Reviewers report

Title: Advanced Non-Small Cell Lung Cancer in Patients Aged 45 Years or Younger: Outcomes and Prognostic Factors

Version: 1 Date: 22 March 2012

Reviewer: Digant Gupta

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Advanced Non-Small Cell Lung Cancer in Patients Aged 45 Years or Younger: Outcomes and Prognostic Factors

Major Comments

The article in general is well-written and nicely organized. I have the following major comments/questions for the authors.

1. Was the proportionality of hazards assumption tested prior to conducting Cox analyses? If yes, the details of the assumption testing need to be included. If not, why?
2. Was any assessment of multicollinearity made prior to conducting multivariate analyses? This is usually done using collinearity diagnostics.
3. What statistical package/software was used to conduct the analysis? This needs to be included under the section on statistical analysis.
4. What are the clinical implications, if any, of your work?
5. I think you need to state clearly in a few sentences in either the introduction or the discussion section of your paper as to what is it that is really unique about your study. What existing gap in the literature does your study seek to fill and did you accomplish that objective? The authors do mention it in a fragmented way throughout the manuscript, but this needs to be presented to the reader in a more convincing and coherent way. In other words, to put it more bluntly, given the severe limitations of retrospective design and small sample size, why should this study be published?

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

Quality of written English: Acceptable

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

Declaration of competing interests: None