INPLASY PROTOCOL

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Review Stage at time of this submission: Data analysis.

Conflicts of interest: None.

INTRODUCTION

Review question / Objective: Neuropsychiatric events in patients with allergic rhinitis and/or asthma.

Condition being studied: Montelukast was used to treat patients with allergic rhinitis and/or asthma.

METHODS

Participant or population: Montelukast was used to treat patients with allergic rhinitis and/or asthma.

Intervention: Montelukast.

Comparator: Placebo.
Study designs to be included: Randomized controlled trials.

Eligibility criteria: (i) montelukast was used to treat patients with allergic rhinitis and/or asthma; (ii) randomized controlled trials; (iii) full text could be found online and published in English language; (iii) the study provided available data for analysis.

Information sources: MEDLINE, Embase, Web of Science databases and reference lists of the retrieved studies.

Main outcome(s): The occurrence of neuropsychiatric adverse events

Quality assessment / Risk of bias analysis: Cochrane Risk of Bias Tool.

Strategy of data synthesis: STATA 12.0.

Country(ies) involved: China.

Keywords: meta-analysis, allergic rhinitis, asthma, montelukast, neuropsychiatric event.

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