

A Systematic review and meta-analysis of loratadine combined with montelukast for the treatment of allergic rhinitis

Supplementary Online Content

Table 1. Search strategy in PubMed

PubMed		
1	"Rhinitis, Allergic"[Mesh]	23101
2	((Allergic Rhinitides[Title/Abstract]) OR (Rhinitides, Allergic[Title/Abstract])) OR (Allergic Rhinitis[Title/Abstract])	26462
3	"Loratadine"[Mesh]	1244
4	(((((4-(8-Chloro-5,6-dihydro-11H-benzo(5,6)cyclohepta(1,2-b)pyridin-11-ylidene)-1-piperidinecarboxylic Acid Ethyl Ester[Title/Abstract]) OR (Claritin[Title/Abstract])) OR (Sch-29851[Title/Abstract])) OR (Sch 29851[Title/Abstract])) OR (Sch29851[Title/Abstract])) OR (Alavert[Title/Abstract])) OR (Clarium[Title/Abstract])	71
5	"montelukast" [Supplementary Concept]	1895
6	(((((1-(((1R)-1-(3-((E)-2-(7-chloro-2-quinolinyl)ethenyl)phenyl)-3-(2-(1-hydroxy-1-methylethyl)phenyl)propyl)thio)methyl)-cyclopropaneacetic acid[Title/Abstract]) OR (MK 0476[Title/Abstract])) OR (MK-0476[Title/Abstract])) OR (Singulair[Title/Abstract])) OR (montelukast sodium[Title/Abstract])) OR (sodium 1-(((1-(3-(2-(7-chloro-2-quinolinyl)ethenyl)phenyl)-3-(2-(1-hydroxy-1-methylethyl)phenyl)propyl)thio)methyl)cyclopropylacetate[Title/Abstract])	286
7	Randomized controlled trial OR Controlled clinical trial OR Randomized OR Placebo OR Randomly	1731553
8	(1 OR 2) and (3 OR 4) and (5 OR 6) and (7)	41

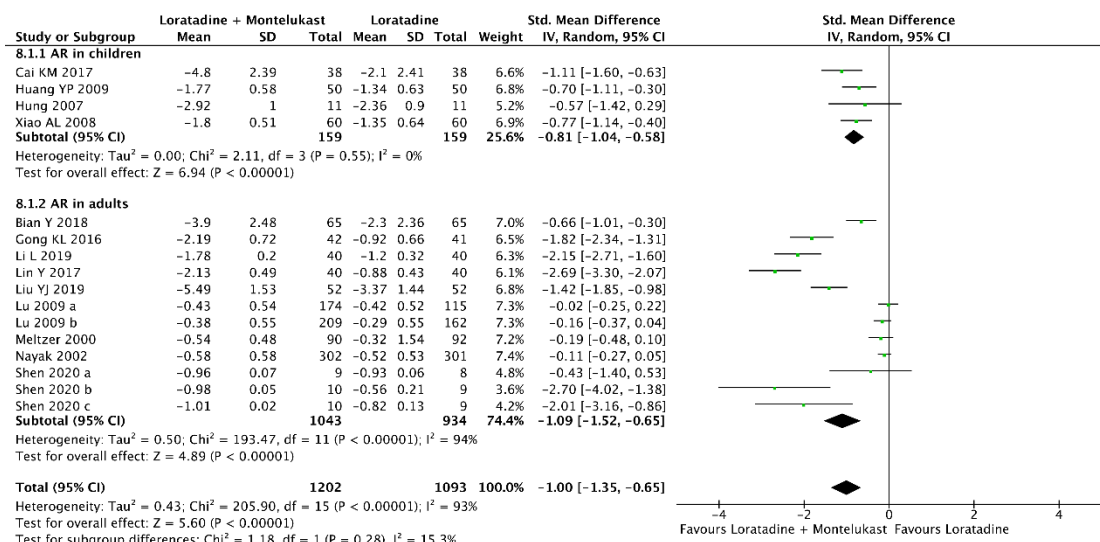


Fig. 1: Loratadine + Montelukast vs Loratadine for total nasal symptom score in children or adult.

