

VibeTech's Therapeutic Vibration Technology

VibeTech is leading the therapeutic vibration industry through scientific discovery, technology development, and clinical testing. We are working to establish international standards for this budding field as well as developing best practices to guide healthcare policy as this technology is adopted across care settings.

Our products continue to evolve to better accommodate patients on the lowest end of the dysmobility spectrum, simplifying how care is delivered to this population through Smart Dosing™, and better informing providers with patient progress tracking tools.

By removing the barriers to physical activity and better engaging your patients with the therapeutic target of fall reduction, individuals most susceptible to falls and fall-related injuries can now receive the benefits of exercise comfortably from a chair or wheelchair with-or-without putting forth any physical exertion.



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How it Works

VibeTech's therapeutic vibration mimics minute muscle contractions that take place during physical activity. By isolating this signal and applying it through the feet, the lower body receives a full workout in a matter of minutes without effort.



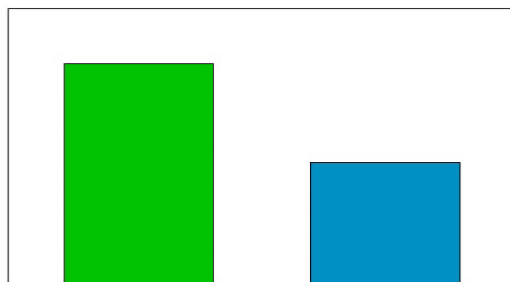
Treatment activates more muscle fibers than traditional exercise, making activities of daily living much easier to perform and alleviating pain for hours after each session.

No other product yields such significant gains from the comfort and safety of a chair, and no other solution offers such promise for reducing falls as VibeTech's therapeutic vibration technology.



VibeTech Clinical Results

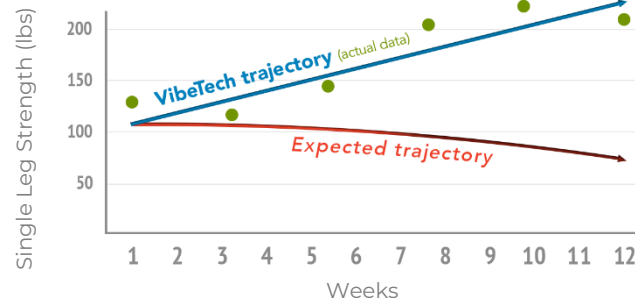
45% Fewer Falls



■ Pre ■ Post

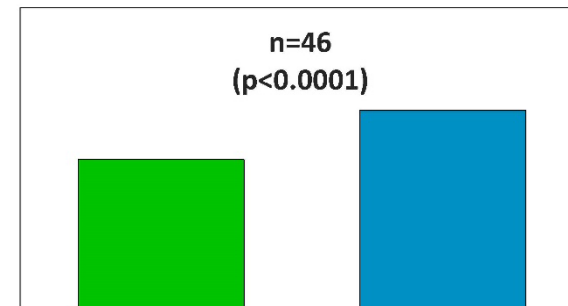
Six (6) memory care residents each received 1 to 2 VibeTech treatments per week for 3 months and experienced 45% fewer falls than the 3 prior months (11 total falls vs. 20)¹.

Strength Gain



A physically declining diabetic neuropathy patient with a fear of falling tripled their strength after receiving VibeTech treatments once every 1-2 weeks for 3 months².

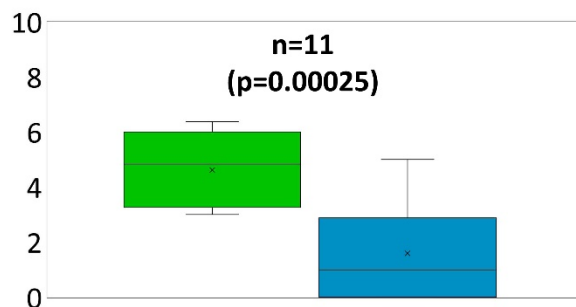
32% Gain in Passive Squat Depth



■ Pre ■ Post

The average increase in comfortable range of motion users experience is 32% immediately after a 10-minute VibeTech treatment³.

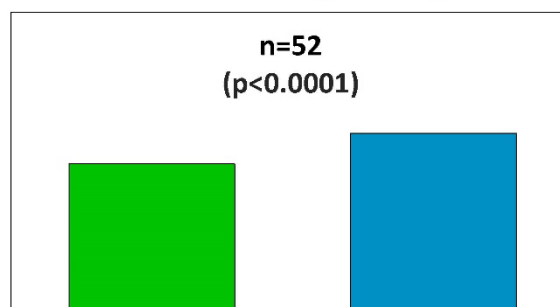
66% Reduction in Pain



■ Pre ■ Post

Individuals with moderate-to-severe pain in their lower extremities and low back experienced an immediate reduction in pain of 66% following VibeTech treatment⁴.

20% Gain in Leg Strength



■ Pre ■ Post

The average increase in leg strength users experience immediately after VibeTech treatment is 20%³.

Recent Publications:

1. Jacoby D. & Leisner, J. Therapeutic Vibration Pilot Study Reduces Falls and Improves Mobility and Confidence in Residents with Dementia. Archives of Physical Medicine and Rehabilitation 100: e206; Dec. 2019. <https://doi.org/10.1016/j.apmr.2019.10.139>
2. Leisner, J. New Biophysical Stimulation Modality Provides Significant Strength Gains to Diabetic Neuropathy Patient. Archives of Physical Medicine and Rehabilitation 100: e190; Dec. 2019. <https://doi.org/10.1016/j.apmr.2019.10.085>
3. Leisner, J. Validation of a Seated Therapeutic Vibration System that Treats, Assesses, and Tracks Patients. Archives of Physical Medicine and Rehabilitation 100: e210; Dec. 2019. <https://doi.org/10.1016/j.apmr.2019.10.152>
4. Leisner, J. Seated Therapeutic Vibration for Effective, Non-Opioid Pain Relief in People with Moderate-to-Severe Pain. Archives of Physical Medicine and Rehabilitation 100: e200; Dec. 2019. <https://doi.org/10.1016/j.apmr.2019.10.117>



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