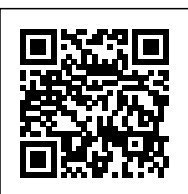


BELLABEE COMBINATION THERAPY: ADDITIONAL INFORMATION FOR SPECIALISTS

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BELLABEE is a wearable Neuromodulation (NM) device used for Non-Invasive Brain Stimulation (NIBS). It uses Pulsed Electro-Magnetic Field (PEMF) Therapy to modulate brain wave patterns and Neuroplasticity (NP) to maintain long-lasting results by adjusting the brainwaves within the natural frequency range using the Frequency Following Response (FFR) and Brainwave Entrainment (BWE). In this way, Bellabee acts like an external digital metronome, guiding brainwaves to the required frequencies. The device is positioned at the back of the head against the Cerebellum, which fine-tunes the brain's responses through neural networks connected to every part of brain, producing changes throughout the brain, nervous system, and entire body.

BRAINWAVES: Human brainwave frequencies range from 0.5 – 135 Hz. Combinations of these frequencies are always present, in various amplitudes and symmetries, between both sides of the brain, with a dominant “leader” frequency or frequency band that is considered normal for each state.

ASSOCIATED FREQUENCY BAND: Deviation from the normal frequency can cause problems and disorders. Achieving equilibrium between the brainwaves in the right and left side of the brain (inter-hemispherical symmetry) is also important for the brain to function properly.

DOMINANT/ PEAK FREQUENCY: Most brain states have a Dominant Brainwave Frequency (DBF) or frequencies within the associated frequency band. Bellabee boosts this DBF (via FFR and BWE) so the adjacent frequencies can strengthen the required response by following the DBF.

FREQUENCY DEVIATION: Brainwave frequency abnormalities can be caused by many factors. They can be hereditary, neurological, or psychiatric or caused by traumatic brain injury or space occupying lesions. These abnormalities can be observed on an Electroencephalogram (EEG) and EEG Mapping (QEEG).

ASSOCIATED PROBLEMS/ DISORDERS OBSERVED: Frequency deviation impedes the associated brain state from reaching its full potential and/or can produce disorders.

HOW BELLABEE HELPS: Using pre-set programs, Bellabee enhances the specific state-associated DBF. The frequencies immediately surrounding the DBF follow the “leader” frequency, thereby boosting the beneficial effect.

IMPROVEMENT: For people who are struggling to perform well or incapacitated by symptoms of a disorder, this boost in DBF (and surrounding frequencies) optimizes the associated brain state and/or decreases the symptoms of the brain disorder.

LONG-TERM BENEFITS: Bellabee guides the brain toward optimal frequency patterns. With repeated use, it retrains and rewires the brain using neuroplasticity. Over time, the brain requires less

input from the Bellabee since the results are long-lasting.

BELLABEE ADVANTAGES: Bellabee is affordable, easy to use, portable, compact, customizable, non-invasive, and safe (its energy use is in the range of 100-200 micro-tesla, and the current is the same as required by headphones plugged into a mobile device). Side-effects are minimal or non-existent and it can be used alone or with other treatment modalities (including neurofeedback, pharmacological, psychological or other therapies).

CUSTOMIZATION OPTIONS: In addition to pre-set programs, Bellabee users can create custom programs that tailor the frequency and duration to their specific needs.

