

Hot climate and perioperative outcome: Relationship?

Sir,

The recent report on post hot climate and perioperative outcome is very interesting.^[1] Gautam *et al.* concluded that "Hot and humid weather adversely affect the perioperative outcome in elderly surgical patients."^[1] Indeed, the climate change has several adverse effects on human health. However, such effects might not be presented in a direct relationship. In this work, Gautam *et al.* tried to classify the groups of elderly patients and further assess the outcome and relation to the climatogeographical parameters. Indeed, this attempt is interesting. However, the methodology might be problematic. Gautam *et al.* used the static parameter in assessment with a primary assumption that the patients live in the single same place all through the years. This is not true, as population movement is very common in real life. Also, the temperature is the focused parameter. Indeed, there are also other climatogeographical parameters to be considered, including rainfall and sunlight exposure. In addition, the temperature in this work is averagely reported in a 1-year period, and the actual fluctuation of climate is not considered.

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