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V-Health

Interactive Weightbearing Exercise Platform

An Innovative Exercise Platform that can Improve Functions and Structures of the Human Musculoskeletal System

- Prevention and improvement of osteoporosis
- Improvement of blood circulation
- Improvement of muscle functions
- Relief of low back pain

Low Magnitude, High Frequency Whole Body Vibration Stimulation

Low-magnitude and high-frequency Interactive Weightbearing Exercise Technology has been proven to produce beneficial effects on several musculoskeletal conditions. By using this technology, **V-Health** Platform provides whole-body vibration stimulation for the improvement of osteoporosis and easing it related musculoskeletal problems.

V-Health Platform facilitates multi-factorial improvements on:

- Muscle (Balancing ability, Lower limb extension strength, Low back pain)
- Bone (Bone mineral density: spine, lower limb)
- Circulation (Blood flow of whole body)
- Fracture healing (Callus formation and remodelling)

Suitable for Most People

Low-magnitude and high-frequency vibration can be applied on most people, even the very elderly.

High Performance & Energy Efficiency

V-Health Platform employs innovative and unique vibration technology that is highly energy efficient, less prone to wear-out, and quiet in operation.

Simple & Easy to Operate

Ideal vibration frequency and magnitude are preset for normal users and for easy administration of operators. Users or operators can just place the user smart cards on the control panel to start operation. The panel will also display a user's cumulative usage in the past 90 days.

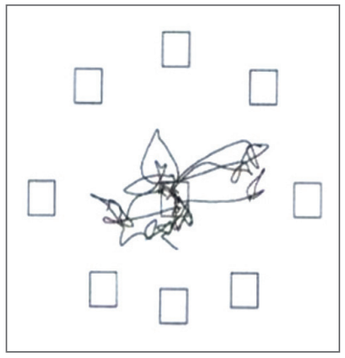
Portable & Space Saving

V-Health Platform is small in size and light in weight, together with the rear wheels, it allows easy delivery and handling.

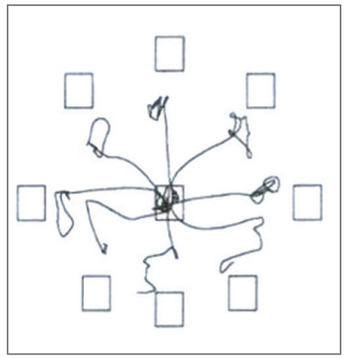
Research Finding

Improvement on Balancing Ability

Study of Interactive Weightbearing Exercise on balance-deficit elderly conducted at The Chinese University of Hong Kong showed that the elderly, after taking vibration treatment, obviously managed to control their muscle better and direct themselves to the designated directions in short times.

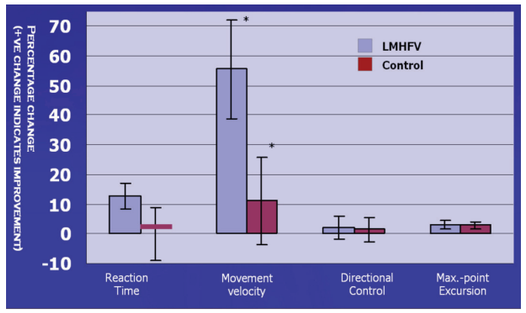


Before Treatment



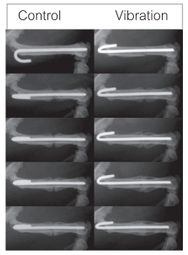
After Treatment

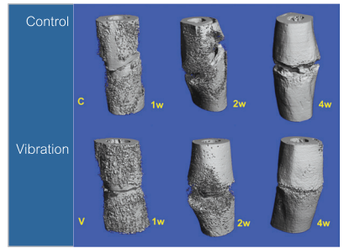
Their reaction time and movement velocity also have substantial improvement.



Speed up Fracture Healing

Animal experiments conducted at The Chinese University of Hong Kong revealed that low-magnitude and high-frequency Interactive Weightbearing Exercise can accelerate healing of bone fractures by 30%. Distinct improvement could be seen after two weeks.





Usage

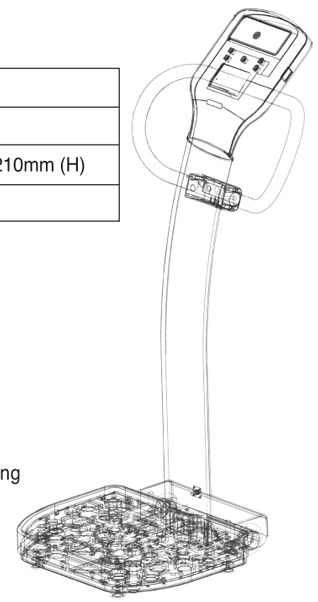
Stand upright on the **V-Health** Platform and place the smart card on the designated position on the control panel, the machine will start immediately after a few seconds. It takes 20 minutes per exercise session.

5 smart cards are provided for each set of **V-Health** Platform. Each smart card applies to one user only.

Technical Parameters

Standard frequency	35 Hz
Standard amplitude	0.08mm
Dimensions	600mm (L) x 680mm (W) x 1210mm (H)
Weight	30kg

US and Worldwide Patent Pending



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