

Editor Decision: Reject

Thank you for this submission. Unfortunately we cannot publish this article at this time. Please see the reviewer comments for further details.

Reviewers' comments:

Reviewer #1: Thank you for the opportunity to review this manuscript, entitled "The correlation of mortality rates and HS-troponin I in patients diagnosed with paroxysmal supraventricular tachycardia. The authors completed a retrospective case control study of patients with PSVT and measured a primary outcome of mortality with respect to positive troponin status. The authors report no correlation of elevated troponin levels with 30 or 90 day mortality in their patient population.

In regards to study design, the exclusion criteria needs to be more exactly defined. The authors note that "patients with comorbidities that could increase troponin levels" are excluded. These comorbidities should be explicitly stated.

The manuscript could use further editing for readability. In its current state, it is not publishable. For example, Table 4 contains non-english text.

The findings of the study, as presented, are unsurprising and are unlikely to alter practice for most emergency physicians. Further work, such as determining which historical features (i.e. chest pain, prolonged onset) may be predictive of elevated troponin levels, mortality, or positive cath, would be provide additional value to the manuscript.