



ZAAZ

BY ZAAZ THERAPEUTICS, INC.

WELLNESS.EVOLVED



# OUR MISSION

ZAAZ

To provide a non-pharmacological physical therapy intervention for addressing chronic pain and to reduce symptoms of chronic conditions and subsequent comorbidities polypharmacy.

**ZAAZ is the only medically indicated motion therapy device that can be used at home, consistently and proportionate to needs.**



# ZAAZ 20K

ZAAZ

## MOTION THERAPY IS PHYSICAL THERAPY

Get the exercise your doctor is mandating

ZAAZ Motion Therapy Devices deliver kinetic movement that provides full body muscular stimulation. Movement provokes performance of the body's natural systems:

- Circulation
- Lymphatic Drainage
- Bone Density

The low-impact wavelike movement of ZAAZ causes muscular repatterning and elicits neural conductivity to combat against muscle wasting, sensation losses and negative sensory information, while increasing oxygenated blood flow, thus reducing elevated inflammation that exacerbates pain.

ZAAZ is gentle on joints and muscles and safe and effective for people of all ages and all physical conditions.



# TECHNOLOGY & ENGINEERING

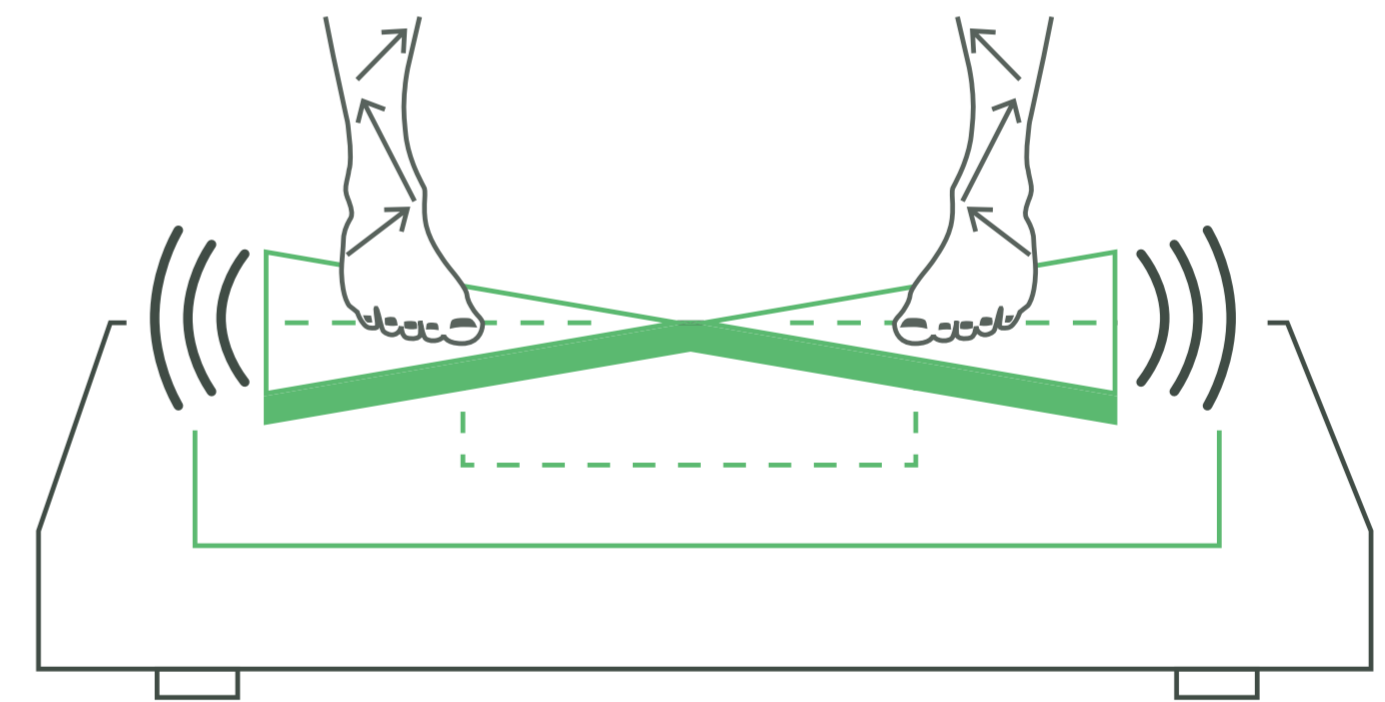
ZAAZ

ZAAZ Motion Therapy Devices feature oscillation vibration technology, the most gentle and advanced form of whole body vibration, with the highest range of benefits. ZAAZ machines work by creating alternating movement from left to right over a central point (a plate you stand on) that can be visualized as mimicking a see-saw or wave-like motion that delivers a high concentration of movement in the body.

