

## **Determining the drug dose of bipolar disorder using fuzzy logic and genetic algorithm**

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The input of this method is a series of individual characteristics such as sex, age, level of education, etc., as well as the dosage of drugs and the output of this method is clinical information, which is in a fuzzy form. By using the genetic algorithm, the drug dose is obtained so that the difference between the clinical characteristics of the patient and the clinical characteristics obtained from the implementation of the program is equal to zero.