Reviewer’s report

Title: Sexual behaviour, sexually transmitted infections and attitudes to chlamydia testing among a unique national sample of young Australians: baseline data from a randomised controlled trial

Version: 1 Date: 20 October 2013

Reviewer: Claudia Estcourt

Reviewer’s report:

This is a clear well written study which uses a large and rich dataset & contributes to the literature on young people's sexual behaviour & testing history & highlights possible public health promotion opportunities.

Methods are appropriate & well described. It was particularly useful to see the large number of people who had never previously had sex as they form, as the authors suggest, a useful comparator group.

Results: P4, line 6, it would be helpful for a non-Australian reader to know whether 3.2% Aboriginal / Torres Strait respondents is broadly similar to the general population.

P7, line 16 - were there any other gender differences which could be useful to help plan services to increase uptake of screening in men - this has long been an issue in England's National Chlamydia Screening Progrm & if these data do provide any more insights, they would be well received by British readers.

Discussion P10, line 2 - the authors may wish to look at Saunders J et al 2012 for interest.

Line 15 - I think the authors should acknowledge that these data are now in some cases several years old & changes in attitudes & services over that time may be important to consider when planning services / health promotion initiatives today.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests