

What is Discogel?

Discogel is an implant, which is injected to the disc with a fine needle. Different approaches can be made depending on the region where the herniated disc is located.

For example, for cervical cases it is injected from anterolateral area and for thoracic and lumbar cases, it is injected from posterolateral area.

Discogel may reduce intradiscal pressure and even in long-term the size of herniated disc.

It does also act as a barrier between mediators inducing pain and the nerve roots as well as the vascular system. It does also have supportive effects on the damaged disc as an implant.

How is Discogel injected?

One of the most interesting and important properties of Discogel is its ability to gelify when in contact with the water content of the disc.

In other words, when injected, liquid Discogel is converted into a flexible cotton metallic implant that can be detected with various radiologic apparatus such as C Arm, fluoroscope, CT scan...

Discogel injection can be done with local anaesthesia, and never requires general anaesthesia (GA). Therefore, risks and complications of GA can be avoided.

How long is the hospitalization period?

Discogel injection is an outpatient procedure. The patient can walk one or two hours after the injection and

be even discharged within a few hours.

Important Note

During the injection process, you may be able to observe the path of needle and the steps of Discogel entrance to the disc.

How long does it take for Discogel's effects to be apparent?

Pain behaviour and feeling depend on various factors. This is the reason why the degree of tolerance differs among individuals.

Despite this fact, in general the pain relief appears between three to six weeks after the injection. Even though walking is allowed a few hours after the injection, light exercise, short distance driving, and hydrotherapy is allowed after three to six weeks with the physician's permission.

However, the practice of intense exercise, swimming, long distance driving... can be started and gradually increase two months after the injection with the physician's permission.

Is it necessary to wear cervical and lumbar braces and belts?

It is usually not necessary but in some cases the physician may recommend it.

What is the success rate of Discogel?

Many papers have been published in different scientific journals. Almost all of them reported a success rate (good and very good) of more than 91.4%.

In cases with severe complicated herniated discs such as lumbar canal stenosis, the success rate is between 82 to 84%.

Very Good: Absence of pain, no limitation, come back to professional activity

Good: Intermittent pain, trifling limitations, come back to professional activity

A study shows that from 276 people injected with Discogel, only two people needed surgery (0.7%). This is a very satisfactory result for Discogel.

What are the advantages of Discogel?

The possibility to repeat the injection if needed

-The absence of complications such as allergic reactions, infections, scar formations, adhesion...

-The possibility to use it on cardiac, pulmonary, hypertensive... cases

-If for any reason surgery is needed, the injected Discogel has no

interference with it-Very advantageous from an aesthetic perspective, since it does not cause any skin scar formation

What is the likelihood of recurrence of disc herniation after Discogel injection?

According to prospective studies in the past 7 years, no recurrence of disc herniation has been reported.

It is important to note that even

in case of recurrent disc herniation, Discogel may be re-injected.
How durable is Discogel treatment?

Because Discogel is an implant in disc location, it has a lifelong permanency.

Is there any danger of Discogel dislocation or movement?

Since Discogel penetrates into the damaged area of ruptured discs, it becomes a permanent prosthesis, there is, therefore, no risk of dislocation and movement.

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