

QEEG Clinical Report

EEGLens



The QEEG report is provided by NPCindex Company, operating under the QEEGhome brand.

Personal Data:

Name: Mobin
Gender: Male
Age: 2019-10-21 - 6.2
Handedness: Right

Clinical Data:

Initial diagnosis: ADHD-Autism-Hyper Activity-R/O Autism
Medication: -
Date of Recording: 2025-10-08
Source of Referral: Ms Rezaei

This case belongs to Ms Rezaei

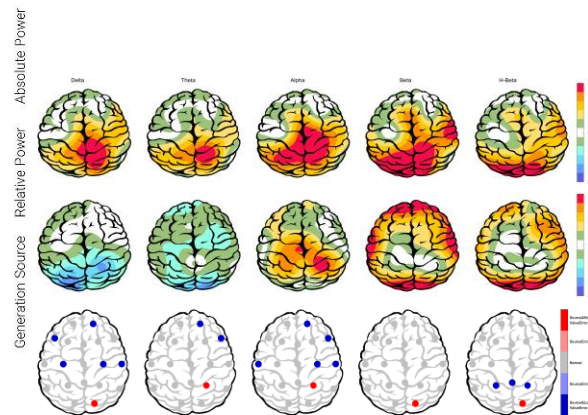
EEG Quality

EO



Z-score Information

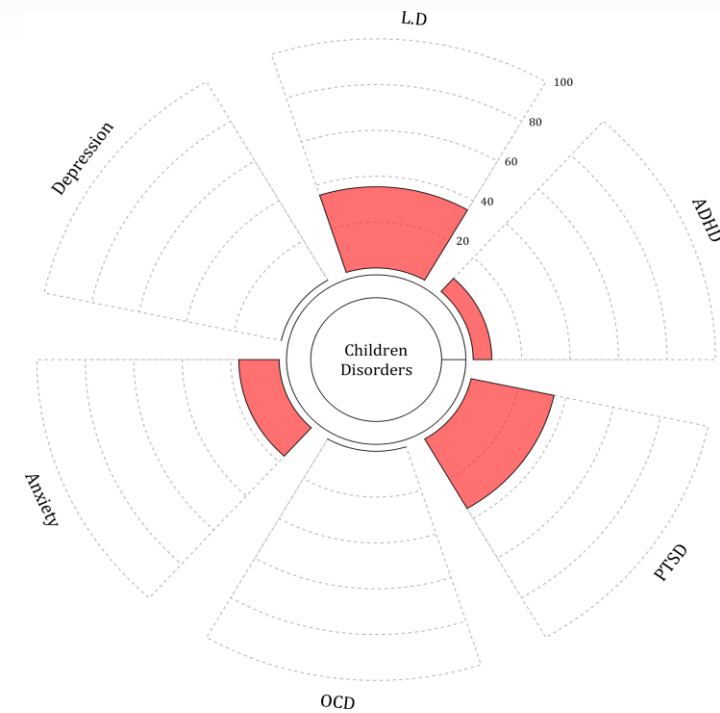
EO



EEG Neuromarker Values

Neuromarker	Region	Value	Assessment
AFP - EO	Frontal	08.67	Normal
AFP - EO	Occipital	09.88	High
Arousal Level - EO	-	-	Normal

