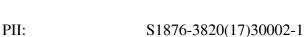
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Add-on effect of Yu Ping Feng formula for childhood asthma: a meta-analysis of

randomized controlled trials

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Abstract

Introduction: Yu Ping Feng Formula (YPFF), a traditional Chinese prescription has been widely

used as an adjunctive to western medicine for the treatment of pediatric asthma in China. The

purpose of this meta-analysis was to evaluate the add-on effect of YPFF in treating pediatric

asthma based on the randomized controlled trials (RCTs).

Methods: The Cochrane Library, PubMed, EMBASE, CNKI, VIP and WanFang databases were

searched up to 31 August 2016. RCTs comparing YPFF combined with western medicine to

western medicine alone for children with asthma were selected. Outcome measures included total

clinical response rate, lung function, T-lymphocytes subtype, immunoglobulin E, and adverse

events.

Results: Fifteen RCTs with a total of 1450 children were identified. Included studies were low to

moderate quality. Compared with western medicine alone, YPFF plus western medicine

significantly improved total clinical response rates of asthma control (risk ratio [RR] 1.21; 95%

confidence interval [CI] 1.11-1.30), forced expiratory volume in 1 second (standardized mean

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