

PEMF FOR HORSES

**Optimizing Equine Health
Through Advanced Therapy**



*Discover
how pulsed
electromagnetic
field therapy can
transform your
horse's health
and recovery*

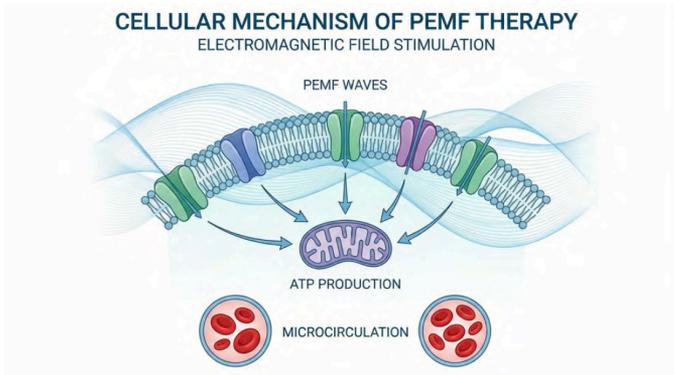
 **ALL NATURAL
HORSE CARE**

Introduction: A New Era of Equine Wellness

The bond between a horse and its owner is a profound connection, often built on trust, companionship, and a shared passion for performance. Whether your horse is a competitive athlete, a beloved companion, or a working partner, maintaining their health and well-being is paramount. However, even with the best care, horses can experience a range of ailments that impact their comfort, mobility, and overall quality of life. Common signs of discomfort, such as stiffness, a noticeable slowing down in activity, or subtle indications of hidden pain, can be distressing for owners to witness. For too long, traditional approaches have often focused on masking these symptoms with medications or invasive treatments, providing temporary relief without addressing the underlying issues. This book introduces a revolutionary approach to equine wellness: Pulsed Electromagnetic Field (PEMF) therapy, specifically highlighting the innovative Resona Health Vibe, a device designed to offer a safe, affordable, and effective solution for a new era of equine care.

- **Wellness for Every Stage of Life:** From foals to senior horses, PEMF therapy supports healthy bones, joints and muscles, naturally. Reduce stiffness, ease pain and restore mobility.
- **Give them the Care they Deserve:** Learn how PEMF technology helps reduce pain, speed recovery and improve your horse's quality of life.
- **Unleash Peak Performance:** PEMF therapy helps competition horses recover faster and perform at their best. Science-backed results.
- **The Science of Equine Healing:** Over 2,000 studies support PEMF therapy.
- **Is Your Horse in Pain?** PEMF therapy offers a drug-free, non-invasive solution for arthritis, inflammation and chronic pain.
- **Faster Recovery after Competition:** Top equestrians use PEMF therapy to keep their horses in peak condition.
- **Natural Healing, Real Results:** No drugs, no side effects, just proven electromagnetic therapy that helps heal from within.
- **The Future of Equine Care:** Join thousands of horse owners who trust PEMF therapy.

Chapter 1: What is PEMF? The Science of Healing



Pulsed Electromagnetic Field (PEMF) therapy is a **non-invasive treatment** that uses electromagnetic fields to stimulate cellular repair and improve overall health. This technology, though seemingly advanced, is rooted in the fundamental understanding that the body's cells communicate and function through electromagnetic processes.

When these cellular processes are disrupted, whether by injury, illness, or the natural aging process, the body's ability to heal and maintain optimal function can be compromised.

At its core, **PEMF therapy works by delivering targeted electromagnetic pulses that penetrate deep into tissues, muscles, and joints.** These pulses interact with the body's natural electromagnetic fields, influencing cellular activity in several key ways. One of the primary mechanisms is the enhancement of microcirculation [1]. Improved blood flow means that essential nutrients and oxygen can more efficiently reach damaged cells, while metabolic waste products are more effectively removed. This optimized cellular environment is crucial for accelerating the healing process and reducing inflammation.

