INDIVIDUAL CASE REPORT | n = 1

Communication, regulation and everyday adaptability

Autism | Individual case report

A developmental case pairing reported changes in everyday behavior with baseline and follow-up brain maps.

7-year-old girl

Reported functional changes

Paired qEEG images

REPORTED EXPERIENCE

The report describes improved emotional regulation, social understanding, language use, motor learning and adaptability, together with less anxiety. These observations were not accompanied by standardized developmental or behavioral scores.

THE OBSERVED COURSE

The source describes a four-part sequence: global 1 Hz, left-sided 25 Hz, right-sided 13 Hz and global 10 Hz. Treatment duration, session frequency and completed session count are not stated in the reviewed narrative.

WHAT THE EEG ADDED

Baseline maps are described as showing excess activity around 7 Hz and 11-18 Hz. The follow-up image is presented as closer to the reference distribution. A more typical map does not establish resolution of autism or quantify functional change.

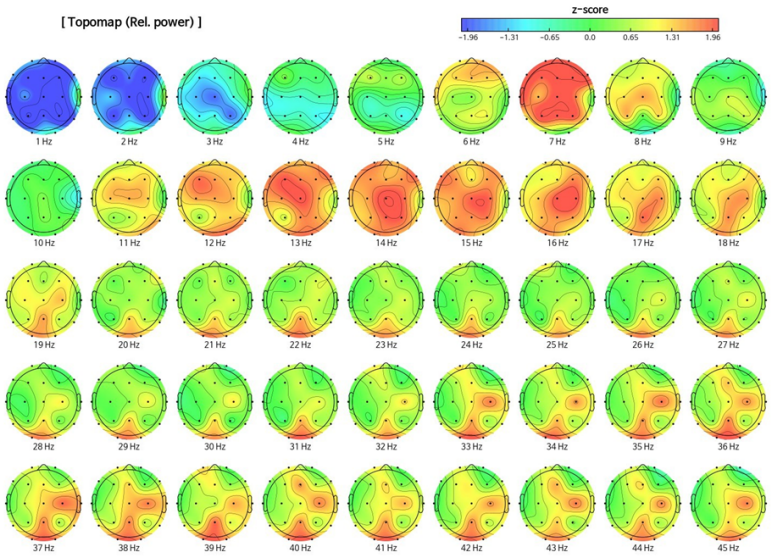
HOW TO READ THIS CASE

The report does not document the contribution of concurrent developmental therapies or educational support. This single case does not establish PBM efficacy for autism, and it cannot predict results in another child.

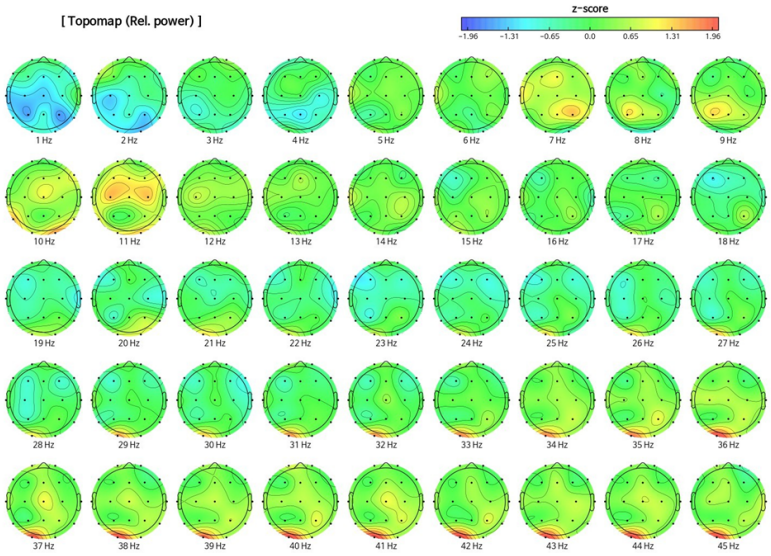
Regulatory context: The PBM functionality discussed here is not FDA-cleared. These observations do not establish a treatment indication for the condition described. This material is not a treatment recommendation.

The source evidence

Original case figures - reproduced without changing the underlying data



Before: original relative-power topomaps, with the source annotations retained.



After: original relative-power topomaps. This is a reference-map comparison, not a measure of autism severity.

SOURCE & CONTEXT

Adapted from IQPA Community Case Series, CASE-2025-EMDNKE. Reviewed November 6, 2026. Figures and observations are from the original case report; no patient outcomes have been generated or estimated.

Read the original IQPA case report | Explore iMediSync