an artificial tooth root made of a biomaterial, which is placed in the socket of the lost teeth to carry a tooth replacement. The material is generally pure, unalloyed titanium, which is completely accepted by the human body. Denti® dental implants are also produced from pure, unalloyed titanium designed for medical use. Denti® dental implants have been developed on the basis of 30 years of theoretical and practical experience, and comply with the most rigorous European standards. With a good implantation and a properly prepared prosthesis, implants can remain effective and last a lifetime.

HOW DOES IMPLANTATION TAKE PLACE?

1. During preliminary examinations the doctor checks the patient to decide if placement of dental implants can be carried out. This includes a dental examination (which teeth must be substituted, if the jaw is suitable for receiving



the implants, taking of X-ray shots, etc.), and general medical examinations (like laboratory tests). Then comes the planning of the replacement during which the dentist consults the patient on any possible problems (how many implants would be needed, if the patient wants a temporary replacement during the period of osseointegration, the expected costs of tooth substitution, making a schedule, etc.).

2. The insertion of implants is carried out under local anaesthesia. First the dentist prepares the given part of the jaw, then inserts the implant. The suture is removed one week later, and following this implants begin to heal under the gums.

3. The healing period lasts for about 3 months. During this time bone cells grow into the micro-pores created on the surface of the implant. This process is called osseointegration, and ensures the implants fix in place and become able to support a normal biting load long-term without any damage.



4. Then the tooth replacement is fixed onto the implants. First the implants osseointegrated under the gum are uncovered, then abutment pieces are fitted into them to support or retain the replacement.

Following this, the prosthesis is prepared in the dental laboratory in a short time in the usual way.

5. Contact between patient and dentist does not stop here, with placement of the new teeth. Among the most important criteria for long-run success in dental implantation are good mouth hygiene and regular medical check-ups. Patients wearing implant-based tooth replacement must regularly attend examinations once a year. Then the dentist verifies the state of the attachment of the bone and of the mucosa around the implant(s) and that of the tooth replacement, and makes the necessary corrections (e.g. removes plaque). Note: If you notice any change, attend a check-up examination as soon as possible.

WHAT ARE THE ADVANTAGES OF IMPLANTATION COMPARED TO TRADITIONAL TOOTH REPLACEMENT?

In case of one or a few missing teeth in the middle of the row the replacement can be prepared by the substitution of the root of the lost teeth, while traditional prosthetics can only



solve this by damaging neighbouring healthy teeth. Implants provide a way to create a fixed prosthesis also in cases when traditionally only a partial removable denture could be prepared.

In these cases implant-based tooth replacement provides more stability and better chewing strength than traditional solutions. Besides feeling physically better while eating, the patient feels psychologically better because of looking better. All these factors together improve the patient's quality of life.

In case of total edentulism implants can serve as abutments to fix or retain a prosthesis in different ways.

Implants can be used to stabilise the removable prosthesis (with the help of ball-headed attachments or retention bars), or a sufficient number of implants can fix a complete artificial row (bridge or overdenture). The fixing of the tooth replace-



ment onto the natural teeth or implants can be done by cementing or screwing (when the prosthesis is made to be removable by the dentist). When applying Denti® implants individual needs can be fully taken into consideration. With

the use of the different elements of the Denti® System tooth replacements can be prepared from the most up-to-date materials with the best technologies available.