Furthermore, PEMF therapy has been shown to stimulate ATP (adenosine triphosphate) production [2], the primary energy currency of cells. With increased cellular energy, cells can perform their functions more effectively, including repair, regeneration, and detoxification. This leads to a cascade of beneficial effects, such as reduced pain, decreased stiffness, and improved tissue recovery. The "Hidden Factor" in many equine ailments, particularly stiffness and chronic pain, is often attributed to poor circulation and inefficient tissue recovery. By directly addressing these fundamental cellular processes, PEMF therapy offers a powerful method to resolve the root causes of discomfort rather than merely alleviating symptoms.

Chapter 2: Resona Health Vibe – Superior Technology

60 Built-in Protocols + BW Expansion Protocols



Cellular Optimization



Systemic Balance



Increase ATP/Energy



Inflammation Reduction



Pain Modulation



Circulatory Enhancement



Stress Relief



Immune Support

In the evolving landscape of equine health, the Resona Health Vibe emerges as a groundbreaking solution, offering advanced PEMF therapy in a remarkably accessible package. Unlike bulky, expensive systems, the Vibe is designed with the practicalities of horse ownership in mind: it is lightweight, portable, and significantly more affordable than many alternatives on the market. This commitment to accessibility ensures that cutting-edge PEMF therapy is no longer confined to specialized clinics but can be readily integrated into daily equine care routines.

Technical Specifications and the “Smaller is Superior” Principle

The Resona Health Vibe operates within a frequency range of 1-1000 Hz and delivers a magnetic field intensity of up to 9 Gauss, utilizing a Ramped Squarewave waveform. These specifications are crucial to understanding its effectiveness. A common misconception in PEMF therapy is that higher magnetic field intensity automatically equates to better results. However, scientific research and practical application demonstrate that this is not always the case. The “Smaller is Superior” principle, as championed by Resona Health, posits that lower-intensity, targeted magnetic fields can be equally, if not more, effective in promoting healing and wellness without the potential for overstimulation [1, 2].

Vibe vs. MagnaWave: A Comparative Analysis

To truly appreciate the Vibe's advantages, it's beneficial to compare it with other prominent PEMF devices, such as MagnaWave. While both systems aim to leverage PEMF for equine health, their approaches and practical implications differ significantly. The following table outlines key distinctions:

Feature	Resona Health Vibe PEMF	MagnaWave PEMF
Frequency Range	1-1000 Hz	1-50 Hz
Magnetic Field Intensity	Up to 9 Gauss (adjustable)	Up to 50 Gauss (adjustable)
Waveform	Ramped Squarewave	Sine wave
Portability	Highly portable, battery-operated (less than 0.17 lbs)	Portable, but heavier (around 30 lbs), often requires electrical outlet
Ease of Use	Simple interface with preset programs	Moderately easy, with more complex adjustable settings
Cost	More affordable (eg \$299-\$399)	Much higher price point (eg \$7,000-\$20,000)
Clinical Philosophy	Smaller, targeted fields are effective, avoiding overstimulation	Larger magnetic fields, deeper penetration



VIBE PEMF DEVICE

\$299-\$399

- 2023 technology
- 8 Gauss strength
- Very small and portable - can be used whilst you ride
- Single standalone device
- Specific ailment protocols
- Same device works for you and all your other pets!



BEMER EQUINE SET

\$5,250-\$7,195

- 1990's technology
- 1 Gauss strength
- Large, cumbersome blanket
- Multiple components
- No specific ailment protocols
- Separate set needed for use on people/dogs

Chapter 3: Power of the Vagus Nerve & EquiVibe Band

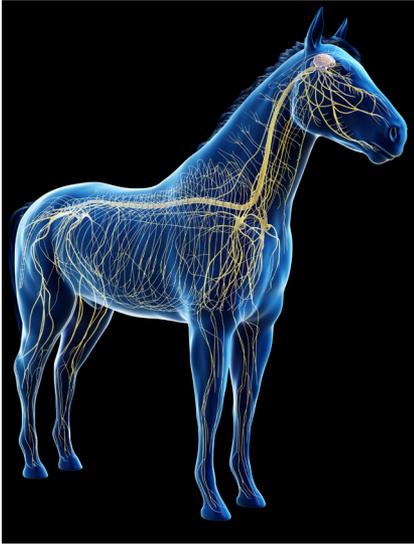


Beyond addressing physical ailments, the Resona Health Vibe, particularly when used with the EquiVibe Band, taps into a deeper physiological mechanism for holistic equine wellness: the Vagus Nerve. Often referred to as the “wandering nerve,” the vagus nerve is the longest cranial nerve, extending from the brainstem down through the neck, chest, and abdomen, innervating vital organs such as the heart, lungs, and digestive system. It plays a critical role in the parasympathetic nervous system, which is responsible for the body’s “rest and digest” functions, counteracting the “fight or flight” response of the sympathetic nervous system.