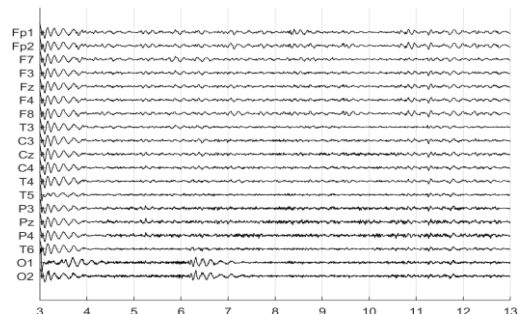
Pathological Assessment



Denoising Information

■ Eye Open

Raw EEG



Rejected Channel



Total Recording Time Remaining:
72.15 sec

Number of Eye and Muscle Elements

Eye: 2

Muscle: 0

Low Artifact Percentage



High Artifact Percentage

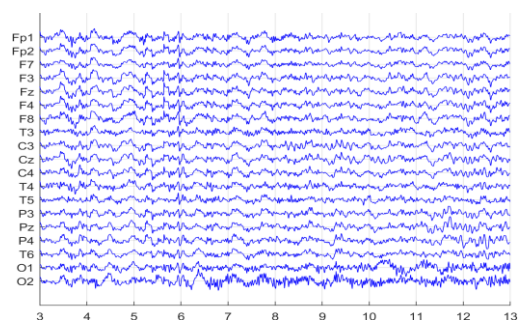


Total Artifact Percentage



EEG Quality: good

Denoised EEG

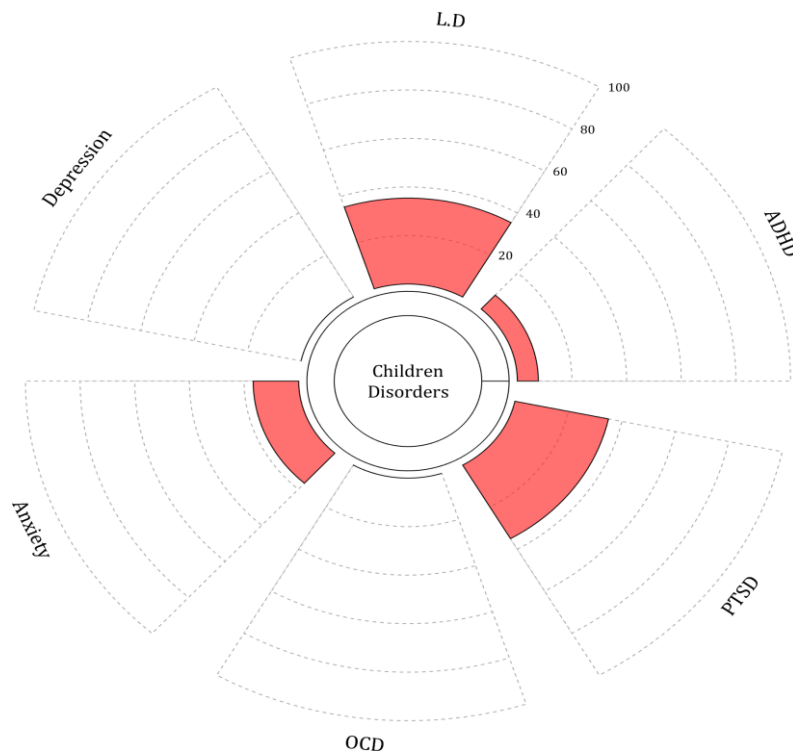


Flat Channel



Pathological Assessment

Main Diagnosis: Children Disorder



ADHD Subtypes

1. Prone to moody behavior and temper tantrums. May respond to stimulants, consider anticonvulsants or clonidine, avoid SSRI.

Description

According to the guidelines, psychiatric disorders in children (under 17 years) include *ADHD*, *learning disorder (LD)*, *PTSD*, *OCD*, *depression*, and *anxiety*. In the above graph, the red area shows the percentage of each disorder from your patient's EEG markers. Observe that each disorder marker is not unique and can be shared with others.

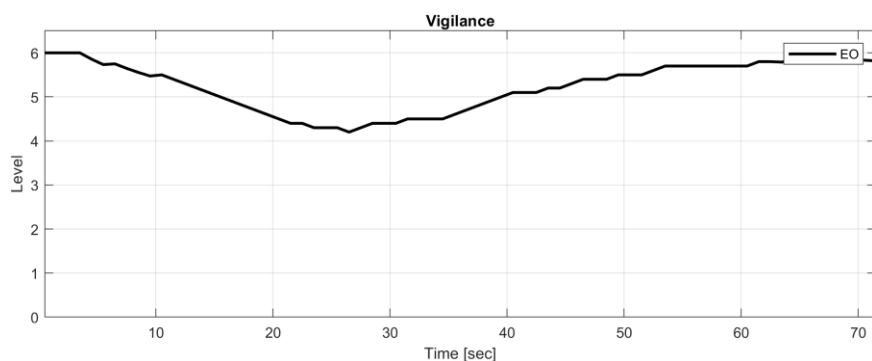
References:

Sadock, B. J., Sadock, V. A., & Ruiz, P. (Eds.). (2025). *Kaplan and Sadock's comprehensive textbook of psychiatry* (11th ed., Vols. 1–2). Wolters Kluwer
 Sadock, B. J., Sadock, V. A., & Ruiz, P. (2022). *Kaplan and Sadock's synopsis of psychiatry: Behavioral sciences/clinical psychiatry* (12th ed.). Wolters Kluwer

