Reviewer's report

Title: Cost Analysis and Exploratory Cost-effectiveness of Youth Friendly Sexual and Reproductive Health Services in the Republic of Moldova

Version: 1 Date: 9 April 2014

Reviewer: Margaret fox

Reviewer's report:

This is a very interesting and important piece of research and should be published. I have made some comments below to help improve the paper.

Minor essential revisions

1) Analysis would be more meaningful if error estimates were reported. For example it would be interesting to see confidence intervals, standard errors, standard deviations and P values appropriately reported.

2) Check the average costs of providing YFHS to one person; my calculation is 124000/10250 = 12.09 (assuming 2 consultations per person) not 12.2

3) Check calculation of IEC activity; my calculation is 51000/20000 = 2.55 not 2.59

4) check total cost of rolling out to all 38 centres: my calculation is (37 * 26000) + 89000 is USD 1,051,000 not USD 1,033,000.

5) rethink the cost of an unwanted pregnancy by considering the cost implications of an unwanted child being born and brought up - suggest searching the literature for this. This is important as the costs of an unwanted child goes far beyond the costs of the birth and therefore it is likely to be the case that the cost-effectiveness of this element of the service is vastly under estimated.

6) The authors estimate the cost of rolling out the service to all 38 centres as USD 1,000,000. I would suggest reconsidering this as costs are likely to be different in the short, medium and long term - costs will be higher in the short term with set up costs, recruitment and training costs, but are likely to tail off over the medium and longer term.

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 I have no competing interests