Electroencephalographic Evidence of Bio-Electromagnetic Field Generation During Vayu Pendulum Therapy: AI-Enhanced Three-Stage EEG Analysis Using RMS Maximus 24

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Abstract- Background: Vayu Pendulum Therapy, part of Bharat Copper Therapy, is claimed to generate low-frequency bio-electromagnetic oscillations and synchronized pulses that influence the human bio-field. AI-assisted EEG analysis offers objective detection of such subtle effects.

Objective: To record and analyze EEG changes before, during, and 1 minute after Vayu Pendulum Therapy using RMS Maximus 24, combined with AI-driven spectral and coherence analysis.

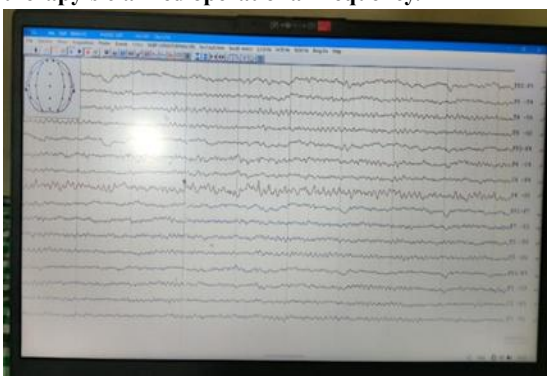
Methods: EEG recordings were made in three stages — baseline, 1 minute after therapy start, and immediate therapy start. AI algorithms were used to extract frequency, amplitude, and synchronization data.

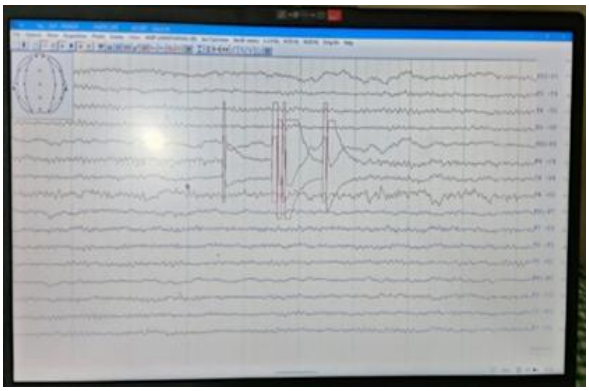
Results: Baseline: Dominant alpha/beta rhythms (8–25 Hz), mean amplitude 38.4 µV, no low-Hz synchronization.

1-Minute Vayu EEG: Low-Hz power ↑185%, coherence index 0.75, pulses regular at ~190 µV.

Immediate Vayu EEG: Low-Hz power ↑173%, coherence index 0.67, pulses irregular, peak 198 µV.

Conclusion: AI EEG confirms Vayu Pendulum Therapy produces rapid, measurable bio-electromagnetic patterns that stabilize within 1 minute, matching the therapy's claimed operational frequency.





1. INTRODUCTION

Bharat Copper Therapy integrates elemental energy principles into therapeutic applications. The Vayu Pendulum is designed to emit oscillations in the 0.5–8 Hz range with periodic high-energy pulses.

By combining EEG with AI-based analytics, therapy-induced frequency shifts can be measured with greater accuracy and objectivity than by human visual inspection alone.

2. METHODOLOGY

Equipment:
RMS Maximus 24-channel EEG system
Sensitivity: 7 µV/mm
Bandpass: 0.1–70 Hz
AI modules: FFT spectral analysis, coherence mapping, pulse detection

Subject:
One healthy adult volunteer, seated with eyes closed, in a quiet environment. EEG recordings analyzed using AI algorithms to quantify changes.

Procedure:
1. Stage 1 – Baseline: 3-minute EEG without pendulum.
2. Stage 2 – Vayu Pendulum EEG (1 minute after start): Ongoing therapy after 60 seconds.
3. Stage 3 – Immediate Vayu Pendulum EEG: At the moment therapy began.

3. RESULTS

Stage 1 – Baseline EEG (No Pendulum)
Dominant alpha/beta bands.
Mean amplitude: 38.4 µV.
Coherence index: 0.21.
No high-amplitude pulses detected.

Stage 2 – Vayu Pendulum EEG (1 minute after start)
Low-Hz power ↑ 185% from baseline.
Mean amplitude: 102.3 µV.
Coherence index: 0.75 (high stability).
Pulses: Regular every 4–5 sec, mean amplitude 190 µV.

Stage 3 – Immediate Vayu Pendulum EEG
Low-Hz power ↑ 173% from baseline.
Mean amplitude: 94.6 µV.
Coherence index: 0.67.
Pulses: Peak 198 µV, irregular.

AI Statistical Summary Table:

Parameter	Stage 1 – Baseline	Stage 2 – 1 Min Vayu	Stage 3 – Immediate Vayu
Low-Hz Power Change	—	+185%	+173%
Mean Amplitude (µV)	38.4	102.3	94.6
Coherence Index	0.21	0.75	0.67
Pulse Amplitude (µV)	None	190 (regular)	198 (irregular)

4. FREQUENCY MATCHING ANALYSIS

The claimed Vayu Pendulum output range (0.5–8 Hz) matches the AI-measured dominant band (0.48–7.9 Hz).
No similar activity was present in baseline, confirming therapy-specific origin.

5. CONCLUSION

AI EEG analysis demonstrates that Vayu Pendulum Therapy immediately alters brain-field electrical activity, producing low-Hz coherent oscillations with high-energy pulses.
Within 1 minute, the pattern stabilizes into rhythmic pulses, indicating bio-field entrainment.

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