■ User Manual



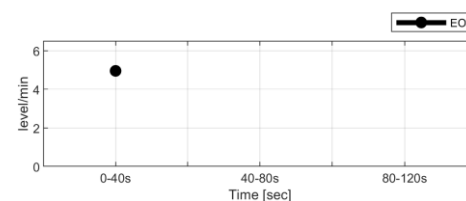
Vigilance



Vigilance Slope

0.55

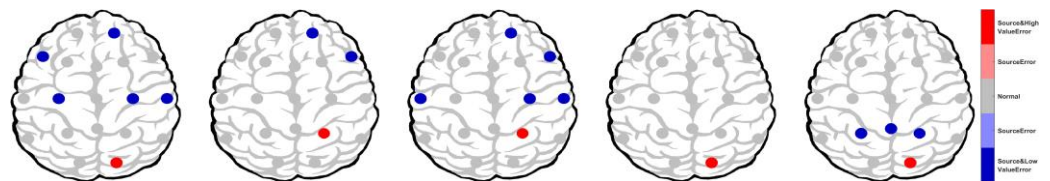
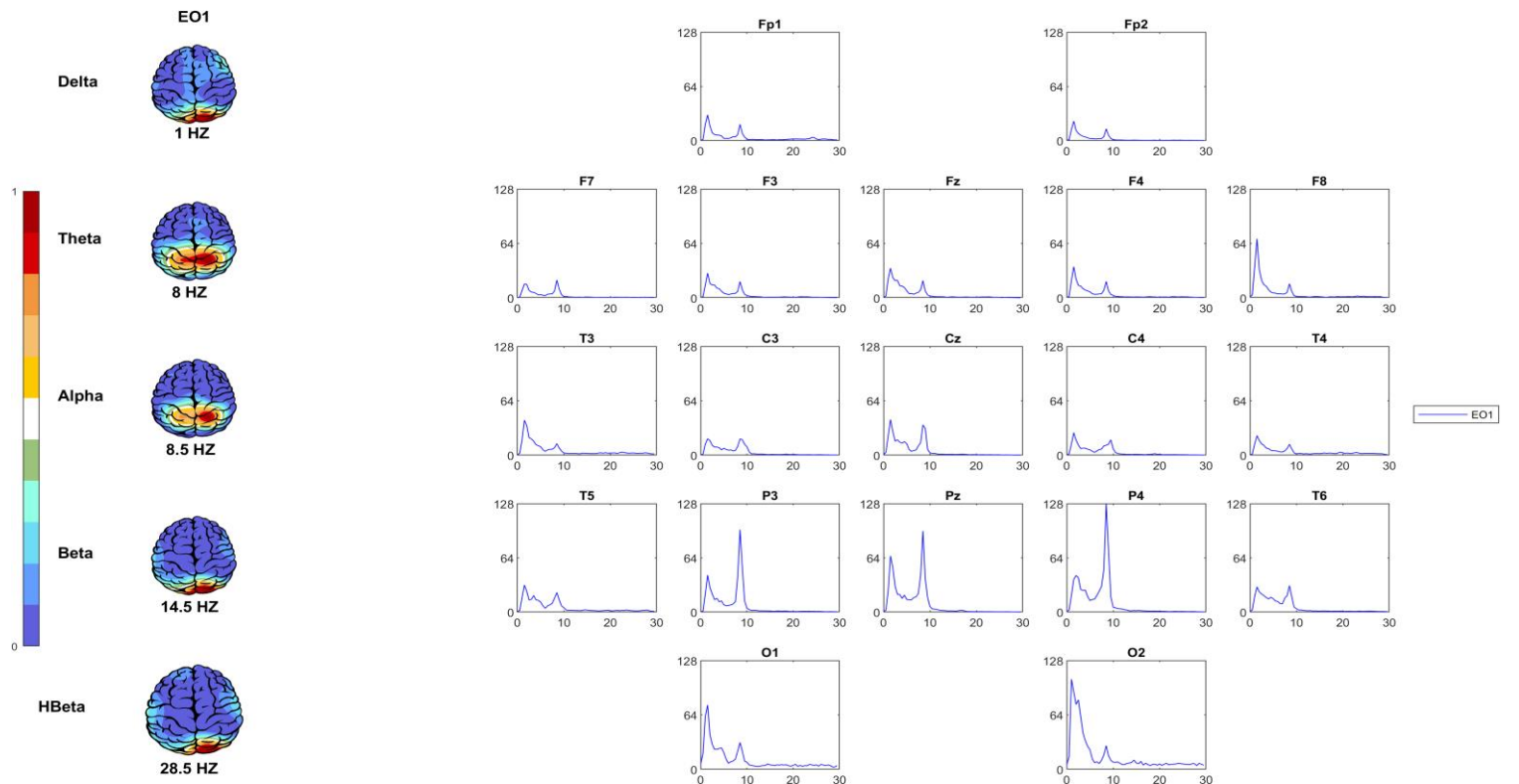
2min



