

# 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 02:06 AM
Report ID:	RPT-5F10AA75

# EEG ANALYSIS & PREDICTION RESULTS

## EEG Data Analysis

EEG Image File:	eeg_61647c0b-3d75-41bf-bf12-9ddf8445083e_Normal_6.png
Analysis Date:	October 04, 2025 at 02:06 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 02:06 AM

#### Confidence Metrics:

- Raw Model Output: 0.4967
- Enhanced Probability: 0.2483
- Final Confidence: 85.00%