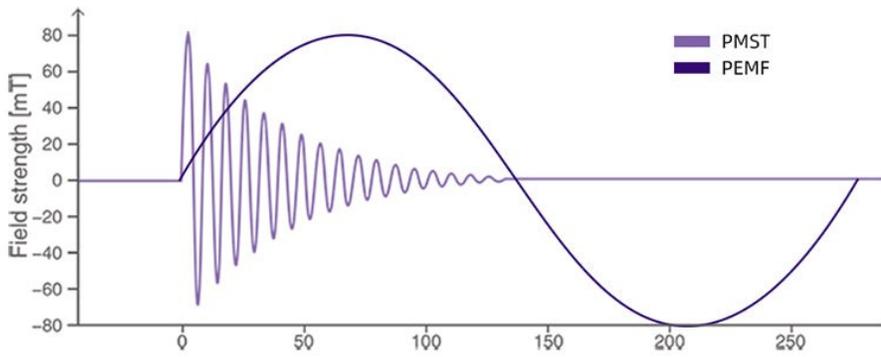
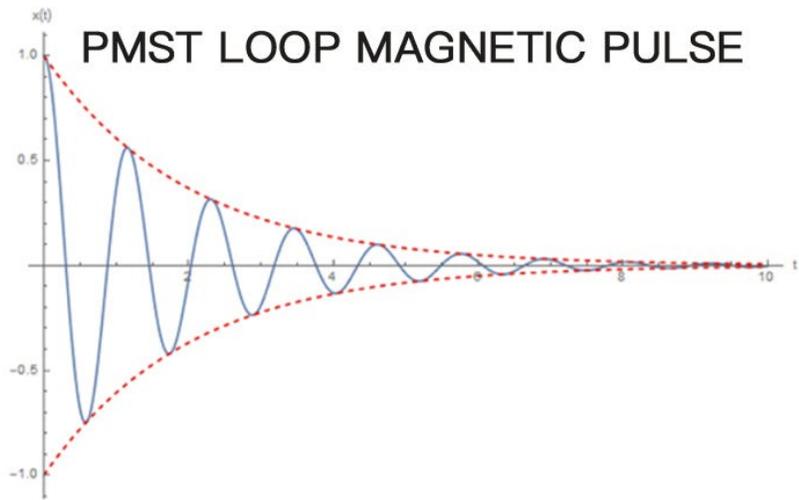




What is PMST Technology?

PMST is an advanced form of high-intensity PEMF (Pulsed Electromagnetic Field) therapy.

It operates at a magnetic oscillation frequency up to 4.5 kHz, which is 40% stronger in intensity and penetration than conventional PEMF therapy. The high-voltage generator produces rapid pulsed magnetic swings, allowing energy to travel into deeper musculoskeletal and fascial tension zones, supporting more effective healing, recovery and rehabilitation.



How is PMST Different from Traditional PEMF?

Compared with conventional PEMF

- ◆ Significantly higher magnetic oscillation frequency (up to 4.5 kHz)
- ◆ 40% greater field strength and deeper conduction
- ◆ Capable of enhanced energy velocity, transferring magnetic pulses into deep tissue layers with stronger cellular stimulation
- ◆ Designed for more effective musculoskeletal recovery, fascia relaxation, pain relief, and rehabilitation responses

Common Conditions Treated with PEMF Therapy

- Systemic Recovery & Cellular Wellness
- ◆ Fatigue reduction and post-exercise recovery
- ◆ Improved micro-circulation and oxygen delivery
- ◆ Supports immune response and metabolic balance
- ◆ Better sleep quality and stress recovery
 - Muscle & Soft Tissue Support
- ◆ Myofascial tightness and muscle stiffness
- ◆ Trigger points and chronic muscle fatigue
- ◆ Post-training muscle recovery signaling
- ◆ Muscle activation enhancement in rehab programs
 - Joint & Connective Tissue Conditions

- ◆ Knee, ankle, elbow, and shoulder joint discomfort
- ◆ Early-stage inflammatory joint conditions
- ◆ Ligament strain support and mobility recovery
- ◆ General arthritis-related joint stiffness
 - Bone & Nerve Recovery Support
- ◆ Fracture recovery assistance via cellular stimulation
- ◆ Nerve sensitivity reduction and nerve recovery support
- ◆ Chronic back pain with radiating nerve discomfort
- ◆ Rehabilitation support for deep neuromuscular recovery
 - High-Sensitivity & Chronic Pain Areas
- ◆ Persistent localized pain with fascial tension
- ◆ Back and limb sensitivity in activity recovery
- ◆ Muscle guarding and restricted mobility caused by pain
- ◆ Deep tissue recovery without surface irritation

Contraindications:

Primary Contraindications (Absolute):

- **Pacemakers and Electronic Implants: Electromagnetic fields can interfere with pacemakers, cochlear implants, or intrathecal pumps.**
- **Pregnancy: Insufficient research exists on the safety of PEMF during pregnancy.**
- **Active Cancer/Tumors: Generally advised against, as it should not be applied directly over known cancers**

Secondary Contraindications (Consult Doctor):

- Bleeding/Hemophilia: Increased blood flow may worsen active bleeding or hemorrhage.
- Epilepsy/Seizure Disorders: Potential to trigger seizures.
- Infections/Fever: Acute infections or high fever are contraindicated.
- Organ Transplants: Those on immunosuppressants should avoid.
- Myasthenia Gravis: A contraindication mentioned in some device protocols.
- Hypothalamus/Pituitary/Thyroid Issues: Specific glandular hyperfunctions

In Short:

PMST therapy, often called **Pulsed Magnetic Stimulation Therapy** or **PMST LOOP**, is an advanced form of high-intensity Pulsed Electromagnetic Field (PEMF) therapy that uses rapid magnetic pulses to stimulate cells deep in tissues for pain relief, faster recovery, and musculoskeletal healing, often combined with **laser therapy** for enhanced effects in conditions like muscle stiffness, inflammation, and post-exercise recovery, acting as a non-invasive way to promote cellular function and circulation.

How it works

- High-Intensity Pulses:

Delivers strong, rapid magnetic pulses (up to 4.5 kHz) that penetrate deeply into muscles and fascia.

- Cellular Stimulation:

The magnetic energy recharges cells, increasing their surface area for better oxygenation, nutrient absorption, and waste removal.

- Dual Therapy:

Many modern devices combine PMST with laser therapy (LLLT) to further reduce inflammation and improve circulation.

Key benefits

- Pain Relief: Reduces muscle tension, inflammation, and pressure on tissues.
- Faster Healing: Speeds up recovery from injuries and post-exercise fatigue.
- Improved Circulation: Enhances blood flow and oxygen delivery to targeted areas.
- Non-Invasive: A painless, drug-free treatment with no skin contact, making it safe and hygienic.

What it treats

- Musculoskeletal pain, stiffness, and myofascial tightness.
- Sports injuries and performance optimization.
- Inflammation and conditions like arthritis.