Reviewer's report

Title: Lack of Treatment-Related Mortality Definitions in Studies of Children, Adolescents and Young Adults with Lymphomas, Solid Tumors and Brain Tumors: a Systematic Review

Version: 2 Date: 30 May 2014

Reviewer: Saro Armenian

Reviewer's report:

Tran and colleagues present a comprehensive overview of randomized clinical trials in children, adolescents and young adults with lymphomas, solid tumors and brain tumors. They report a remarkable lack of TRM definitions across these studies. The importance of this report is far-reaching and has direct implications for current clinical trial design and reporting.

The study methodology is clear, and the manuscript is easy to follow. My only question pertains to their selection of lymphoma studies. The authors state that they only studies selected were those comprised solely of individuals up to the age of 30. It is not unusual for lymphoma studies to have an inclusion criteria of 16+ years of age. In these studies, adolescents and young adults are not the "sole" participants in the study, but do make up a substantial proportion. Could the authors provide clarification as to what was done in these instances?

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests