
Pelvi Center Side Effects

Device: QRS 1010 PelviCenter V 1.2
Release company: QRS International AG
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1. Introduction

In the following comments, I will concentrate on the stimulation of peripheral nerves with magnetic fields, and in addition on the stimulation of muscle groups in the urogenital track, as it is done by the PelviCenter or by other competitive products. .

Stimulating peripheral nerves, either with electrical currents or with magnetic fields, is in principle not a new technology. Different approaches are applied in medicine already more than hundred years. The medicine can therefore draw on a long period with practical experience. We are not entirely in new territory on the road.

If you have a look to the different documentations of the manufacturers or testimonials, all of them, or at least the overwhelming majority of them says, that there is **no side effects**.

We know that this not true. There are no medical procedures that have basically no side effects. Of course, there are procedures that point inherently more severe side effects like others. And for sure, the magnetic stimulation of pelvic floor muscles belongs in general to the group of procedures, which, **if carefully applied**, show **relatively mild and controllable side effects**.

However, as already Paracelsus said: "The dose makes the poison"

2. Side effect that have been reported to us from the practice

Very little or even no side effects

Most of the patients, more than 95 %, are reporting very little or even no side effects. The therapy is mostly very well tolerated. Patients often report positive stimulating experiences far beyond the expected impact.

Often slight muscle soreness

At the first time using PelviCenter slight muscle soreness is possible. The Muscle Groups of the urogenital track are often not very well trained, and the PelviCenter treatment is for sure a great effort.

Very seldom severe muscle soreness

Very few Patients, who are very sensitive or who were very ambitious and selected high intensities, reported severe muscle soreness. They said that they had the feeling of having suffered an injury. Fortunately all of them recovered from that after a while.

One woman, transferred from a woman hospital to a PelviCenter treatment center, had such intensive pains that the clinic decided to make a detailed medical investigation to exclude the possibility that the woman will have been hurt by the PelviCenter Treatment. Fortunately, they found absolutely nothing which could be an explanation for the pains. After a couple of days the woman recovered completely.

Very seldom back pain

Very few patients, to be precise two patients completed the therapy because of worsening back pain. The patients had a slipped disc one year ago.

These arises the question whether patients with back pain should be permitted for a PelviCenter treatment. For the admission talks, that on the other side we have a lot of patients, whose back pain problems have greatly improved with the PelviCenter treatment and more and more patients are coming suffering from back pain only and not from incontinence.

Circulatory weakness

This is side effect that affects mainly elderly patients. The PelviCenter treatment is a very strenuous treatment. It takes up the entire cardiac cycle. So for weakened people or people with a weakened immune system special attention of the staff is necessary.

Especially after the treatment, such people need a calm phase.

3. Side effect due to non-observance of contraindications

Operators and patients are strictly obliged to note the contra-indications. Otherwise patients have a high risk on very serious side effects.

Side effects due to the disregard of the contraindication of **metal implants**

The changing magnetic field is inducing an electric current (eddy current) in all metal parts inside the magnetic field. **These currents are able to heat the metal parts in the magnetic fields.**

Then there is a risk to seriously burn yourself.

Side effects due to the disregard of the contraindication of **being pregnant**

The PelviCenter will have a very strong effect on your muscles in the whole urogenital track. The arranged organs are affected in a manner not predictable. **There can be a high risk of miscarriage.**

The medical science has no knowledge of the influence of magnetic fields on embryo and placenta. **Therefore there can be a high risk to irreversible damage of the embryo or other important structures.**

Side effects due to the disregard of the contraindication of **electronically controlled implants**

Strong magnetic fields have a potential to disturb and interference electronic devices positioned in the field.. **Therefore there can be a high risk that electronically controlled implants can have malfunction or total failure.**

Side effects due to the disregard of the contraindication of **surgery interventions**

If patients would have had surgery interventions in body areas affected by the magnetic field, it is strongly recommended that patients will do a discussion with their responsible doctors, to clarify, whether a treatment with the PelviCenter is possible or not.

The operator is not able to estimate the potential risk the patient would have.

There can be a high risk, that wounds will hurt again, that seams go up or other reasons that stand in the context.

Side effects due to the disregard of the contraindication of **severe cardiac arrhythmias**

If patients would have had severe cardiac arrhythmias, it is strongly recommended that patients will do a discussion with their responsible doctors, to clarify, whether a treatment with the PelviCenter is possible or not.

The operator is not able to estimate the potential risk the patient would have.

There can be a high risk, of sever, even lethal problems with the heart.

Side effects due to the disregard of the contraindication of **epilepsy**

If patients would have epilepsy, it is strongly recommended that patients will do a discussion with their responsible doctors, to clarify, whether a treatment with the PelviCenter is possible or not.

The operator is not able to estimate the potential risk the patient would have.

There can be a high risk, of sever neurological complications.