

S01-03 - THE SEARCH FOR FAST ACTING ANTIDEPRESSANT

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Objectives: Many researches conducted in antidepressant therapeutics aimed to obtain a reduction of the delay of action of the drugs. Until now, neither antidepressant per se, nor potentialization strategies (5HT_{1A} agonists), have obtained some significant results. Deep Brain Stimulation (DBS) techniques used in resistant and severe depressive patients have shown a rapid improvement of several patients from the first week of treatment. In that sense, mechanism of action of DBS could represent a model for improving the duration of action of antidepressant.

Methods: Comparison of data extracted from clinical trials using antidepressants and those obtained from brain electro stimulation techniques.

Results: The current data do not allow to conclude to a faster action of DBS technique in depression. However, results obtained from randomized control trials will provide some more powerful data.

Conclusions: a better comprehension of the mechanism of action of DBS is crucial for the improvement of the action rapidity of new antidepressants.