

INPLASY PROTOCOL

To cite: Chen et al. Tianma Gouteng Decoction Combined with Qiju Dihuang Pill For the Treatment of Essential Hypertension: A Protocol for Systematic Review and Meta Analysis. Inplasy protocol 202050088. doi: 10.37766/inplasy2020.5.0088

Received: 24 May 2020

Published: 24 May 2020

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Support: 2019XK152

**Review Stage at time of this
submission:** Preliminary
searches.

Conflicts of interest: No.

Tianma Gouteng Decoction Combined with Qiju Dihuang Pill For the Treatment of Essential Hypertension: A Protocol for Systematic Review and Meta Analysis

Chen, X¹; Li, L²; Xu, X³; Yang, W⁴; Wang, J⁵; Kong, Y⁶; Zheng, J⁷.

Review question / Objective: This study will provide evidence for the efficacy of Tianma Gouteng Decoction combined with Qiju Dihuang Pills in the treatment of primary hypertension due to the efficacy of western medicine alone in treating primary hypertension.

Condition being studied: At present, hypertension patients need to take antihypertensive drugs for a long time, but taking antihypertensive drugs for a long time will not only lead to various adverse reactions of patients, but also lead to continuous reduction of patient compliance.

Information sources: We will search the databases (PubMed, EMBASE, Cochrane Library, CBM, CNKI, VIP, WF) for the systematic review or meta analysis. There is no restriction on the language of publication.

INPLASY registration number: This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 24 May 2020 and was last updated on 24 May 2020 (registration number INPLASY202050088).

INTRODUCTION

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medicine alone in treating primary hypertension.

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taking antihypertensive drugs for a long time will not only lead to various adverse reactions of patients, but also lead to continuous reduction of patient compliance.

METHODS

Participant or population: In line with the diagnostic criteria for essential hypertension, the patient's sex, age, race, onset time and source of cases are not limited.

Intervention: Tianma Gouteng Decoction combined with Qiju Dihuang Pills. The specific traditional Chinese medicines include: Tianma, Uncaria, Poria, Chuanxiong, Alisma orientale, Lycium barbarum, Corni Fructus, Eucommiae Cortex, Scutellariae Radix, Gardenia Fructus, Cyathula officinalis, Chrysanthemum, Haliotidis, etc.

Comparator: The control group was treated with conventional western medicine.

Study designs to be included: Literature search, literature screening, data extraction, software analysis and conclusion.

Eligibility criteria: The randomized controlled trial(RCT) of Tianma Gouteng Decoction combined with Qiju Dihuang Pill in the treatment of essential hypertension is limited to Chinese and English.

Information sources: We will search the databases (PubMed, EMBASE, Cochrane Library, CBM, CNKI, VIP, WF) for the systematic review or meta analysis. There is no restriction on the language of publication.

Main outcome(s): Systolic bloodpressure (SBP); diastolic blood pressure(DBP); Clinical total effective rate; Adverse reaction.

Quality assessment / Risk of bias analysis: Two independent reviewers will assess the quality of included systematic reviews; discrepancies will be resolved through

discussion or third party adjudication. The quality of the reviews will be evaluated using Cochrane Collaboration Network and GRADE tool.

Strategy of data synthesis: We will incorporate the narrative synthesis of the review results and organize them around the types and contents of interventions and the results of the report. We will provide Cochrane Collaboration Network, GRADE tool evaluations for each review in tabular form to show the overall quality and risk of deviations in the reviews included in the overview.

Subgroup analysis: None planned for the systematic reviews.

Sensibility analysis: None planned for the systematic reviews.

Country(ies) involved: China.

Keywords: Essential hypertension; Tianma Gouteng Decoction; Qi Ju Di Huang Wan; Meta analysis.

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