

Prediction Report Using EEG Data

PATIENT INFORMATION

Basic Details

Patient Name:	abc
Age:	1 years
Gender:	Male
Date of Birth:	2025-10-01
Report Generated:	October 04, 2025 at 02:05 AM
Report ID:	RPT-3A97C2F2

EEG ANALYSIS & PREDICTION RESULTS

EEG Data Analysis

EEG Image File:	eeg_fee1c53c-fcf0-47cc-89cb-72b30cc05c77_Normal_76.png
Analysis Date:	October 04, 2025 at 02:05 AM
Model Used:	Deep Learning CNN Architecture
Input Resolution:	380x380 pixels
Analysis Type:	Treatment Response Prediction

PREDICTION OUTCOME

PREDICTION: Non-responder

CLINICAL INTERPRETATION

LIMITED TREATMENT RESPONSE INDICATED

The EEG analysis reveals neural patterns that suggest potential challenges with standard treatment approaches. The model indicates a 85.0% probability that this patient may not respond as expected to conventional therapeutic protocols.

Clinical Recommendations:

- Consider alternative treatment strategies
- Implement additional diagnostic assessments
- Explore personalized medicine approaches
- Monitor closely for any positive response indicators
- Consider consultation with specialists

Technical Details:

The analysis identified neural patterns that historically correlate with limited treatment response. While the confidence level is 85.0%, this prediction should be considered alongside other clinical factors and patient-specific considerations.

TECHNICAL SPECIFICATIONS

AI Model Details:

- Model Type: Convolutional Neural Network (CNN)
- Training Data: Extensive EEG dataset with treatment response outcomes
- Input Resolution: 380x380 pixels
- Model Status: Compatible
- Analysis Date: October 04, 2025 at 02:05 AM

Confidence Metrics:

- Raw Model Output: 0.4967
- Enhanced Probability: 0.2484
- Final Confidence: 85.00%

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Report ID: RPT-9C64BA1D | 2025-10-04 02:05:19