

# Clonidine has antipyretic effect in ICU patients

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(HealthDay)—For mechanically ventilated intensive care unit (ICU)

patients, clonidine in addition to commonly used sedative agents has an antipyretic effect, according to a study published online June 6 in the *Journal of Clinical Pharmacology*.

Majid Mokhtari, M.D., from the Shahid Beheshti University of Medical Sciences in Iran, and colleagues conducted a single-center randomized trial to examine the effect of clonidine in addition to commonly used sedative agents in mechanically ventilated ICU patients. A group of 40 patients, aged 18 years or older, on mechanical ventilation for three days or longer were randomized to enteral clonidine or placebo in addition to the usual sedation/analgesia.

The researchers found that after adjustment for illness severity and time of follow-up, the odds ratio of having a temperature higher than 38.3 degrees Celsius was 3.96-fold higher in the [placebo group](#) (P = 0.049). After adjustment for the time of follow-up, a lower temperature (0.52 degrees Celsius) was seen in the clonidine group (P = 0.006).

"Our report is the first of its kind in humans which demonstrates possible antipyretic properties of enteral clonidine in the critically ill [intensive care unit patients](#)," the authors write.

**More information:** [Abstract](#)  
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