

INPLASY PROTOCOL

To cite: Huang et al.
Intervention effects of four
rehabilitation exercises on
polycystic ovary syndrome: a
Bayesian-based reticulated
Meta-analysis. Inplasy protocol
202230058. doi:
10.37766/inplasy2022.3.0058

Received: 13 March 2022

Published: 13 March 2022

Corresponding author:
Huang Gang

488162690@qq.com

Author Affiliation:
Hunan University of Science and
Technology AND Jiaojiagang
Middle School, Xinning County,
Hunan Province.

Support: 251362.

**Review Stage at time of this
submission:** Completed but not
published.

Conflicts of interest:
None declared.

Intervention effects of four rehabilitation exercises on polycystic ovary syndrome: a Bayesian-based reticulated Meta-analysis

Huang, G¹; Zhou, B².

Review question / Objective: The purpose of this study was to examine the status of differences in the intervention effects of four types of rehabilitation training on polycystic ovary syndrome, and the study method chosen was the RCT experiment.

Information sources: CNKI, WANGFANG, Vip, Web of Science, PubMed, Cochran library, Medline, Embase.

INPLASY registration number: This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 13 March 2022 and was last updated on 13 March 2022 (registration number INPLASY202230058).

Condition being studied: Experimental equipment, personnel, etc.

METHODS

Participant or population: Patients with polycystic ovary syndrome.

INTRODUCTION

Review question / Objective: The purpose of this study was to examine the status of differences in the intervention effects of four types of rehabilitation training on polycystic ovary syndrome, and the study method chosen was the RCT experiment

Intervention: Four types of rehabilitation training.

Comparator: Routine Rehabilitation.

Study designs to be included: RCT.

Eligibility criteria: Criteria for the diagnosis of polycystic ovary syndrome.

Information sources: CNKI, WANGFANG, Vip, Web of Science, PubMed, Cochran library, Medline, Embase.

Main outcome(s): BMI, HOMA—IR, Insulin, LDL, TC, TG.

Quality assessment / Risk of bias analysis: Cochrane Tools.

Strategy of data synthesis: Addis with R-Studio 4.1 software was selected for data analysis, and $P < 0.05$ was considered heterogeneous, and there was heterogeneity in the selection of random effects combined with effect sizes, and there was no heterogeneity in the selection of fixed effects combined with effect sizes.

Subgroup analysis: Subgroups were studied according to disease duration <12 weeks and ≥ 12 weeks.

Sensitivity analysis: Addis software performed a sensitivity analysis to reflect the sensitivity of the article by the change in effect size after the removal of one of the articles.

Country(ies) involved: China.

Keywords: Rehabilitation Training, polycystic ovary syndrome.

Contributions of each author:

Author 1 - Huang Gang.

Email: 488162690@qq.com

Author 2 - Zhou Bojun.