


Overview

Gold implantation

Emergency medicine
Manual medicine/Chirotherapy
Sports medicine
Osteopathy (DAAO)
Pain therapy
Physical therapy
Acupuncture

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dr. daubenspeck



Gold implantation is an **alternative treatment** of **degenerative joint diseases**, as well as **chronic inflammatory changes** of the musculo-ligamentous apparatus.

The intervention is performed on an outpatient basis, i.e. an overnight hospital stay is not needed. The procedure is carried out under local anesthesia and involves the introduction of tiny, custom-made golden elements (**patented Berlock® implants**) into the area around the joint (into subcutaneous fat tissue, tendon attachments or capsular ligament) with the aim of a significant and lasting pain relief.

This implantation procedure is not covered with the state or private health insurances, and is therefore to be paid as an **elective medical service**, according to the tariff table GOÄ.

We will be happy to inform you about the chances, risks and cost of the therapy, proceeding from your individual disease pattern.

Patient information

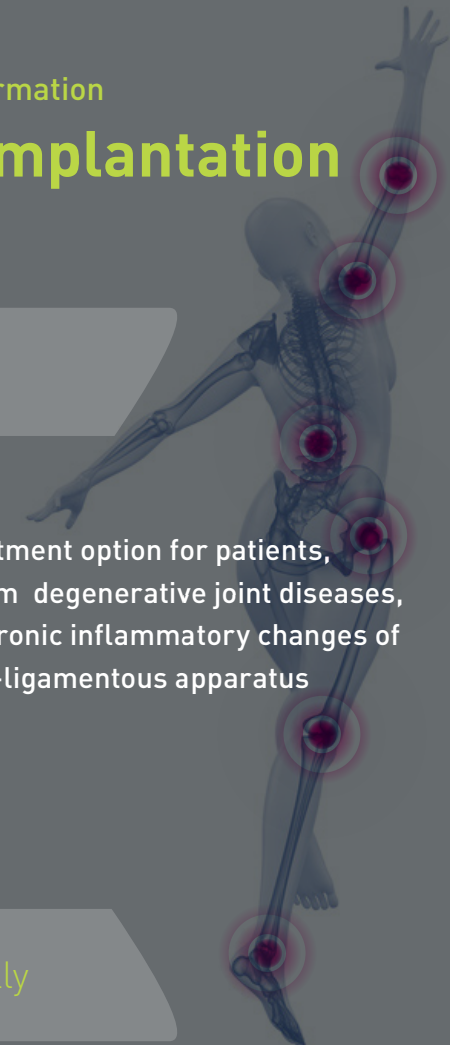
Gold implantation

This is a treatment option for patients, suffering from **degenerative joint diseases**, as well as **chronic inflammatory changes of the musculo-ligamentous apparatus**

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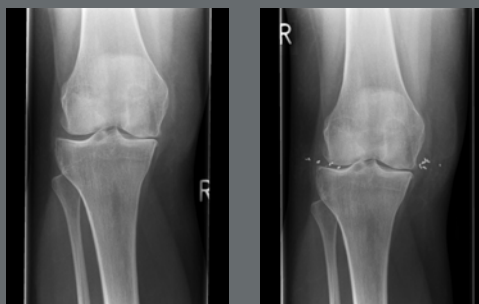
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In which case can this treatment be applied?

This treatment is, basically, indicated in patients, suffering from degenerative joint changes, but is also efficient for all kinds of inflammatory diseases of the capsule/ligament system.



Gold implants in patient with knee osteoarthritis: before and after the procedure

How does it work?

The anti-inflammatory effect is achieved due to the gold ions (microscopic electrically charged gold particles), released from the surface of the gold implants due to the interaction with the body's own cells. The effect of gold ions on inflamed tissue has already been widely scientifically researched.

When does the relief appear?

The positive effect occurs in 70-90% of all the cases of gold implantation. In some cases, the relief appears after a few days after the procedure. Mostly, however, the therapeutic effect is achieved within the following six weeks after the gold implantation. In rare cases, the result has to be waited for about 3-4 months.

How long does the relief last?

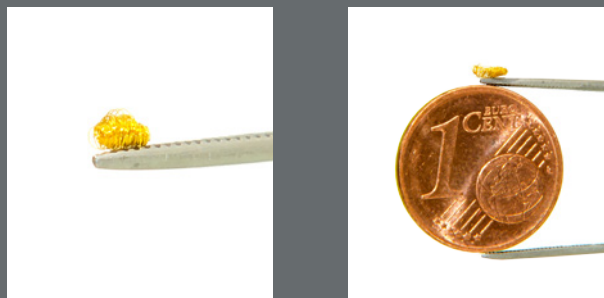
Fading of the effect has been not reported in patients, who underwent the gold implantation in an affected joint. Therefore, based on the available data, we can speak about permanent effect from the gold implantation. However, the possibility still cannot be ruled out that the joint disease process may eventually affect other joints, which would require new therapeutic interventions.

Will I get rid of all the disease symptoms?

It should be noted that the implantation of gold aims at pain relief. Joint stiffness may, however, due to mechanical reasons, stay at the same level. In most cases, the implantation of gold results in better joint mobility, alleviates pain and thus, improves the patient's quality of life.

Are there any known incompatibilities or side effects?

There have been no clinical reports about risks or side effects, associated with this procedure. As any surgical intervention, there are certain risks invol-



Berlock®-Goldimplants, size comparison

ved in this operation itself and specific possible complications. The individual risks are clarified during the personal consultation.



Gold implants in patient with vertebral joint arthritis

Is it possible to easily remove the implants out of the joint?

The gold implants cannot be removed; they remain in tissues over a long period of time. This, however, does not affect the possibility of further interventions (e.g., total knee arthroplasty, etc.).

How much does the treatment cost?

This kind of treatment is still not covered with the state or private health insurances, and is therefore to be paid as an elective medical service, according to the tariff table GOÄ.

The number of implants depends on the complexity of the disease and is determined on an individual basis. Apart from the cost of implants, one should as well keep in mind costs of X-ray diagnosis, cannula costs, etc. The cost of treatment varies, depending on individual indications of a patient. After the necessary diagnostic procedures, we provide the patient with all the necessary information as well as a detailed cost estimate of the proposed intervention.