" With ZAAZ Motion Therapy Technology, issues like age, weight, and body morphology become non-issues in achieving much-needed physical activity. Many of my patients who may otherwise be restricted or unable to exercise at all can benefit from ZAAZ without the risks posed with lifting heavy weights or the compressive impact of jogging. I recommend ZAAZ as an integral part of most rehabilitation regimens and physical fitness programs."

Dr John Boren, Spinal Decompression Specialist and CEO of Lordex Medical  
Brookshire, TX

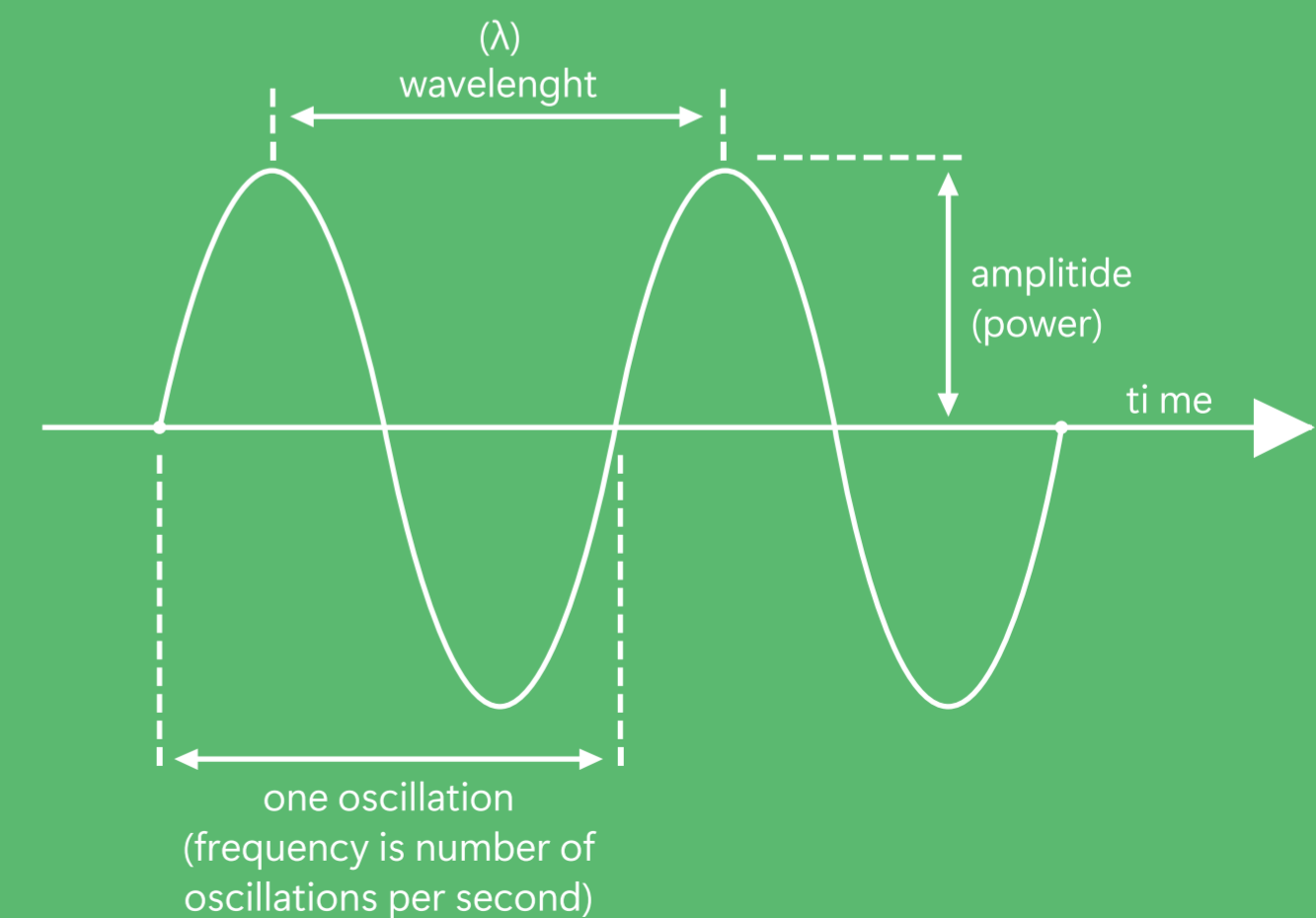
## OSCILLATING



# WAVELIKE MOTION

Oscillation of alternating left and right movement activates both hemispheres of the brain, creating patterning and synchronizing with the cerebellum. Each time the plate moves, your muscles respond automatically by contracting and relaxing by reflex and adjusting posture. The movement of ZAAZ forces the body to work twice as hard against its own gravitational pull, strengthening muscles in the process and complimenting other physical therapy interventions.

- 20 to 30 muscle reactions per second
- Engages up to 97% of muscle groups at the same time
- Improves balance, flexibility, and range of motion
- Builds muscle strength
- Burns calories and stored fat



# ZAAZ ACCESSORIES

ZAAZ

## ZAAZ AEROBIC MAT SET

The ZAAZ Mat Tray installs easily on any ZAAZ Device. The Aerobic Mat greatly enhances the aerobic effect of its use. Made from proprietary polymers that recoil with additional force when compressed, the Aerobic Mat reduces impact on muscles and joints.



## ZAAZ ERGONOMIC CHAIR

The ZAAZ Ergonomic Chair locks securely into the Mat Tray for safe and comfortable use. The Chair increases the range of applications of ZAAZ Devices, both increasing potential benefits and making them available for use by people for whom standing is not comfortable or possible.



# THE SCIENCE: STUDIES ON WBV

The logo for ZAAZ, consisting of the letters 'ZAAZ' in a white, sans-serif font inside a green oval.