Stimulating the vagus nerve has profound effects on an animal’s overall well-being. It can lead to stress reduction, improved digestion, enhanced immune function, and a general state of calm and relaxation [3]. For horses, who are naturally sensitive and can be prone to stress from training, travel, or environmental changes, vagus nerve stimulation offers a powerful tool for maintaining mental and physical equilibrium.

This is precisely why the EquiVibe Band is designed to position the Vibe device precisely over the upper neck, where the vagus nerve cluster is readily accessible. By delivering targeted PEMF to this crucial area, the EquiVibe Band facilitates optimal vagus nerve activation. This strategic placement ensures that the therapeutic frequencies of the Vibe can effectively influence the nerve, promoting a cascade of beneficial physiological responses throughout the horse’s body. The result is a handsfree, precision PEMF system that amplifies comfort, flexibility, and overall vitality, helping the horse enter a calm, recovery-focused state.

Chapter 4: Vagus Nerve Stimulation



Building upon the understanding of the vagus nerve's critical role, the Vibe offers a dedicated protocol for its stimulation, directly contributing to a horse's overall health and well-being. Vagus nerve stimulation (VNS) is a powerful mechanism for influencing the autonomic nervous system, shifting the body from a state of stress (sympathetic dominance) to one of relaxation and healing (parasympathetic dominance). This shift is particularly beneficial for horses, who can experience significant stress due to various factors inherent in their lives, from training demands to environmental changes.

The Vibe's Vagus Nerve protocol is specifically designed to target this crucial nerve. By applying gentle, pulsed electromagnetic fields to the vagus nerve, the Vibe helps to regulate its activity, leading to a multitude of positive physiological outcomes. These include:

- **Enhanced Relaxation and Stress Recovery:** VNS promotes a calming effect, helping anxious or stressed horses achieve a more relaxed state. This is vital for both their mental well-being and their ability to recover physically from exertion.
- **Improved Heart Rate Variability (HRV):** HRV is a key indicator of autonomic nervous system balance. Higher HRV is associated with better health, resilience, and adaptability. VNS can help optimize HRV, signaling a healthier and more balanced physiological state.
- **Better Mental Clarity and Emotional State:** By reducing stress and promoting relaxation, VNS can positively impact a horse's cognitive function and emotional regulation, leading to a more focused and cooperative animal.
- **Reduced Pain and Inflammation:** The vagus nerve plays a role in modulating inflammatory responses. By stimulating it, the Vibe can contribute to a reduction in systemic inflammation and pain perception.
- **Optimized Digestion:** As a primary component of the "rest and digest" system, vagus nerve stimulation directly supports healthy digestive function, promoting better nutrient absorption and reducing the incidence of gut-related issues.

Chapter 5: Arthritis Relief



Arthritis is a pervasive and often debilitating condition in horses, characterized by inflammation of the joints, leading to pain, stiffness, and reduced mobility. It can affect horses of all ages, from young performance animals to older companions, significantly impacting their quality of life and athletic potential. Traditional treatments often involve anti-inflammatory

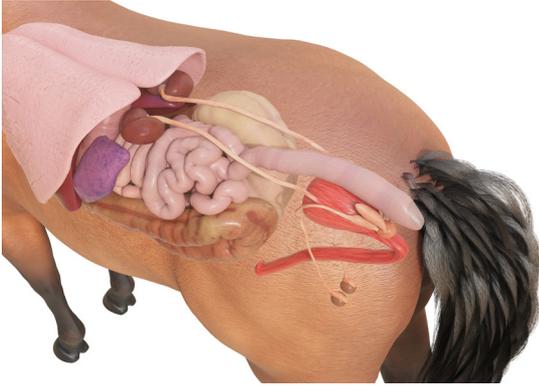
drugs and pain relievers, which can provide temporary relief but may not address the underlying cellular issues or carry potential side effects with long-term use.

The Vibe offers a targeted and non-invasive approach to managing equine arthritis through its specialized PEMF therapy. The Arthritis protocol, found within the Vibe 60 Core Protocols, is specifically designed to deliver frequencies that support joint health and reduce inflammatory responses. This protocol works by:

- **Reducing Inflammation:** PEMF therapy has been shown to modulate inflammatory pathways, helping to decrease swelling and pain in affected joints [2].
- **Improving Circulation:** Enhanced blood flow to the joint tissues facilitates the delivery of oxygen and nutrients essential for cartilage health and repair, while also aiding in the removal of inflammatory byproducts [1].
- **Stimulating Cellular Repair:** The electromagnetic pulses encourage cellular regeneration within the joint, potentially slowing the progression of degenerative changes associated with arthritis.
- **Easing Joint Pain and Improving Mobility:** By addressing inflammation and supporting tissue health, the Vibe helps to alleviate discomfort, allowing horses to move more freely and comfortably.

For more chronic or severe cases, the Brain Wave Expansion Protocols can offer additional support. Specifically, for Osteoarthritis, frequencies in the 8-12 Hz (Alpha) or 18 Hz (Beta) range are suggested. These frequencies can further enhance the therapeutic effects by influencing neural pathways associated with pain perception and tissue repair. By integrating the Vibe into a horse's routine, owners can provide a proactive and effective strategy for managing arthritis, offering their equine partners a more comfortable and active life.

Chapter 6: Gut Health Improvement



Equine gut health is a cornerstone of overall well-being, directly influencing everything from nutrient absorption and immune function to mood and behavior. Horses are particularly susceptible to digestive disturbances, with common issues including colic, ulcers, and dysbiosis, often triggered

by stress, diet changes, or environmental factors. These conditions can lead to discomfort, poor performance, and significant health complications.

The Resona Health Vibe provides a gentle and effective way to support digestive health through its Constipation protocol (part of the Vibe 60 Core Protocols). This protocol is designed to:

- **Promote Healthy Motility:** PEMF therapy can help stimulate the smooth muscles of the digestive tract, encouraging regular movement and reducing the risk of impaction.
- **Reduce Inflammation:** By addressing systemic and localized inflammation, the Vibe can help soothe an irritated digestive system.
- **Support the Microbiome:** A healthy gut environment is essential for a balanced microbiome. PEMF therapy's ability to improve circulation and cellular function can indirectly support a thriving community of beneficial gut bacteria.

For horses with more complex digestive needs, the Brain Wave Expansion Protocols can be utilized. For example, frequencies in the Alpha (8-12 Hz) range can help reduce the stress that often underlies digestive issues, while specific frequencies like 10 Hz have been associated with improved tissue healing and reduced inflammation in the gut. By prioritizing gut health with the Resona Health Vibe, owners can help their horses maintain optimal digestion and overall vitality.

Chapter 7: Post-Workout Recovery



Recovery is just as important as the workout itself for any equine athlete. Intense physical exertion can lead to muscle fatigue, micro-tears in tissues, and a buildup of metabolic waste products, all of which can cause stiffness and soreness. Efficient recovery is essential for maintaining performance, preventing injury, and ensuring the horse's long-term well-being.

The Resona Health Vibe is an invaluable tool for post-workout recovery. While "Post-Workout Recovery" is not a single core protocol, the Vibe 60 Core Protocols offer several programs that, when used in combination, provide comprehensive recovery support:

1. **Relax and Balance:** This protocol is ideal for immediately after a workout to help the horse transition from a state of exertion to one of rest and recovery. It promotes relaxation and helps rebalance the nervous system.
2. **General Inflammation:** This protocol targets the systemic inflammation that can occur after intense exercise, helping to reduce soreness and accelerate tissue repair.
3. **Vagus Nerve:** As discussed, stimulating the vagus nerve is crucial for activating the "rest and digest" system, which is essential for optimal recovery.

