Reviewer’s report

Title: Comparative efficacy and safety of second-line treatments for advanced non-small-cell lung cancer with wild-type or unknown status for epidermal growth factor receptor: a systematic review and network meta-analyses

Version: 0 Date: 07 May 2017

Reviewer: Alessandro Morabito

Reviewer's report:

The Authors present a network meta-analysis comparing the relative efficacy and safety of available treatments for second-line treatment of advanced NSCLC in patients with wild-type or unknown status for EGFR. This is one of the most comprehensive evidence synthesis that has been conducted to date in the field of the second-line treatment of lung cancer. The results indicate that nivolumab, pembrolizumab and erlotinib+cabozantinib are the most effective second-line treatments for NSCLC in terms of OS and the findings of the Authors also highlight the need for improvement in reporting of safety outcomes and quality of life. The results are interesting and well presented.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

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Yes

Are the conclusions drawn adequately supported by the data shown?
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Yes

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