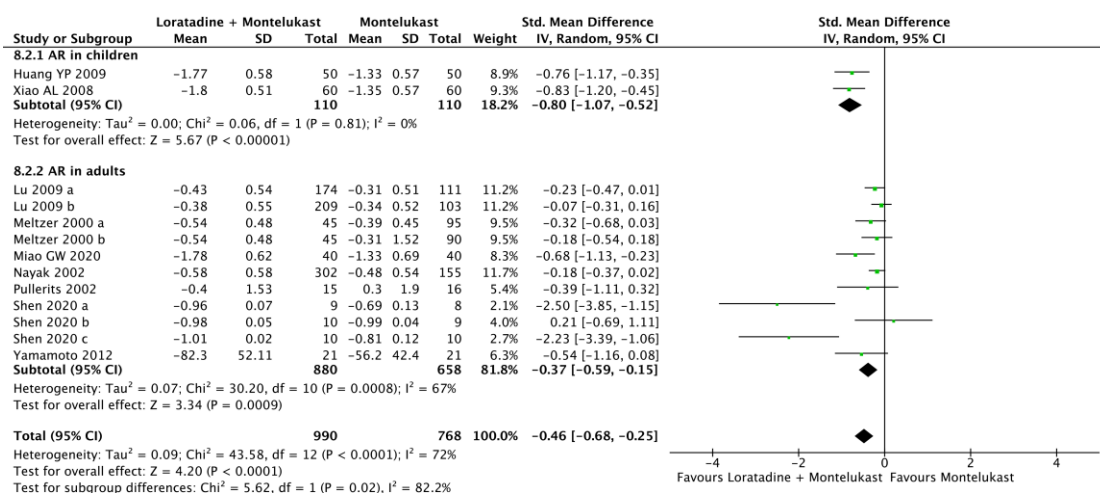


Fig. 2: Loratadine + Montelukast vs Montelukast for total nasal symptom score in children or adult.

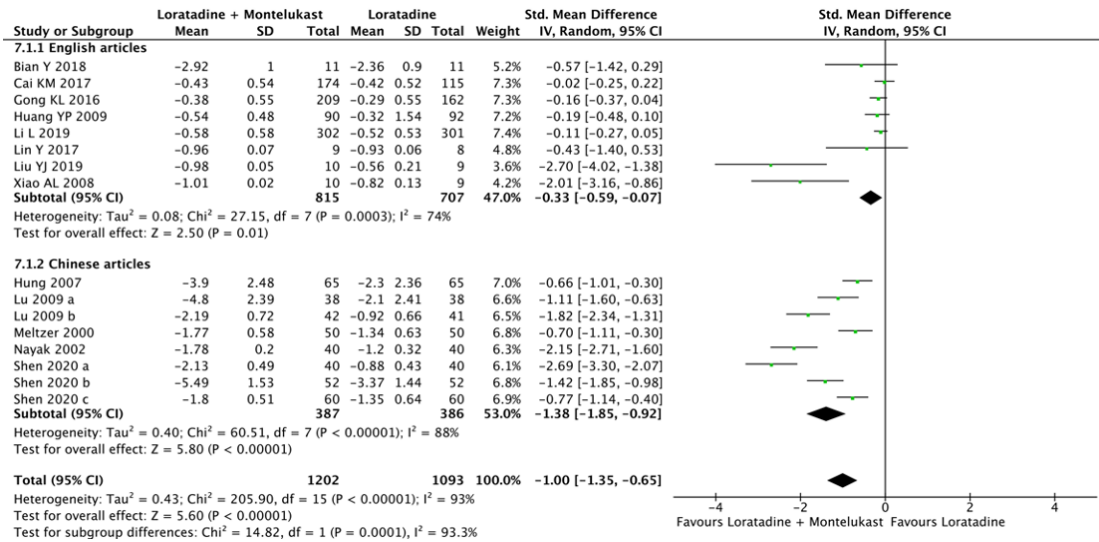


Fig. 3: Loratadine + Montelukast vs Loratadine for total nasal symptom score published in Chinese articles or English articles.

