Reviewer’s report

Title: Chronic myeloid leukemia incidence, survival and accessibility of tyrosine kinase inhibitors: a report from population-based Lithuanian haematological disease registry 2000-2013

Version: 0 Date: 21 Dec 2015

Reviewer: Gemma Osca

Reviewer's report:

This manuscript titled 'Chronic myeloid leukaemia incidence, survival and accessibility of tyrosine kinase inhibitors: a report from population-based Lithuanian haematological disease registry 2000-2013' is a well written paper describing accurately the status of this disease and its treatment in Lithuanian population during a long period of time.

In order to improve this paper, I suggested few recommendations:

1. Methods section. Why you categorized age in 5 subgroups? During the results section (Study population) you mentioned that only 16% of the Lithuanian population was older than 65 years, so maybe it will be better to categorized age in other groups?. Moreover, in the results section (Incidence) you show the CR for patients between 0-14 years and for those aged more than 75 years and this is not mentioned in the methods section.

2. Methods section (Statistical methods). Which tests did you do to analyze Relative survival rates? Kaplan Meier, Ederrer, Pohar-Perme?

3. Methods section (Statistical methods). Did you censored the cases who do not have enough time to follow-up when calculating survival?

4. Results section. Because you write 95% CI, it will be better to report the results on survival in percentage.
5. Discussion. Although you compare results with other national studies, Osca-Gelis et al. published a study analyzing the effect of TKI treatment in CML Ph+ in Girona province. Maybe you can incorporate this paper in your discussion.

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

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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