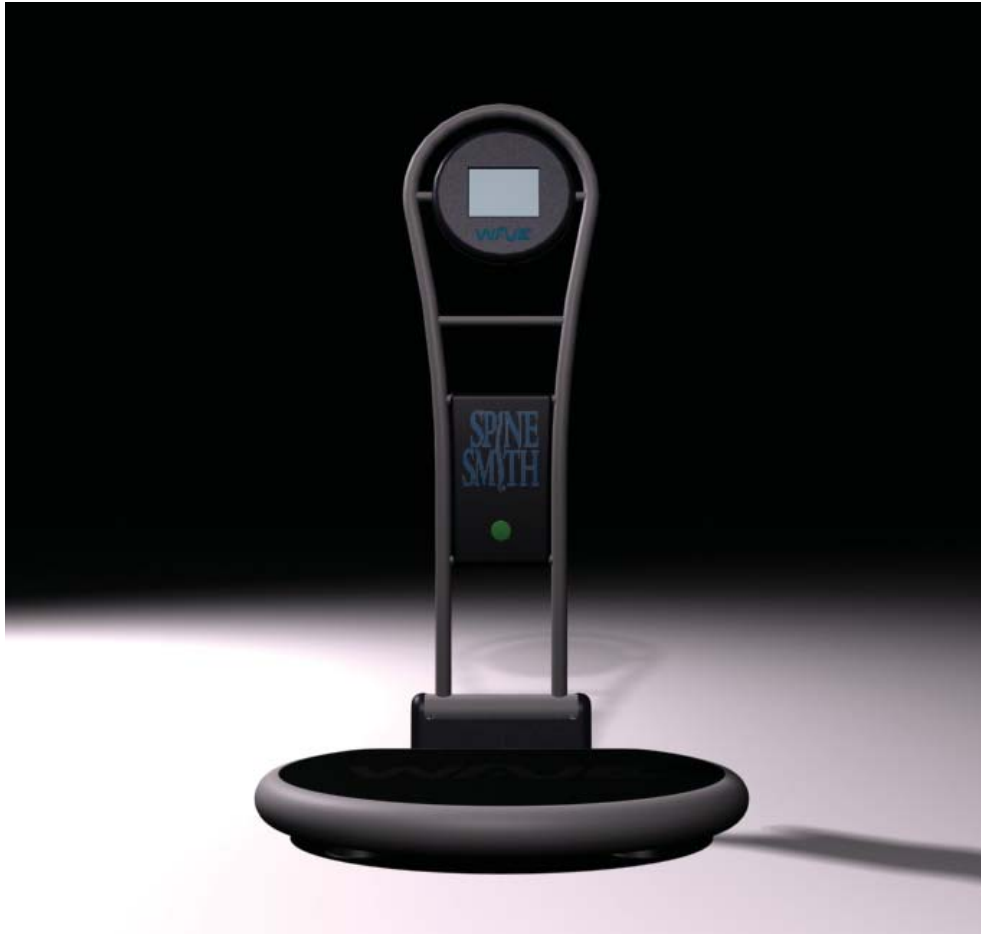


# WAVE

## Whole-body Advanced Vibration Therapy



### PROMISING RESEARCH IN VIBRATION THERAPY SUPPORTS EFFECTS ON:\*\*

- Bone Mineral Density
- Preparing the body for surgery by enhancing the natural healing response mechanisms
- Hormones known to recruit cells for tissue regeneration
- Circulation to promote revascularization and recovery after surgery
- Specific mechanical loading necessary to direct bone growth
- Balance and gait to decrease risk of re-fracture or re-injury
- Provides patients an option for physical activity necessary for recovery

\*\* Data includes independent studies only. This literature has not been evaluated by the FDA for WAVE. WAVE is not intended to treat, diagnose or cure diseases.

Recent scientific research indicates the type of vibration process WAVE technology produces, which is similar to vigorous exercise, can improve circulation, reduce pain, and increase flexibility, with minimal stress to joints — in a fraction of the time of conventional therapies. Increasing circulation helps prepare the surgical site by stimulating the body's natural healing response and promoting revascularization and recovery after surgery. WAVE technology may stimulate and produce growth factors to recruit regenerative cells that play an important role in healing and recovery. By simulating high mechanical stresses (or strains), WAVE stimulates the body's biological control system that directs bone formation, thus strengthening the skeleton and activating resident cells within bone tissue.

Physiological effects on the body may include an increase in muscle activity, bone density, and circulation. Whole-body Advanced Vibration Therapy allows patients to achieve the therapeutic benefits of vibration-assisted exercise with less stress on joints, ligaments, and tendons than with existing vibration devices. Additionally, pre-operative vibration therapy may aid the body's healing process.\*

\* This device is classified as a CLASS I Device under 21 CFR 890.5380 Powered Exercise Equipment 89BXB. Data on file from independent studies only and has not been evaluated by the FDA for WAVE. WAVE is not intended to treat, diagnose or cure diseases.

## Literature

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