EEG Neuromarker Values

Neuromarker	Region	Value	Assessment
APF	Frontal	08.67	Normal
APF	Occipital	09.88	High
Alpha Asymmetry	Frontal	00.13	Anxiety
Alpha Asymmetry	Occipital	-0.07	Anhedonia
Beta Asymmetry	Frontal	-0.01	Anxiety
Arousal Level	-	-	Normal
Vigilance Level	-	06.00	Normal
Vigilance Mean	-	05.25	Normal
Vigilance Regulation	-	00.55	High
Vigilance 0 Stage (%)	-	62.50	Normal
Vigilance A1 Stage (%)	-	00.00	-

EEG Spectra



Z Score Summary Information

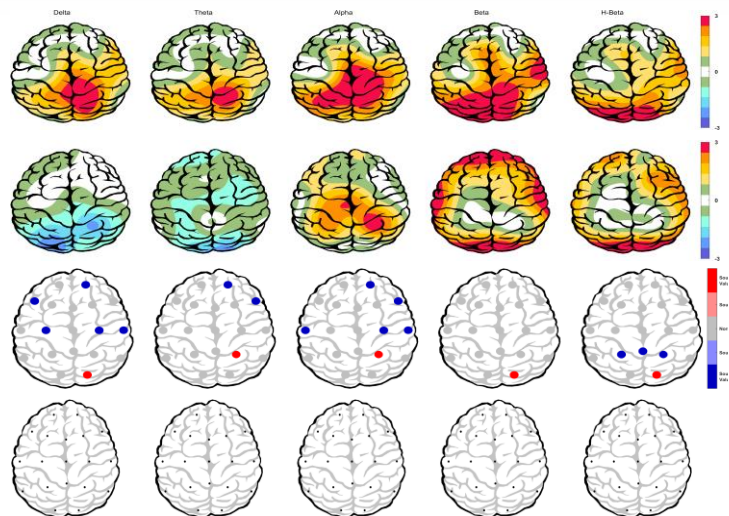
■ Eye Open

Absolute Power

Relative Power

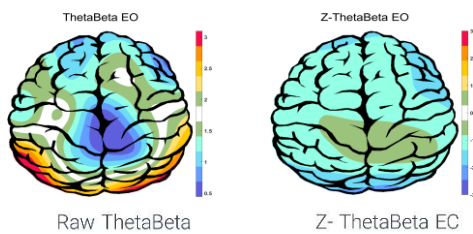
Generation Source

Coherence

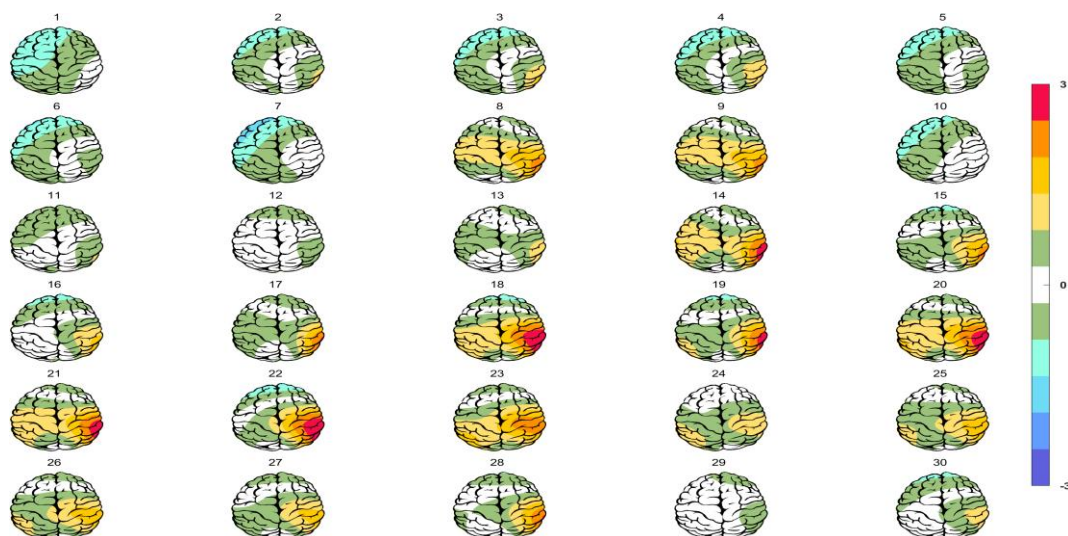


Theta/Beta Ratio

■ Eye Open



Absolute Power-Eye Open



Relative Power-Eye Open

