

**SYSTEM AND METHOD FOR DIAGNOSING MENTAL DISORDER AND
PREDICTING TREATMENT RESPONSE ON BASIS OF PSYCHIATRIC
EXAMINATION DATA USING EYE TRACKING**

5 **ABSTRACT**

Disclosed is a system and method for diagnosing a mental disorder and predicting a treatment response on the basis of psychiatric examination data using eye tracking. The method of diagnosing mental disorders and predicting treatment responses performed by the psychiatric examination system includes generating user attention information using user's eye-tracking on a monitor screen on which a test is being performed, receiving an input of psychiatric examination data including the generated user attention information into a learning model for diagnosing mental disorders and predicting treatment responses, and deriving result information related to mental disorder diagnosis and treatment response from the psychiatric examination data including the user attention information by using the learning model for diagnosing mental disorders and predicting treatment responses.

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The Most Illustrative Drawing: Figure 2