ZAAZ Motion Therapy Devices feature oscillation Whole Body Vibration (WBV). Originally created for NASA astronauts for muscle strength and bone density recovery needed after prolonged exposure to a zero-gravity environment, benefits of WBV have been detailed in hundreds of medical journals and research studies worldwide.

- **Effect of WBV on Pain, Disability, Balance, Proprioception, Functional Performance, and Quality of Life in People with Non-Specific Lower Back Pain**  
T. Zafar et al. *Journal of Clinical Medicine*, 2024 (<https://pubmed.ncbi.nlm.nih.gov/38541865>)  
Conclusion: WBV significantly improves pain, disability, balance, and proprioception in individuals with non-specific chronic lower back pain.

**WBV therapy for painful distal sensory peripheral neuropathy:**

- N.J. Kessler et al. *Journal of Clinical Medicine*, 2013 (<https://pubmed.ncbi.nlm.nih.gov/24139013>)  
Conclusion: WBV appears to be an effective, non-invasive treatment for pain associated with distal sensory PN.

**Whole-Body Vibration Training Increases Stem/Progenitor Cell Circulation Levels and May Attenuate Inflammation**

- Y. Jawed et al. *Military Medicine* 2020 (<https://pubmed.ncbi.nlm.nih.gov/32074302/>)  
Conclusion: WBV may have positive vascular and anti-inflammatory effects. WBVT could augment or serve as an exercise surrogate in warfighters and others who cannot fully participate in exercise programs, having important implications in military health.

**Whole-Body-Vibration Training and Balance in Recreational Athletes With Chronic Ankle Instability**

- R. Sierra-Guzman et al. *Journal of Athletic Medicine* 2018 (<https://pubmed.ncbi.nlm.nih.gov/29569943/>)  
Conclusion: Only the group using WBV showed improvements on the Biodex Balance System

**Case study: Low Frequency Vibratory Exercise Reduces Risk of Bone Fracture More Than Walking**

- Gusi et al. 2006 (<https://www.biomedcentral.com/1471-2474/7/92>)  
Conclusion: The 8-month course of vibratory exercise is more effective than walking to improve two major determinants of bone fracture: BMD and balance