Reviewer’s report

Title: Is there any association between prostate-specific antigen screening frequency and uptake of active surveillance in men with low or very low risk prostate cancer?

Version: 0 Date: 28 Apr 2019

Reviewer: Arun Azad

Reviewer's report:

The authors have used a large, population-based registry from Sweden to interrogate factors that might influence uptake of active surveillance (AS) in low-risk prostate cancer (PCa). The manuscript is generally well-written and the conclusions are sound. Several points need to be addressed however:

1. The authors should comment in more deaths on the fact that this data has been generated only in Sweden, where uptake of AS is very high, and therefore may not be applicable to other countries.

2. One particular limitation of this work is that MRI was not being routinely used in the diagnosis or monitoring of low-risk PCa during the study period in Sweden. "Reassuring" MRI findings may encourage men to commence and/or remain on AS.

3. Did the authors capture whether a Urologist or Radiation Oncologist was the main specialist overseeing care? This could potentially also impact on uptake of AS.

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- Is the exact sample size (n) reported for each experimental group/condition (as a number, not a range)?
- Are the description of any error bars and probability values appropriate?
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