Reviewer's report

Title: The performance of NLST screening criteria in Asian-American lung cancer patients

Version: 2  Date: 31 July 2015

Reviewer: Peizhong Wang

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Lung cancer screening has been a debating topic for a long while. The National Lung Screening Trial (NLST) demonstrated a 20% reduction in lung cancer mortality for screening with low-dose computed tomography versus chest radiography. The suggested screening inclusion criteria by NLST were age 55-74, history of 30+ pack year smoking, or having quit in the last 15 years. However, the study participants for the NLST study were predominantly Caucasians and people with Asian origin were under represented. Authors of the current study aimed to evaluate how the NLST criteria would work if they were applied to Asian immigrants in the United States. This was achieved through examining lung cancer patients at a cancer clinic in New York. Sensitivity analyses were also performed to see how results change by applying different inclusion criteria.

Overall this manuscript was thoughtful and well written. I only have a couple of minor comments.

Major comments:

None

Minor Comments:
1) Introduction section should have a brief description of EGFR/ALK status. This would help people without sufficient genetic background.
2) Table 1: Percentages were not provided in a consistent manner across variables.
3) Figures 1 and 2 don't add additional information beyond that in Tables 2 and 3.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
I declare that I have no competing interests