

# EMR care pathway aids treatment of cellulitis

August 17 2015

---



(HealthDay)—An electronic medical record (EMR)-based care pathway improves treatment of cellulitis, according to a study published online July 28 in the *Journal of Hospital Medicine*.

Peter M. Yarbrough, M.D., from the University of Utah Medical Center in Salt Lake City, and colleagues evaluated changes in process metrics, clinical outcomes, and cost for [cellulitis](#) before and after implementation of an EMR-based intervention. The intervention, along with education, was provided for all emergency and internal medicine physicians.

The researchers found that of the 677 visits, 370 visits included order sets. Overall, there was a 59 percent decrease in the odds of ordering broad-spectrum antibiotics (P pharmacy cost (P = 0.002), and a 13

percent decrease in total facility cost ( $P = 0.006$ ). Among patients for whom order sets were used, there was a 75 percent greater decrease in the odds of ordering [broad-spectrum antibiotics](#) ( $P$

"The evidence-based care pathway for cellulitis improved care at an academic medical center by reducing broad-spectrum antibiotic use, pharmacy costs, and total facility costs without an adverse change in length of stay or 30-day readmissions," the authors write.

Several authors disclosed financial ties to the software and health information technology industries.

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

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

Citation: EMR care pathway aids treatment of cellulitis (2015, August 17) retrieved 25 April 2024 from <https://medicalxpress.com/news/2015-08-emr-pathway-aids-treatment-cellulitis.html>

<p>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.</p>
--