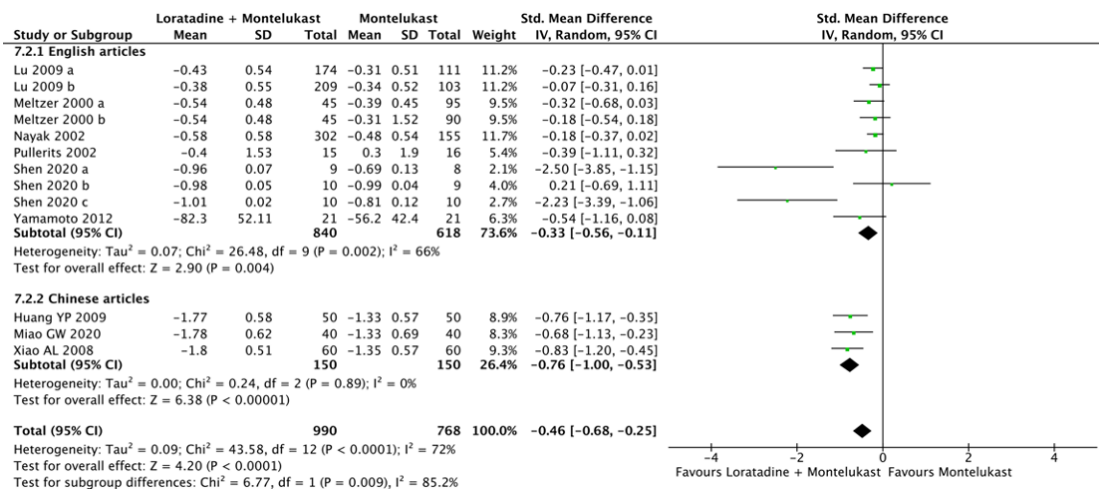


Fig. 4: Loratadine + Montelukast vs Montelukast for total nasal symptom score in English and Chinese articles subgroup

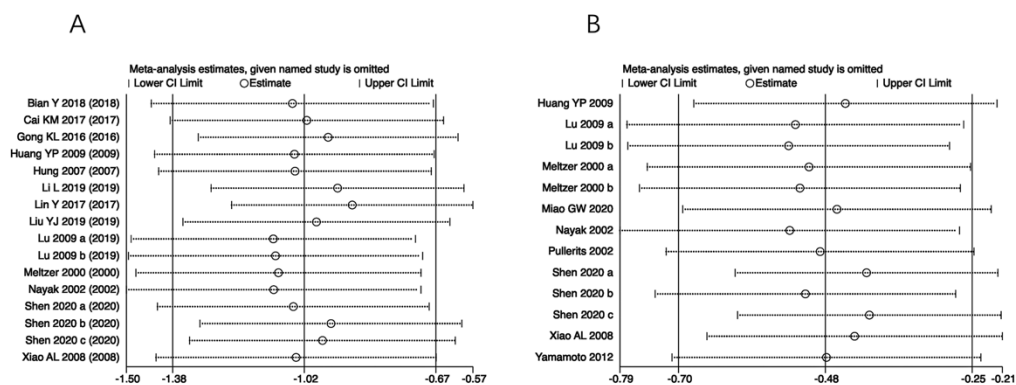


Fig. 5 Sensitivity analysis for total nasal symptom score. loratadine-montelukast versus loratadine (A), loratadine-montelukast versus montelukast (B)

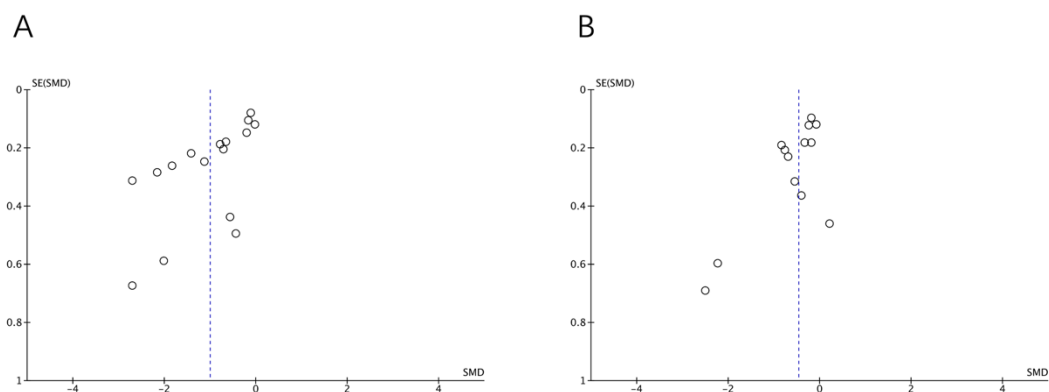


Fig. 6 Funnel plot for total nasal symptom score. loratadine-montelukast versus loratadine (A), loratadine-montelukast versus montelukast (B)