

July 6, 2015

Re: response letter

Manuscript number: 19609

Dear Sirs,

Thank you for your thorough review and recommendations for improvement in our manuscript entitled Therapeutic temperature modulation is associated with pulmonary complications in patients with severe traumatic brain injury. Please find our revised manuscript submitted with this letter. All changes have been highlighted in the revised manuscript which was revised in the following areas:

- 1) We have more clearly defines our outcome measures in the Methods sections of the paper.
- 2) Clarifications regarding the use of hypothermia or normothermia in individual patients were added in the methods section. Due to the observational design of our study individual patient treatment goals were decided by the clinical team's preference.
- 3) Clarification was added in the discussion section to address comparison between patients in the normothermia group and the hypothermia group. These comparisons are limited by the study's small sample size.
- 4) Discussion of regional cooling methods was added in the comments section
- 5) Discussion of cost-benefit analysis was added in the comments section.
- 6) Editorial comments were incorporated into the manuscript as requested.

Thank you for your attention,

Sincerely,

Kristine O'Phelan, Amedeo Merenda, Katherine Denny, Cassandra Zaila, Cynthia Gonzalez