Reviewer's report

Title: Medical Students' Attitudes toward Gay Men

Version: 2 Date: 2 July 2012

Reviewer: Todd Morrison

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Overall, the manuscript has been improved. Below are Minor Essential Revisions

1. Replace “internal consistency” with “scale score reliability” (i.e., Cronbach’s alpha provides an estimate of internal consistency but does not guarantee it).

2. The authors mention that the Kruskal-Wallis test was used to examine differences in medians on various categorical variables including sexual preference. Weren’t individuals identifying as non-heterosexual removed from the analyses?

3. On Table 2, the authors report the proportions that “strongly agree/agree” with scale items. Do the remaining proportions reflect those that “strongly disagree/disagree” or is “don’t know” included in the latter category? For example, 82.3% agree/strongly agree with the item, “Male homosexuality is as natural a sexual expression in men as heterosexuality.” Does that mean 17.7% disagree or does this percentage reflect both “don’t know” and “disagree”?

4. The authors report “men were more variable in their attitudes than women in these two scales” (p. 8). Why ones?

5. The authors state, “sexual prejudice is prevalent” (p. 12). However, inspection of Table 1 suggests this isn’t the case.

6. Page 4, line 2: delete “that”

7. Page 6, line 12: add “to” before “their”

8. Page 7, line 19: replace “showed” with “suggested”

9. Page 7, line 21: replace “in part” with “perhaps” (i.e., low Cronbach alpha coefficients may be attributable to a small number of scale items).

10. Page 10, line 9: the dash after “of” should be deleted.

11. Page 21: For the item, “I won’t associate with gay men if I can help it,” the authors report that 0.0% agreed with this item. Given that the maximal score observed was 7, I would recommend presenting endorsement for this item to the third or forth percentage point.

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

**Quality of written English:** Acceptable

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

**Declaration of competing interests:**

No competing interests