DESCRIPTION OF STUDIES EXCLUDED FROM THE META-ANALYSIS AFTER EVALUATION IN FULL-TEXT FORMAT

1) Initial systematic literature search from inception to Sep 29, 2014 (subtitles represent the reasons for exclusion).

Absence of placebo or no-treatment group


Study protocol


Publication not obtained


Inclusion of individuals <18 years-old


**Different publications of studies already evaluated**


**Intervention and control groups differ not only on use of XOI**


**Results could not be translated**


**Follow-up or treatment duration <28 days**


Abstracts or full-text articles with no extractable data


Review, editorial, observational or quasi-experimental studies


30. Salim AS. The relationship between Helicobacter pylori and oxygen-derived free radicals in the mechanism of duodenal ulceration. Internal medicine (Tokyo, Japan); 1993:359-64.


59. Wortmann RL, Becker MA, Schumacher HR, Jr., MacDonald PA, Hunt BJ, Joseph-Ridge N. Effect of febuxostat or allopurinol on the clinical manifestations of gout: Reduction in gout flares and tophus size over time in the EXCEL trial. Arthritis and Rheumatism 2006;54(9):S642-S.


**Repeated records**


2) Second systematic literature search, from Sep 29, 2014 to January 11, 2016 (subtitles represent the reasons for exclusion).

Abstracts or full-text articles with no extractable data


Results could not be translated


Follow-up or treatment duration <28 days


**Different publications of studies already evaluated**

3) Third systematic literature search from Jan 11, 2016 to December 30, 2016 and hand searching process updated to December 30, 2016 (subtitles represent the reasons for exclusion).

OBS: Some of the articles presented in this section were already found in previous searches. The hand searching process was purposely redundant in order to increase sensitivity for eligible articles.

No placebo or no-treatment group


Intervention group received XOI or uricosuric at investigator’s discretion

**Review, editorial, observational or quasi-experimental studies**


6. Bai W, Zhou W. Clinical research on diagnosis and treatment of patients with renal function damage induced by chronic uric acid nephropathy. China Medicine and Pharmacy 2014;7:214-216. http://caod.oriprobe.com/journals/zgyykkx/%e4%b8%ad%e5%9b%bd%e5%8c%bb%e8%8d%af%e7%a7%91%e5%ad%a6.htm (article in chinese)


Study protocol


Inclusion of individuals <18 years-old


Different publications of studies already evaluated


Study duration less than 28 days


Duration of follow-up different from period on medication

1. Xiao J, Deng SB, She Q, Li J, Kao GY, Wang JS, Ma Y. Allopurinol ameliorates cardiac function in non-hyperuricaemic patients with chronic heart failure. Eur

Ongoing studies or complete results not available


6. NCT01472692 - University of California, San Diego. Treatment of Uric Acid With the Xanthine Oxidase Inhibitor Febuxostat: Effects on Blood Pressure, Metabolic Markers, and


Abstracts or full-text articles with no extractable data


2. Zheng-Xiang T, Quan-qing L, Li Z. Clinical research on allopurinol lowering of uric acid level of chronic kidney disease patient. Journal of Hunan Normal University (Medical Science) 2015;12:54-56. (article in chinese)


Publications not obtained


Results could not be translated

Already found in systematic literature search


Fraudulent studies


