



DENTAL IMPLANTATION — MODERN APPROACHES

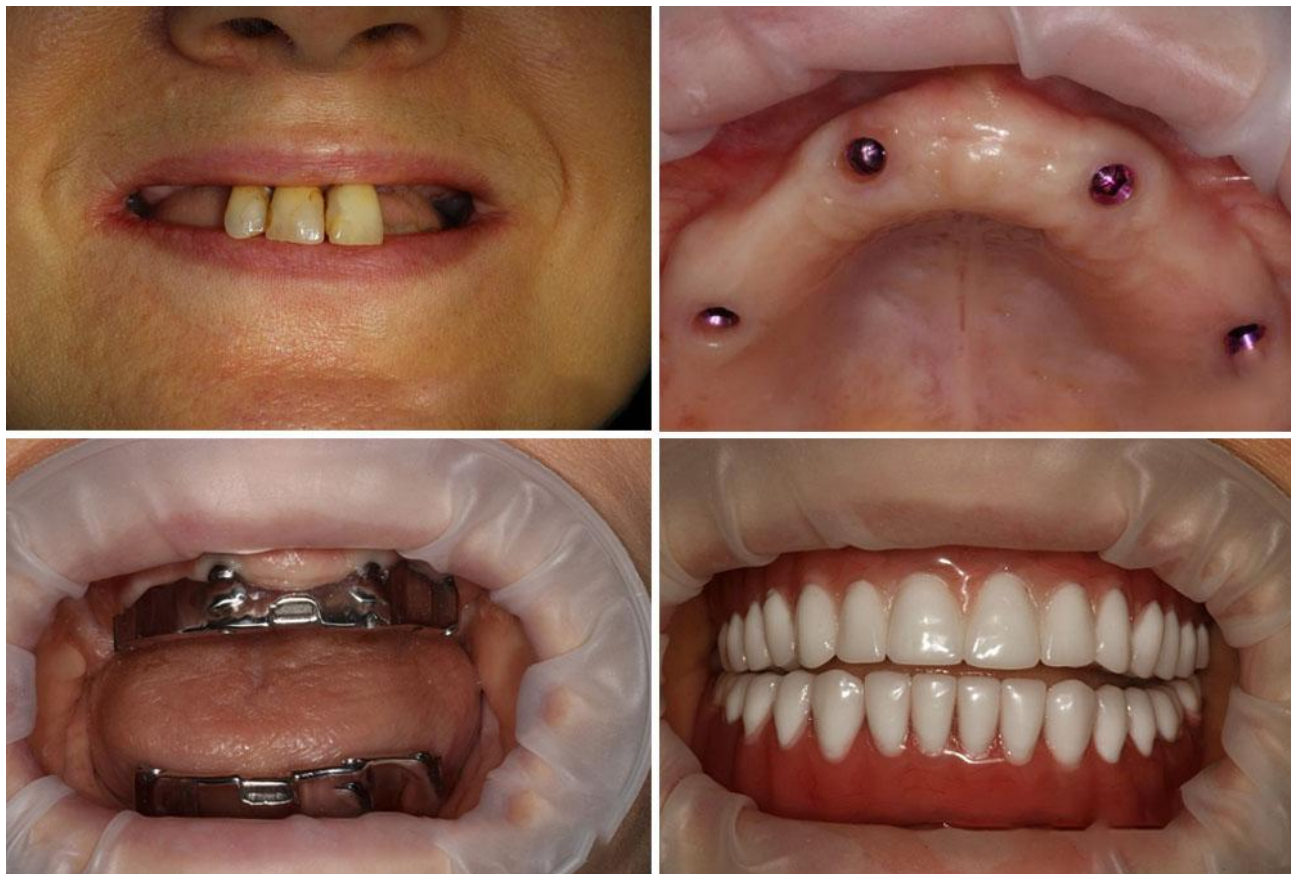
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Dental implantation — what is it?

Implantation is a procedure for the installation of a tooth implant and subsequent fixation of the crown. This technology is used if one or more teeth are missing. In addition, implantation is used for total tooth loss. This is a fairly simple and painless manipulation. A crown is fixed on the implant ("artificial root") installed in the area of the missing tooth, which is externally indistinguishable from a natural tooth. With proper treatment planning, high-quality implant placement and careful dental care, its "life" is unlimited. In the practice of implantology surgeons, there are cases when an implant has served for more than 35 years!

