

# Electronic alert cuts proportion of IV proton pump inhibitors

January 20 2015

---



(HealthDay)—An electronic alert triggered on order of intravenous (IV) proton pump inhibitors (PPI) can decrease the proportion of IV PPIs ordered, according to a research letter published online Jan. 19 in *JAMA Internal Medicine*.

Daniel E. Freedberg, M.D., from the Columbia University Medical Center in New York City, and colleagues examined the response of [health care professionals](#) to an alert that was triggered by all IV PPI orders. The alert explained that the cost of oral PPIs is one-tenth of that of IV PPIs and they are 90 percent bioavailable. The proportion of IV PPIs was compared one year after versus one year before implementation of the alert.

During the study period, there were 65,078 completed orders for PPIs. The researchers found that 30.0 percent of orders before the alert were IV PPIs, compared with 23.0 percent after implementation of the alert (P

"Our study highlights the potential for electronic alerts to alter ordering behavior for IV PPIs," the authors write.

**More information:** [Full Text \(subscription or payment may be required\)](#)

Copyright © 2015 [HealthDay](#). All rights reserved.

Citation: Electronic alert cuts proportion of IV proton pump inhibitors (2015, January 20)  
retrieved 20 April 2024 from  
<https://medicalxpress.com/news/2015-01-electronic-proportion-iv-proton-inhibitors.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.