

Surface cooling in general increases shivering, and some types of surface pads may contribute to it even more. Some patients may exhibit more shivering than others, depending on the amount of skin contact from the surface cooling system. In a fever control study, patients showed a statistically significant higher rate of shivering when cooled with gel pads compared to traditional surface water circulating cooling blankets, which had limited skin contact.¹

Intravascular temperature management has proven to be a more precise and efficient² means of cooling when compared to surface methods, and results in significantly less shivering.

ZOLL's Intravascular Temperature Management System, Thermogard XP®:

- Results in a lower rate of shivering (4% vs 85% with surface),^{3,4} which may require less sedation and can be used in awake, non-intubated patients⁵
- Does not over or under shoot the target temperature; maintains target temperature within $\pm 0.2^{\circ}\text{C}^{\circ}$
- Reduces nursing workload by 74%;² no constant monitoring of temperature, managing shivering, checking pads, etc.

You need a system that efficiently manages the patient's temperature from the core, like ZOLL's Thermogard XP (TGXP).



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