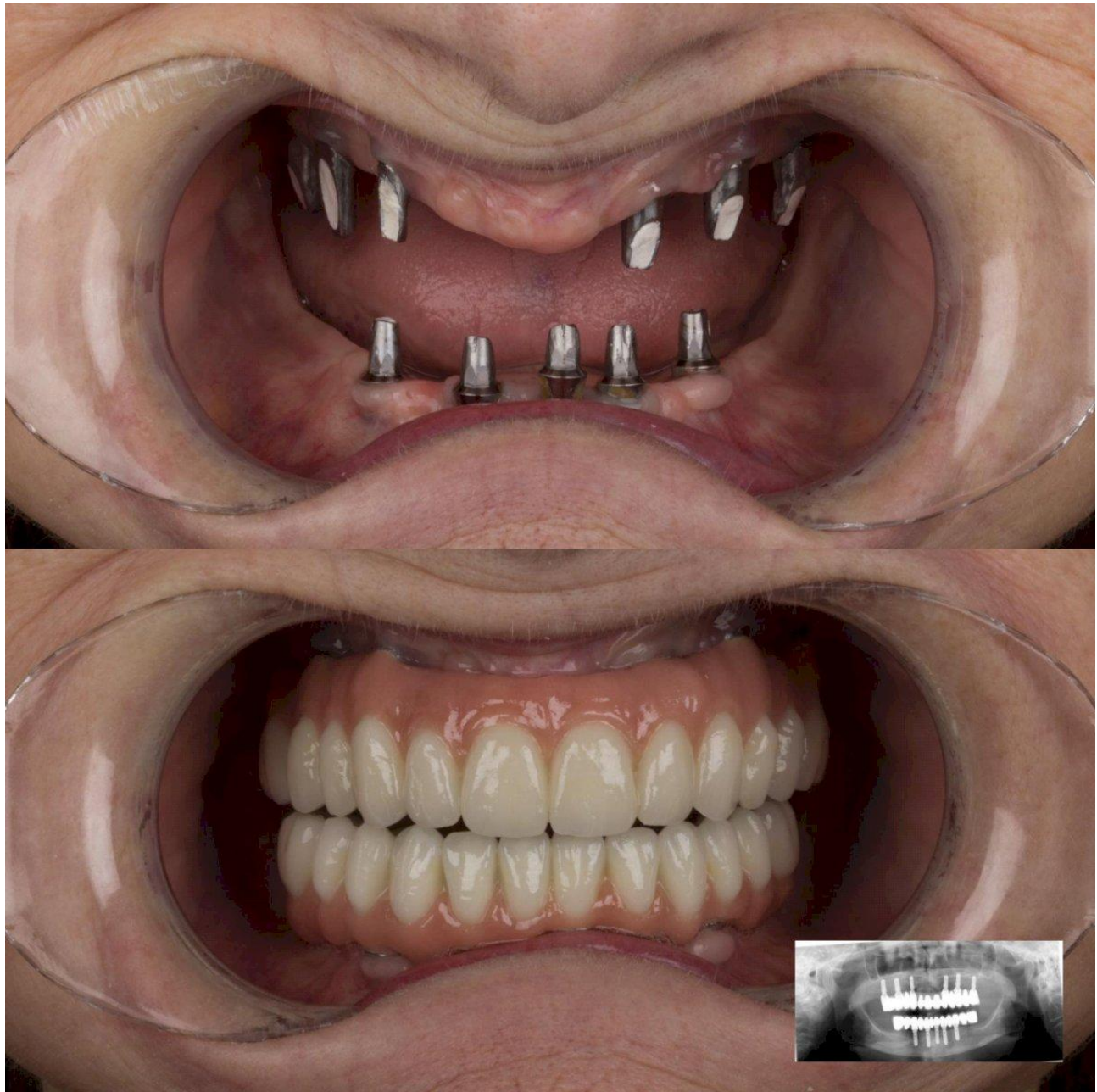




When do I need an implant?

We often think that the loss of one or two teeth does not entail any consequences for our health, especially if these are chewing teeth. This is a myth. In fact, the absence of even one tooth entails a lot of negative consequences.:

- if there is a prolonged absence of a tooth, the adjacent teeth become mobile, move, trying to occupy an empty space — this affects the bite. Over time, the absence of teeth leads to a change in facial features — possibly sunken or drooping cheeks, chin, premature appearance of facial wrinkles in the lip area.
- the quality of chewing food decreases, which can lead to problems with the gastrointestinal tract.
- the absence of front teeth is an aesthetic problem that can become psychological.
- diction problems. Speech becomes slurred, articulation is disrupted.



