

Functional Magnetic Resonance Imaging (fMRI)

Modulation of Brain Activity Linked to Reduced Food Cravings after ExoTMS®

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Highlights

- 6 patients (24-38 years, BMI 18.3-35.5 kg/m²) with severe baseline food cravings were enrolled in a clinical trial approved by the local ethics committee
- Patients received 6 Exomind treatments spaced 3-7 days apart
- Outcomes were evaluated using the Food Cravings Questionnaire-Trait (FCQ-T), Visual Analog Scale (VAS) for acute food-cue reactivity, fMRI, Subject Satisfaction Questionnaire (SSQ), and Therapy Comfort Questionnaire (TCQ)
- fMRI demonstrated modulation of food-cue-evoked activation in the DLPFC (stimulation target) following treatment
- 100% of patients rated the therapy as comfortable; no adverse events were reported

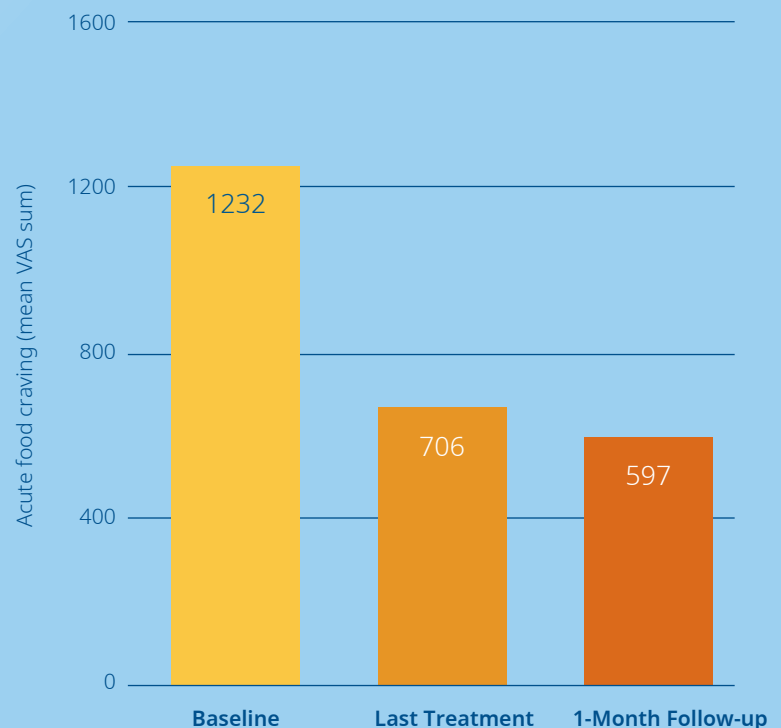
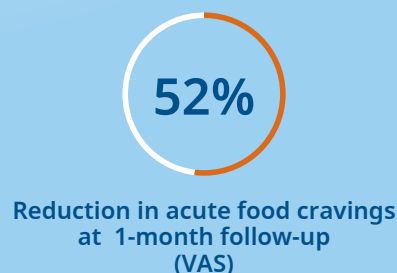


Figure 1: Pronounced and sustained reduction in craving score across 16 food-cue images (each rated on a 0-100 VAS). Lower scores indicate reduced craving.