

First Congress

*International Society of
Diamagnetic Therapy*

The Use of Diamagnetic Therapy in Primary Care

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Magna Graecia University - Catanzaro



Introduction

- The Relevance of Diamagnetic Therapy in Primary Care
- Case Report 1: Acute Plantar Fasciitis
 - Patient background and treatment approach
 - Results and discussion
- Case Report 2: Ankle sprain
 - Patient background and treatment approach
 - Results and discussion
- Takeaway Points

The Relevance of Diamagnetic Therapy in Primary Care

- **Addressing a Significant Patient Population**
 - **Fact:** Approximately 23.7% of consultations in Swiss general practices are due to musculoskeletal disorders, highlighting the substantial burden these conditions place on primary care services. ⁽¹⁾
- **Non-Invasive Pain Management**
 - **Potential:** Diamagnetic therapy offers a non-invasive and painless treatment option for a wide range of musculoskeletal conditions, potentially reducing the need for more invasive procedures.
- **Reducing Healthcare Costs**
 - **Potential:** By effectively treating musculoskeletal disorders, which account for a significant portion of healthcare consultations and costs, diamagnetic therapy can contribute to more cost-efficient care.

Case Report 1 – Acute plantar fasciitis



Stock image, Source orthospine.eu

60-year-old female patient, obese, with recurrent foot pain

- For the past two weeks, she has experienced atraumatic, stabbing, activity-dependent pain in the right heel, similar to multiple past episodes
- Clinically, there is tenderness on palpation of the heel, particularly over the plantar fascia insertion
- X-ray shows prominent calcaneal heel spur bilaterally.
- Long-standing occupational strain as a logistics worker.

Case Report 1 – Acute plantar fasciitis

- Unsuccessful conventional treatment attempts:
 - Only short-term and limited response to NSAIDs, with an unfavorable side-effect profile in this patient.
 - Unsatisfactory response to physiotherapy.
 - No response to past local steroid injections
- Therapy with CTU Mega 20
 - Program «acute plantar fasciitis», duration 25 minutes
 - After 3 therapy sessions, each spaced a few days apart, the patient experienced an almost complete remission of symptoms. The need for NSAIDs was successfully reduced.



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Case Report 2 – Ankle sprain



Stock image, Source orthobullets.com

32-year-old female, physically active, dances several times per week

- Grade 2 ankle sprain on the right side due to a supination trauma in November 2023.
- Bone involvement could be ruled out on the X-ray
- Wore an orthosis for 6 weeks, early functional physical therapy with a good recovery course initially.

Case Report 2 – Ankle sprain

- Follow up February 2024: Diffuse discomfort, limiting her not only in sports but in everyday activities and causing difficulty in resuming full weight-bearing
- MR shows unremarkable healing process of the ligamentous apparatus, mild edema, no bone bruise, possible subtle tendovaginitis
- Therapy with CTU Mega 20
 - Program «second degree ankle sprain», duration 25 minutes
 - After the first therapy session, the patient already reported relief of symptoms. Over the course of the month, during which additional therapy sessions took place, she was able to resume dancing.

Takeaway Points

- **Reduction in Analgesic Use:** In the presented examples, analgesic use, particularly NSAIDs, was significantly reduced. This led to fewer side effects and improved patient safety.
- **Patient Satisfaction and Acceptance:** The non-invasive nature of the treatment, combined with effective pain relief, contributes to high patient acceptance, especially in those who had previously experienced unsatisfactory outcomes with conventional methods.
- **Multimodal Therapy Approach:** Diamagnetic therapy can be easily integrated into a multimodal treatment plan, working synergistically with other treatments such as physiotherapy
- **Billing:** There is no specific item for this in the TARMED catalog. Billing is done regularly through the “consultation” item.

Questions?