Advantages of dental implantation

It is known that an alternative to implantation is prosthetics with bridge-like structures ("bridges"). However, today this method is outdated and has no advantages over implantation. What makes implantation better?:

- no need to grind nearby teeth
- implantation does not allow bone tissue to atrophy (atrophy occurs after tooth loss)



- there is no need to monitor the diet, you can eat any food and not experience unpleasant discomfort.
- dental implants do not put pressure on the gums
- A dental implant does not differ from a natural tooth in appearance and looks aesthetically pleasing.

Dental implants can last a lifetime with proper care.

Disadvantages of "traditional" prosthetics

- food gets clogged under the dentures, which is difficult to clean.
- structures tend to loosen and fall out over time
- Healthy teeth under dentures deteriorate quickly as a result of overloading, so they are removed over time, and the orthopedic structure increases in size. Thus, after a few years, there may not be a single tooth left in your mouth.

Prosthetics look less natural aesthetically and can cause discomfort when eating.

Contraindications to implantation

There is an opinion that implantation is a very complicated procedure and it has many contraindications. As with any other treatment method, there are contraindications, but there are not many of them. Main:

- the patient's age is up to 22 years (bone growth must be completed)
- addictions (alcoholism, drug addiction)
- tuberculosis
- malignant neoplasms of internal organs
- diseases of the blood and hematopoietic organs
- diseases of the oral mucosa (for example, chronic stomatitis, lupus erythematosus, etc.)

, Many contraindications are relative, i.e. with remission (stabilization) of the disease, implantation can be performed.



Patients suffering from type 1 diabetes can often also have an implant if their health condition is under control.

Of course, the doctor will tell you about all the contraindications at the reception.

Does implantation hurt?

Implantation is not a painful procedure. The manipulation is performed under local anesthesia, which is very effective and completely eliminates the occurrence of pain during treatment. If a large—scale implantation (several teeth) is to be performed, then sleep treatment may be recommended - under "general" anesthesia.

After the intervention, there may be minor discomfort, which disappears if you take painkillers.

Stages of dental implantation

Before making a decision about implantation, it is important to know what steps you need to go through before beautiful new teeth appear in your mouth.

Traditionally, implantation consists of the following steps:

- The first stage is preparatory (diagnostic). The implantologist will conduct an examination, find out if there are absolute contraindications to the operation, collect an anamnesis and draw up a treatment plan. In some cases, it is necessary to carry out a number of laboratory tests and perform dental hygiene 3-5 days before the operation.
- The second stage is the tooth implantation itself. During the procedure, which lasts 20-40 minutes, the doctor installs a titanium implant (a screw that plays the role of a tooth root) into the jawbone. After the operation, the implant positioning is monitored. The doctor also decides on the possibility of installing a temporary crown on the tooth. After implantation, a permanent crown is installed immediately or after some time (3-4 months). Whether implantation with immediate loading is possible in your case (a permanent crown immediately after the installation of an artificial root), the doctor will tell you at the consultation.

Implantation of multiple teeth

Let's figure out how to install multiple dental implants.



The patient's condition and the number of lost teeth affect the choice of treatment strategy. For example, if five adjacent teeth are lost, five implants can be installed. Or three or four implants are installed, on which a bridge-like prosthesis is put on. From the point of view of aesthetic appeal, the first option is more correct, but the second option is more economical.

In addition, when installing two or more teeth, a time frame is required — the interval between the installation of the implant and the crown is 3-4 months. Following this condition avoids rejection of the implant.

Dental implantation. Deadlines

It takes time for the implant to integrate into the bone. This phenomenon is called osseointegration. It is believed that the time period of fusion for the lower jaw is 3-4 months, for the upper jaw — 5-6 months. Only after this time (in most cases) is it possible to install permanent crowns.

Dental care after implantation

Oral care after implantation is carried out in the same way as usual. It is necessary to use dental floss, in some cases superfloss, an irrigator or a monopuckle brush with one row of bristles. Due to the fact that plaque accumulates faster on unnatural surfaces, it is necessary to carry out hygienic brushing of teeth once every 6 months. All home hygiene products will be selected by your doctor.

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