Reviewer's report

**Title:** Feasibility and Validity of using WHO Adolescent Job Aid Algorithms by Health Workers for Reproductive Morbidities among Adolescent Girls in rural North India

**Version:** 3  
**Date:** 14 November 2014

**Reviewer:** Venkatraman Chandra-Mouli

**Reviewer's report:**

I have provided line by line suggestions on what changes need to be made.

**Abstract:**

**Background:**

Line 3: Add the word on before the word adolescent.

**Methodology:**

Line 3: Add the word the before the word knowledge.

**Conclusion:**

Last line: Add the word the before the word modified.

**Key words:**

Please add the word adolescent before the word job aid.

**Introduction:**

Para 1:

Line 3: Add the word the before the word adolescent.

Line 5: Add the word the before the word vulnerable.

Line 6: Replace the word infection with the word infections. Add the word the before the word reproductive. Replace the word varies with the word vary.

Para 2:

Line 4: Replace the phrase ‘the reproductive health…adolescent health’ with the phrase ‘reproductive health in adolescents.’

Line 7: Add the word lay before the word health.

Para 3:

Line 4: Remove the phrase ‘in developing countries’.

Line 6: Add the word primary before the word health.

Line 10: Use lower case in the word information.

Line 15: Add the words ‘and test’

**Methods:**
Study setting:
Line 4: Provide a reference to the report.
Line 8: Replace the word midwife with the word midwives.

Training:
Line 2: Move reference 14 before reference 15.
Line 3: Add the word the before the word urban.
Line 7: Replace the word it with the word them.

Pre and post training assessment:
Line 8: Add the word differing before the word weightage.

Preparation and application of the algorithms:
Line 10: Add the word the before the word colour.
Line 10: Provide a full form of the acronym BMI.

Field testing of the algorithms:
Line 1: Add a ',' after the word training.
Line 3: Add the word the before the word investigator.

Second to last line: Remove the word an before the acronym FGDs.

Ethical issues:
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Statistical analysis:
Line 6: Add the word the before the word investigator.

Results:
Results of pre and post training assessment:
Line 5: Add the word the before the word median.
Line 7: Add a space before the word after.

Agreement:
Line 6: Replace the phrase ‘There were 13 girls who’ with ’13 girls were’.

Second to last line: Add the word the before the word kappa.

Results of focus group discussions:
You have used the acronym before. Please consider using it here.
Line 2: Replace the phrase ‘application of’ with the phrase ‘their ability to use the’.
Line 5: Replace the word analgesic with analgesics.

Discussion:
Para 1:
Line 6: Add the word the before the word basics.
Line 7: Add the word of before the word training.
Line 8: Add the word the before the word modified.
Line 9: Add this text in brackets after the word conditions (table 2 points to where conditions were misclassified).
Line 10: Add a sign '-', between the words algorithm and based.
Line 14: Replace the word will with the phrase 'are likely to'.

Para 2:
Line 3: Replace the word issues with the word problems. Add the word a before the word few.
Line 4: Replace the word Author with the words the authors.
Line 8: Add the word the before the word authors.
Last three lines: Delete the sentence: ‘Also authors think... as well as mothers’. This is beyond the scope of the study.

Para 3:
Line 1: Place the word in with the word a.
Please check if reference 21 addresses self medication. That is not evident from the title.
Line 5: Replace the words ‘adolescent community using the tool’ with adolescents.
Line 6: Delete the phrase ‘follow simple measures in order to0.
Lines 6-7: Replace the words ‘We feel’ with the words ‘The authors believe’.

Para 4:
Line 4: Add the word the before the word application.
Line 5: Delete the word might.
Second to last line: Replace the word few with the word individual.

Last para:
Line 2: Add the word WHO before the word algorithms.
Line 3: Add the phase ‘between the assessment by the investigator and the lay health workers’.

References:
Please check if they are correctly written e.g. in reference 4 the journal is not fully written.