



Beautiful smile for life

A guide for patients





"It's never too late for a beautiful smile."

BEAUTIFUL TEETH FOR LIFE

Everybody knows that fully functional and esthetic teeth are an important part of a full life. You can lose one or more teeth during your life for many reasons. This can be as a result of caries, periodontitis, an accident, or because teeth may fall out as a part of the aging process.

Now there is a modern replacement for your missing teeth – BioniQ and IMPLADENT implants. These implants cannot only fully restore the physical function of your teeth, but they can also solve psychological and social problems. Your „new teeth“ will not only look good, but will also restore the delight of eating and speaking.

*If you choose
LASAK implants, we
believe that you will
be satisfied with them
for many years.*

HOW HAVE TEETH BEEN REPLACED TO DATE?

The most common methods of treating lost teeth are dental bridges and dentures, which can help to a certain extent, but both methods also have considerable disadvantages.

Bridge

A bridge needs two firm supports. To build them, two healthy and fully functional teeth, that are irreversibly damaged by grinding and can no longer fulfil their original function, must be used.

Total tooth replacement

Over time, a denture will fit less and less well. In some patients, the reason for this is the progressive loss of the jawbone tissue under the denture, while others may experience hypertrophy of the oral mucosa under the denture. The wearer of a loose denture is unable to chew food properly, which can subsequently cause severe disorders of the digestive tract. In addition, the denture may also inhibit the patient from enjoying a full social life.



"I definitely wouldn't have made any other choice."

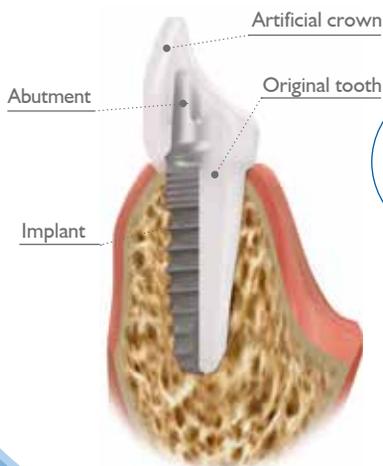
NADA, customer service

"There has always been a missing tooth on each side of my mouth. Not only were the empty holes unsightly, but the neighboring teeth also had a tendency to fill those empty spaces, which led to malformations. Besides implants, my dentist suggested bridges, although he warned me that the procedure would be very complicated and would require invasive grinding of the healthy neighboring teeth. I therefore opted for implants. The whole restoration took approximately three months. I am absolutely satisfied both from the functional and esthetic point of view and I'm sure I definitely wouldn't have made any other choice," says Nada. "It is impossible to visually distinguish my new teeth from the old teeth and, in addition, my teeth now look much healthier."

THE MODERN SOLUTION FOR DENTAL RESTORATION

How do **IMPLANTS** work?

An implant is an artificial replacement of the tooth root, inserted in the jawbone, to replace the missing root of the original tooth. Together with the abutment, it creates a base for attaching the crown. The implant is made of titanium, which is not rejected by bone tissue. On the contrary, it creates a direct and tight bond with it.



The implant has the same strength and full functionality as the original tooth.

SINGLE tooth restoration

The implant has the full functionality of the original tooth and no one can see the difference.





“After my implants were fitted, I could laugh again.”

ALENA, lawyer

“My troubles with teeth first began somewhere around the age of seven. Permanent lateral incisors in the upper jaw had never erupted. The negative effect of the missing teeth eventually led to a complete removable denture in the upper jaw and a bridge in the lower jaw. It was very uncomfortable and I had real trouble even eating, let alone laughing,” describes Alena her dental problems. “I knew that this wasn’t the way to go and I decided for implants. LASAK implants had been recommended to me and they proved to be a great choice. I’ve just undergone a complete restoration of my teeth. I am really happy with the implants and fixed restoration. My son exaggerates that after 20 years, I am finally able to laugh.”

MULTIPLE tooth restoration

One option is an implant-supported bridge. It is not necessary to prepare the healthy neighboring teeth and the implants also prevent bone loss and deformation of the face.



FULL-ARCH restoration

Implants can also be used as a solution for the loss of all teeth. Thanks to the perfect healing of the implants into the jawbone, there is no need to worry about the teeth staying in place.





"I can sing thanks to my new teeth."

JANA, singing teacher

"I am a singing teacher and teeth are vital for me. Without teeth, you cannot articulate or sing notes. The correct position of the teeth also affects breathing during singing. And I need to demonstrate all of the above to students in my lessons," explains Jana. "Esthetics are also important in my case too, as I still perform on stage. I started experiencing problems with my teeth roughly 15 years ago. A traditional bridge, however, was not comfortable and it also limited me significantly in my profession. So I decided to undergo a complete restoration of my entire dentition with implants. At the time of the surgery, I was already an elderly person and the dentist had to think carefully about whether to treat me with implants, but it turned out that my jaws are absolutely fine, so there were no obstacles for the implantation. I am totally delighted with my new teeth."

What is the **TREATMENT PROCESS** like?

First, the implant, in the shape of a small screw, is inserted into the jaw in place of the removed tooth. As soon as the implant has healed over the following weeks, the abutment is fixed onto the implant. (The abutment protrudes from the gum.) An artificial ceramic tooth, indistinguishable from the original one and with a strong bite, is then fixed onto the abutment.

If you take good care of your implants, it is highly probable that they will last for the rest of your life.

Is the treatment **PAINFUL**?

Absolutely not. Implant insertion is a regular procedure. It is performed in the dentist's surgery under local anesthetic. The insertion of one implant takes approximately fifteen minutes.

Are implants **SUITABLE** for me?

Our implants are recommended for anyone. They are as suitable for young people who have lost one or more teeth due to an injury, as they are for the elderly. They help fill both smaller and larger gaps, and they can also be used in a completely toothless jaw. The specific application should always be chosen by the dentist with regard to the patient's overall state of health.

How long do implants **LAST**?

To a certain extent, that depends on you. You should pay especial attention to correct oral hygiene and visit your dentist regularly. Poor oral hygiene together with inflammation of periodontal tissue can lead to implant failure.



"I would recommend implants to anyone."

LASAK – WORLD-CLASS IMPLANTS

LASAK's implants – both BioniQ and IMPLADENT – provide perfect functionality, are long lasting and look natural. They are the most widely used implant systems in the Czech Republic, and are also used in more than 20 countries.

The hydrophylic, bioactive surface of the implants, developed by LASAK, considerably reduces the healing period and the length of the overall treatment. In some cases, LASAK implants can be loaded immediately after insertion. Clinical studies demonstrate a 98.8% success rate for implant healing, which makes them world-class products.

The LASAK BIO-surface was the first hydrophilic bioactive surface of titanium implants on the market. This concept of surface treatment was soon adopted by leading world manufacturers and is now used all over the world.

PAVEL, economist

"If I knew how implants would make my life easier, I would have definitely opted for them much earlier," says Pavel. "I had been using a removable denture for two years, but its functionality was far from ideal, not to mention the loss of sensitivity. Sometimes, I forgot that I could not even bite into a bar of chocolate, so I was a frequent visitor to my dentist for to various 'repairs'. It was comfort and functionality that were the main criteria for me. I have had a complete fixed restoration in my upper jaw and I am completely satisfied. I would recommend implants to anyone."

If you are considering insertion of dental implants, it is always necessary to consult your dentist. People with certain chronic diseases may experience poor acceptance of implants. However, without professional evaluation it cannot be said that implants are not suitable for a particular person. It is always necessary to have an expert evaluate each case on an individual basis.

Many people suffer from periodontitis, where the key problem is the loss of bone tissue. The LASAK company has developed a bone regeneration material, which serves both as a stimulus and a matrix for the formation of new bone tissue. In cases treated this way, dental implantation can be then performed later.

THE MOST WIDELY USED IMPLANTS IN THE CZECH REPUBLIC

LASAK has been awarded the prestigious Scientific Award “Ceska Hlava 2010” (Czech Brain), in the category Industry, for its innovative bioactive surface for dental implants as the best technological and product innovation in the Czech Republic. Both the BioniQ and IMPLADENT implant systems are treated with LASAK’s BIO-surface.



BENEFITS OF LASAK IMPLANTS

- Short healing time
- Fast and painless implant fitting
- Personalized esthetic solution
- The stability and strength of new teeth
- A life-long solution

Ask your dentist



LASAK Ltd.

Českobrodská 1047/46 • 190 01 Prague 9 – Hloubětín • Czech Republic
tel.: +420 224 315 663 • e-mail: info@lasak.com • www.lasak.com