Reviewer's report

Title: The association between serum uric acid levels, metabolic syndrome and cardiovascular disease in middle aged and elderly Chinese: results from the DYSlipidemia International Study

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Reviewer: Barry Palmer

Reviewer's report:

The manuscript describes a study of serum uric acid (SUA) levels and their association with metabolic syndrome and cardiovascular disease in 15,478 participants in the DYSlipidemia International Study from multiple centers in China. After adjusting for multiple covariables, hyperuricemia was a significant risk for metabolic syndrome in both men and women. In addition, elevated SUA concentration was shown to be associated with coronary heart disease and heart failure in both gender groups.

The manuscript is well written and the study appears to have been conducted in a rigorous fashion with impressive statistical power.

Minor Essential Revisions:
Abstract
Method:
documented with SUA # with recorded SUA ???
Page 3/Line 37
central # central
Page 3/Line 46
increasing SUA levels MetS # increasing SUA levels, MetS
Page 4/Line 51
access or assess?
Page 4/Line 53
Chins # China
Page 5/Line 87
by International Diabetes Federation (IDF) # by the International Diabetes Federation (IDF)
Page 9/Line 171
in Chinese population # in Chinese populations
These two authors contribute equally to this work.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests