Reviewer's report

Title: The prevalence of Chlamydia trachomatis infection in Australia: a systematic review and meta-analysis

Version: 1 Date: 20 February 2012

Reviewer: Margaret Hammerschlag

Reviewer's report:

This was a comprehensive, exhaustive and complete meta-analysis of published studies of chlamydial infection in Australia.

1. Discretionary revisions.

The data were interesting, but not surprising given what we know about the epidemiology of chlamydia in various populations world-wide. One difference between these data and data from the US is not discussed. Data from the CDC have found hat the prevalence of chlamydial infection is highest in women 15-19 years of age and the prevalence of infection is 3-5 time higher in these women than men in the same age range. This sex difference is present in all age strata in the US. it would be interesting hear from the authors why this sex difference in prevalence was not observed in Australia except for some studies in indigenous populations. Are you doing a better job of testing males, etc?

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

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.