

INPLASY

Acupuncture Therapy for Bipolar Disorder with Patients: A Systematic Review and Network Meta-Analysis

INPLASY202370078

doi: 10.37766/inplasy2023.7.0078

Received: 20 July 2023

Published: 20 July 2023

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ADMINISTRATIVE INFORMATION

Support - Research on the Influence Mechanism and Intervention of Teenagers' Online Game Addiction Based on Traditional Psychology Theory (71904034), Youth Project of National Natural Science Foundation of China.

Review Stage at time of this submission - The review has not yet started.

Conflicts of interest - None declared.

INPLASY registration number: INPLASY202370078

Amendments - This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 20 July 2023 and was last updated on 20 July 2023.

INTRODUCTION

Review question / Objective The aim of this meta-analysis of randomized controlled trials is to evaluate the efficacy of Acupuncture therapy for Bipolar Disorder with patients.

Condition being studied Bipolar Disorder, belonging to mood disorder, it is a serious mental illness with alternating episodes of mania and depression. The main features are manic episode and depressive episode. There are different opinions on the classification of bipolar disorder. Generally speaking, biphasic is divided into two subtypes, namely type I and type II. Bipolar disorder usually begins in teenagers, twenties or thirties, and the lifetime prevalence rate is about 4%. It is very difficult to choose drugs to treat bipolar disorder, because all drugs have obvious

adverse reactions, and drug interactions are common, and no drugs are widely effective. The choice of drugs can be based on the efficacy and tolerance of the patient's previous medication. If there is no experience to follow (or unknown), you can choose according to the patient's clinical records (adverse reactions related to special mood stabilizers) and the severity of symptoms. Commonly used drugs in clinic include lamotrigine, quetiapine and lithium carbonate. Acupuncture therapy is effective in the treatment of bipolar disorder with few adverse reactions, and can be used as an auxiliary treatment for bipolar disorder. How the effect of acupuncture in the treatment deserves further exploration.

METHODS

Search strategy We will search, with 30 years time restrictions, the following databases for relevant

researches: PubMed, Embase, Web of Science and CNKI. The search string will be built as follows: (Bipolar disorder OR Bipolar affective disorder) AND (Acupuncture therapy OR Adjuvant therapy). The electronic database search will be supplemented by a manual search of the reference lists of included articles.

Participant or population Patients with Bipolar disorder (as diagnosed by a clinician, or using any recognized diagnostic criteria) will be included and whose age over 16 with unlimited gender.

Intervention Acupuncture therapy and acupuncture related therapies, which include, auricular point stick in gandrpressing and the simple catgut implantation.

Comparator Medication, acupuncture combined with medication, Chinese herb, and placebo acupuncture.

Study designs to be included Randomized controlled trials (RCTs) will be included.

Eligibility criteria The aim of this meta-analysis of randomized controlled trials is to evaluate the efficacy of Acupuncture therapy for Bipolar Disorder with patients. Patients: age over 16 with unlimited gender. Intervention: Acupuncture therapy and acupuncture related therapies, which include, auricular point stick in gandrpressing and the simple catgut implantation. Comparison: Comparison between Medication, acupuncture combined with medication, Chinese herb, and placebo acupuncture. Outcome: Both positive and negative results are included. Study design: Network Meta-Analysis.

Information sources PubMed, Embase, Web of science, CNKI, Wanfang, VIP databases are included.

Main outcome(s) Hamilton Depression Scale (HAMD) was used for measurement.

Quality assessment / Risk of bias analysis ROB (Risk of bias) will be used in this analysis.

Strategy of data synthesis By using Boolean logic operators combined with the topic (free text term MeSH), the database is searched in detail, and the search terms are bipolar disorder; bipolar affective disorder; depression syndrome; acupuncture; auricular point sticking.

Subgroup analysis Analysis of total effective rate and report on incidence of adverse reactions.

Sensitivity analysis Analysis of total effective rate.

Language restriction None.

Country(ies) involved China.

Keywords Bipolar Disorder; Acupuncture therapy; Network meta-analysis.

Contributions of each author

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