By using these protocols in sequence, owners can provide their horses with a powerful recovery strategy. For even more targeted support, the Brain Wave Expansion Protocols can be used. Frequencies in the Theta (4-8 Hz) range are excellent for deep relaxation and tissue regeneration, while Alpha (8-12 Hz) frequencies can help with mental recovery and stress reduction. This multi-faceted approach ensures that the horse is physically and mentally prepared for their next challenge.

Chapter 8: Muscle Strains and Tendinitis



Muscle strains and tendinitis are common injuries in horses, often resulting from overexertion, improper conditioning, or accidental trauma. These conditions can cause significant pain, lameness, and long recovery times, potentially sidelining a horse for weeks or even months.

Traditional management typically involves rest, ice, and anti-inflammatory medications, but PEMF therapy offers a more proactive way to accelerate the healing process.

The Tendinitis protocol is specifically designed to address these types of soft tissue injuries. This protocol works by:

- **Increasing Blood Flow:** Enhanced circulation to the injured area brings in the necessary nutrients and oxygen for tissue repair while helping to flush out inflammatory markers.
- **Reducing Pain and Swelling:** PEMF therapy's anti-inflammatory effects help to alleviate the discomfort and swelling associated with strains and tendinitis.
- **Promoting Collagen Synthesis:** Collagen is a key component of tendons and ligaments. PEMF therapy has been shown to stimulate collagen production, leading to stronger and more resilient tissue repair.

For more severe or chronic injuries, the Brain Wave Expansion Protocols can provide additional support. Frequencies in the Delta (0.5-4 Hz) range are associated with deep healing and tissue regeneration, while Beta (12-30 Hz) frequencies can help with pain management and improving localized circulation. By integrating the Vibe into the injury management plan, owners can help their horses recover more quickly and return to their normal activities with greater strength and flexibility.

Chapter 9: Managing Inflammation



Inflammation is the body's natural response to injury or illness, but when it becomes chronic, it can lead to a host of health problems, including pain, tissue damage, and reduced immune function. In horses, chronic inflammation is often a "Hidden Factor" in many ailments, contributing to everything from joint stiffness to poor coat quality and behavioral issues.

The Vibe's General Inflammation protocol is a powerful tool for managing both acute and chronic inflammation. This protocol works by:

- **Modulating Cytokine Production:** PEMF therapy can help balance the production of pro-inflammatory and anti-inflammatory cytokines, the signaling molecules that regulate the inflammatory response.
- **Improving Cellular Function:** By optimizing the cellular environment and increasing ATP production, the Vibe helps cells better manage and resolve inflammatory processes.
- **Enhancing Detoxification:** Improved circulation and lymphatic drainage help the body more effectively remove the metabolic waste products and toxins that can contribute to inflammation.

For horses with systemic inflammatory issues, the Brain Wave Expansion Protocols can offer further benefits. Frequencies in the Alpha (8-12 Hz) range are particularly effective for reducing stress-induced inflammation, while Theta (4-8 Hz) frequencies can support deep tissue repair and systemic healing. By proactively managing inflammation with the Resona Health Vibe, owners can help their horses maintain a higher level of health and resilience.

Chapter 10: Accelerating Wound Healing



Wounds, whether from accidents, surgery, or skin conditions, are a common concern for horse owners. Ensuring that these wounds heal quickly and cleanly is essential for preventing infection and minimizing scarring. Traditional wound care involves cleaning, dressing, and sometimes antibiotics, but PEMF therapy can significantly enhance the body's natural healing mechanisms.

The Vibe's Wound Healing protocol is specifically designed to support the various stages of the healing process. This protocol works by:

- **Stimulating Cell Proliferation:** PEMF therapy encourages the growth of new skin cells and connective tissue, helping to close wounds more quickly.
- **Improving Microcirculation:** Enhanced blood flow to the wound site ensures a steady supply of oxygen and nutrients, which are critical for tissue repair.
- **Reducing the Risk of Infection:** By improving localized immune function and reducing inflammation, the Vibe helps create an environment that is less conducive to bacterial growth.
- **Minimizing Scarring:** PEMF therapy's ability to promote organized collagen synthesis can lead to more functional and less noticeable scar tissue.

