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### **Therapeutic effects, benefits, outcomes of High-Powered PEMF for Horses:**

Horses are 800 to 1200 pound animals that spend most of their time standing on (*the human equivalent of*) a middle or third finger. A highly-evolved musculoskeletal system enables the animals to move both rapidly and efficiently with racing horses capable of speeds between 35 to 55 miles per hour (depending on distance).

Of course these same bio-mechanics that make horses so versatile and athletic - likewise make the animals vulnerable to INJURY! When a horse's leg hits the ground at race speeds, the leg bears a load 3 to 5 times body weight; during turns centrifugal forces increase the load by 5 to 10 times the body weight.

*Wear and tear* injury is inevitable! When a horse's hoof *hits the ground*, repetitive impact produces microscopic cracks and crevices inside the bone so tiny they are undetectable by standard X-rays; as noted, horses involved in racing (as well as jumping, rodeo and other sports activities) face increased potential for injury

For owners, trainers, therapists, veterinarians and others devoted to horse wellness and care, helping horses *live long and healthy lives* is for most a *true labor of love*. Toward this end an increasing number have turned to High-Powered Pulsed Electromagnetic Field (PEMF) Therapy which is a proven augment to professional skills, intuition, experience and ALL other methods.

#### **High-Powered PEMF**

##### **i.      PEMF Explained**

**High-Powered Pulsed Electromagnetic Field (PEMF) is like a battery charger for cells:**

PEMF's safe and gentle energy *helps the cell do what it is meant to do* - including transporting oxygen and nutrients in, forcing waste out, communicating with other cells and repairing itself.

**PEMF is drawn to cells that need it; cells that don't need it let PEMF energy pass by.** PEMF stimulates all levels of the body: cells, tissues, organs and complete body systems.

**PEMF is highly versatile and generally shows results quickly.** PEMF predictably reduces pain, improves range of motion, increases energy, and makes users simply feel better after just 15 minutes of treatment. Initial improvements last from 4 hours to 4 days as the healing process begins. Repeat use extends the period of benefits and helps reduce/reverse chronic issues (such as organ dysfunction) over longer periods.

## ii. **HIGH-POWERED PEMF BENEFITS**

PEMF helps therapists/trainers/owners address health and performance challenges of horses:

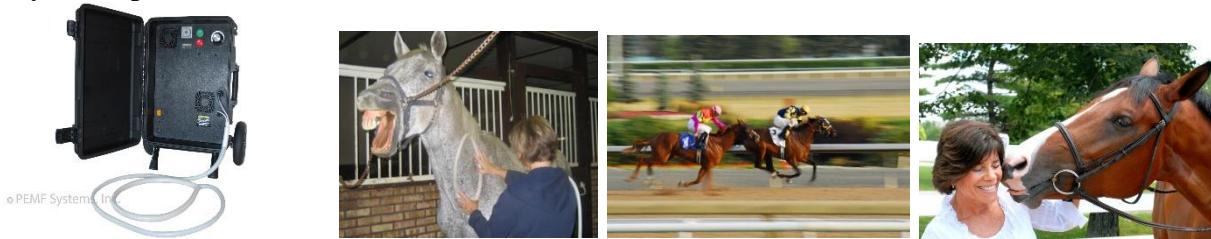
- PEMF is a drug-free way to relieve pain and inflammation, reduce stress, improve performance, and accelerate healing in horses.
- PEMF can be used to treat the whole body or a specific area/injury.
- PEMF is non-invasive, doesn't hurt or require sedation.
- PEMF often improves performance and helps calm horses before *events*.
- PEMF helps treat areas not easily-available using other methods (e.g. the poll, TMJ joint, upper neck, hamstring, psoas muscle).
- Since muscle twitching is a common response of PEMF treatment PEMF helps identify and/or confirm sore or problem areas.
- Most horses like PEMF and demonstrate their approval by shifting their bodies to ensure the coil placement gets exactly on THAT RIGHT SPOT; some have even been known to line up and wait their turns.

Here is a summary of the commonly-observed Equine benefits of PEMF:

- Reduced pain,
- Reduced inflammation,
- Improved performance and well-being,
- Increased range of motion and muscle elasticity,
- Accelerated injury recovery and improved circulation,
- Improved relaxation and stress reduction.
- Reduced soreness: Back, Stifle, Joints, Neck, Poll, TMJ, Shoulder or Hooves
- Soft Tissue recovery: Bruised or Torn Muscles, Tendons and Ligaments
- Accelerated injury and/or surgical recovery,
- Accelerated bone healing,
- Accelerated wound recovery,
- Anti-aging, systemic improvement, and improved immunity.
- (Perhaps) best of all, PEMF DOES NO HARM!

## iii. **PEMF 120 High-Powered Pulsed Electromagnetic Field (PEMF) Therapy Device**

The PEMF 120 Equine or All-Terrain is the World's most prevalent High-Powered Pulsed Electromagnetic Field Therapy device and has earned a reputation for power, reliability, versatility, comfort, safety, and value over a 12+ year history. Housed in a rugged pelican case mounted on 6 inch wheels the unit is specifically-designed for use in horse environments as well as transport across gravel and natural surfaces; the PEMF 120 Equine is the popular choice of many horse practitioners, horse owners, horse trainers, and race tracks.



## **Pricing**

The PEMF 120 Equine/All-Terrain is equipped with 2 standard coils the equine Loop and equine Butterfly. It is priced at \$20,200.



Other coils are available at additional cost; those chosen most often are the:

- 24-inch Equine Lasso Coil
- 24-inch Equine “wings” Coil
- Equine “Paddle” Coil with hoof insert
- 30 foot Human Rope Coil



NOTE: this *blending* of Equine and Human coils is common as Equine units (generally) become multi-purpose very quickly because owners, trainers and riders usually discover that “*what's good for their horses is equally good for them*”. The full package including both equine and human training a 3 year warranty and shipping is \$22,900.

The PEMF 120 Portable (which is the same device as the All-Terrain but mounted on 3 inch wheels) may be substituted as the cabinet choice.

