

# QRS 1010 Pelvicenter

**Repetitive peripheral magnetic stimulation to correct functional pelvic floor disorders**

Scientific documentation and medical information

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## Basics: Benefits of QRS rPSM Therapy



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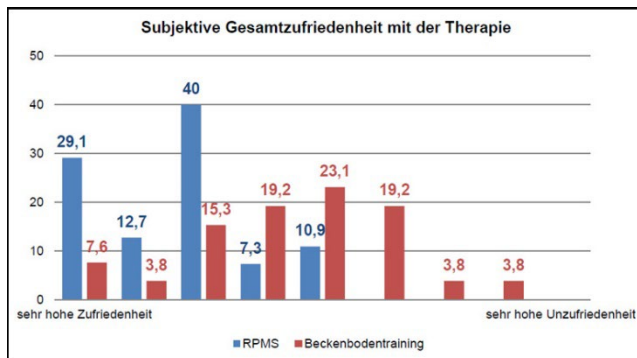
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## Successful implementation of pelvic floor training with the QRS Pelvicenter does not depend on the patient's motivation or physical abilities.

Because the patient does not necessarily have to cooperate in the sense that he has to do physically strenuous exercises. There is no learning phase because the patient can perceive his pelvic floor muscles within a few minutes thanks to the treatment on the QRS Pelvicenter.

Because the patient does not have to do any strenuous perception training or strenuous exercises during the QRS Pelvicenter therapy, the subjective patient satisfaction is significantly higher compared to conventional pelvic floor training. This also significantly increases patient compliance. This was the result of a controlled study by the University of Vienna.



Graphic: Repetitive peripheral muscle stimulation (RPMS) versus pelvic floor exercises. Evaluation and comparison of two established methods in the care of people with continence problems with special consideration of long-term care (final report). University of Vienna, Institute for Nursing Science.

### Original excerpt from the summary of the central results of the study at the University of Vienna – Institute for Nursing Sciences:

"In general, it can be stated that pelvic floor training is only suitable for a small proportion of residents of long-term care facilities, while RPMS training is generally suitable for people with restricted mobility as well cognitively impaired persons could be considered and applied, which would enable a significantly larger proportion of older long-term care residents to access appropriate and, as the results show, effective incontinence therapy."

### The technical advantages of rPMS magnetic stimulation:

- The effective electrical current does not first have to be "smuggled" through the tissue with pain and resistance, but is only generated "wirelessly" at the target location, the motor nerves, i.e. it is electromagnetically induced at the target location.
- The current is not generated by the starting point, the electrostimulation device itself, but is a result of the impact of the magnetic field on muscle-controlling nerve cells.
- Since the (ohmic) resistances of the skin, muscle and bone tissue play no role in rPMS, significantly low and therefore pain-free current doses that hit the muscle nerves can be used.

- The maximum penetration depth into the muscles is significantly deeper than with electrostimulation due to the lack of resistance.
  - The patient does not have to undress due to the contactless wireless transmission.
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### **The benefits of QRS Pelvicenter therapy for the provider**

- easy handling
  - few human resources
  - low-maintenance system
  - good to very good treatment results
  - high patient satisfaction
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### **The advantages of QRS Pelvicenter therapy for the patient**

- Treatment in everyday clothing
  - Painless therapy
  - manageable duration of treatment and foreseeable treatment period
  - usually quickly noticeable improvement
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### **The advantages compared to classic electrostimulation**

- much higher (or deeper) penetration depth
  - non-contact signal transmission
  - no application of cables, electrodes
  - no insertion of probes into vagina or anus
  - no pain in skin and muscles
  - no violation of privacy
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### **The advantages over classic, active pelvic floor training**

- full control by the doctor or therapist
- Patient does not need to perform complicated exercises
- Client or patient can do no wrong
- higher effectiveness, faster success
- Additional benefit: Strengthening of the entire torso
- Promotion of blood circulation, loosening fascia
- high compliance and patient satisfaction