For more complex or slow-healing wounds, the Brain Wave Expansion Protocols can be used as an adjunct. Frequencies in the Delta (0.5-4 Hz) range are particularly beneficial for deep tissue regeneration, while Theta (4-8 Hz) frequencies can help with the overall healing response. By incorporating the Vibe into their wound care routine, owners can help their horses heal more efficiently and return to their normal activities sooner.

Chapter 11: How to Use the Vibe and EquiVibe Band



Using the Resona Health Vibe and EquiVibe Band is simple and straightforward, making it easy to integrate into any horse's daily routine.

The system is designed for ease of use, allowing owners to provide professional-grade PEMF therapy with minimal effort.

The Vibe device is super lightweight and portable which means you can even use it whilst you ride!

Step-by-Step Guide:

1. **Prepare the Device:** Ensure the Vibe device is fully charged.
2. **Position the EquiVibe Band:** Place the EquiVibe Band around the horse's upper neck, ensuring the pocket for the Vibe device is positioned over the area of the vagus nerve cluster. Secure the band comfortably but firmly. For added security, you can easily braid the band into the mane.
3. **Insert the Vibe:** Place the Vibe device into the pocket of the EquiVibe Band. Select the appropriate protocol from the based on your horse's needs and press the play button.
4. **Duration and Frequency:** Most protocols are designed for a 30-60 minute session. For best results, use the Vibe 1-2 times daily, or as needed for specific conditions.
5. **Monitor Your Horse:** Observe your horse during the session. Most horses find the therapy very relaxing and may show signs of comfort, such as licking, chewing, or lowering their head.

Best Practices:

- **Start Slowly:** If your horse is new to PEMF therapy, start with shorter sessions and gradually increase the duration as they become accustomed to the sensation.
- **Consistency is Key:** For chronic conditions like arthritis or inflammation, regular and consistent use of the Vibe will yield the best long-term results.

- **Combine Protocols:** Don't be afraid to use multiple protocols in a single day if your horse has multiple needs. For example, you might use the Vagus Nerve protocol in the morning and the Arthritis protocol in the afternoon.
- **Consult the Protocol Lists:** Always refer to the Vibe 60 Core Protocols and Brain Wave Expansion Protocols Lists for detailed information on each program and its recommended use.

Chapter 12: Bonus—It's not just for your Horse!



The VIBE device isn't limited to horses. Because PEMF works at the cellular level, the same gentle support can be used for people and small animals as well. Many owners use it to support their own recovery, comfort, and nervous system balance, and then easily switch it to a bandana or collar setup for dogs or cats.

One simple device, shared across species, offering the same non-invasive, drug-free support wherever it's needed.

My Vibe Story:

I discovered the Vibe through a veterinarian. Seeing how quickly my pain eased made me want to share it! I truly believe most people and animals could benefit from the Vibe.

When I received my Vibe, I was suffering from severe back pain and sciatica. After just a few sessions with the low back pain and inflammation protocols, my the pain and sciatica were dramatically improved, allowing me to avoid the need for constant pain pills.

Beyond pain relief, the Vibe has improved my sleep, increased my energy levels and decreased my recovery time—allowing me to breeze through my busy workdays. I also use it for my horses and dogs, seeing great improvement with inflammation, anxiety, and overall wellbeing.

The Vibe has been life-changing for both me and my animals. I no longer need a recovery day after trimming my four horses, and my border collie doesn't suffer with stiffness after long rides.

Conclusion: A Healthier, Happier Horse



The Resona Health Vibe and EquiVibe Band represent a significant advancement in equine wellness, offering a safe, effective, and affordable way to support your horse's health and happiness. By leveraging the power of PEMF therapy and vagus nerve stimulation, you can address a wide range of common ailments, from arthritis and gut health issues to muscle strains and chronic inflammation.

This technology is not just about treating problems; it's about proactive care and optimizing your horse's overall well-being. Whether you're looking to enhance performance, accelerate recovery, or simply provide your equine partner with a more comfortable and fulfilling life, the Resona Health Vibe is an invaluable tool.

We invite you to experience the transformative power of the Resona Health Vibe for yourself. Your horse deserves the best, and with the Vibe, you can provide them with a new era of equine care.

**To learn more and order the EquiVibe Bundle visit:
www.all-natural-horse-care.com/vibe
or call 250-397-2048 (PST)**



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