Hyperthermia (>37.9 °C) while rewarming on CPB is potentially harmful and should be avoided.

### Main Points

- Cerebral hyperthermia following cardiac surgery is associated with neurologic injury and dysfunction.
- Hyperthermia has also been associated with increased rates of mediastinitis and postoperative acute renal failure.
- Limiting the maximum target temperature during the rewarming following CPB can prevent cerebral hyperthermia without significant adverse events.

### Key References


