Reviewer's report

Title: Cardiopulmonary Bypass Has a Modest Association with Cancer Progression: A Retrospective Cohort Study

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Reviewer: Akihiko Usui

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Authors designed a clinical study to clarify the hypothesis that the use of cardiopulmonary bypass (CPB) may cause a transient immunosuppression with the potential to promote the spread and growth of coexisting cancer cells. Authors concluded that an increased risk for overall cancer incidence and cancer specific mortality did not reach statistical significance and that an increased risk of skin melanoma and lung cancer was only observed for patients with pump versus off-pump open-heart surgery.

Authors answered my questions appropriately and well revised their manuscript. I believe this manuscript should contribute certain information to Journal readers and is worthy publication on the Journal.