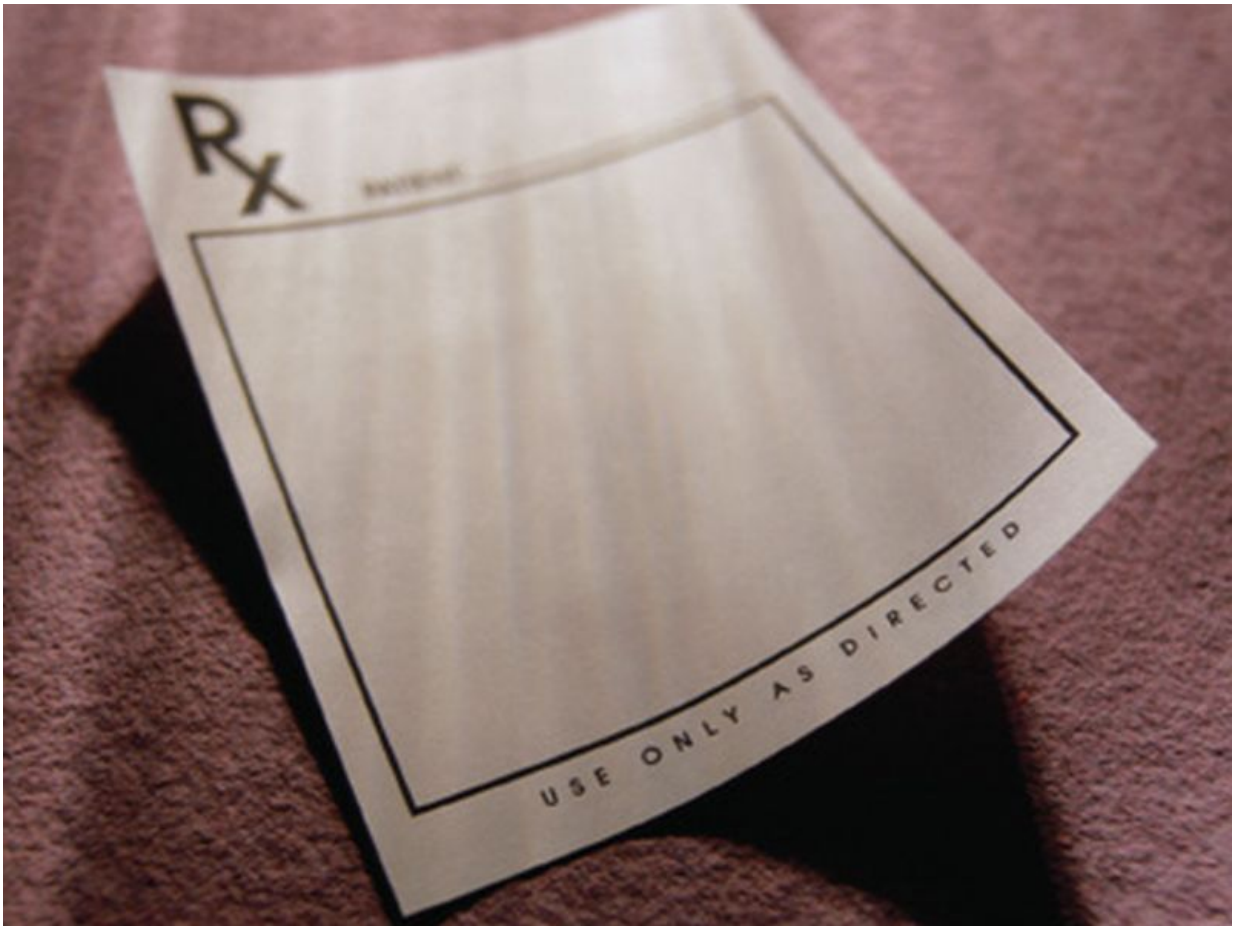
QI intervention aids medication safety for elderly in ER

April 20 2017



(HealthDay)—A quality improvement initiative that combines

education, electronic clinical decision support, and individual provider feedback can positively influence prescribing behavior and improve medication safety for older adults in the emergency department, according to a study published online April 7 in the *Journal of the American Geriatrics Society*.

Melissa Stevens, M.D., from Emory University in Atlanta, and colleagues evaluated the effectiveness and sustainability of the EQUiPPED quality improvement initiative to reduce the use of potentially inappropriate medications (PIMs), as defined by the American Geriatrics Society 2012 Beers Criteria, prescribed to older veterans at the time of emergency department discharge. Patients discharged six months prior to the first EQUiPPED intervention and for at least 12 months following the final EQUiPPED intervention were compared.

The researchers found that all four sites showed a significant and sustained reduction in use of PIMs from the pre-EQUiPPED period to the post-EQUiPPED period (site one: from 11.9 to 5.1 percent [P

"These results suggest a multicomponent program to influence provider prescribing behavior leads to safer prescribing for older adults discharged from the emergency department and is sustainable across multiple Veterans Affairs emergency department sites," the authors write.

More information: Abstract
Full Text (subscription or payment may be required)

Copyright © 2017 HealthDay. All rights reserved.

Citation: QI intervention aids medication safety for elderly in ER (2017, April 20) retrieved 5

May 2024 from https://medicalxpress.com/news/2017-04-qi-intervention-aids-medication-safety.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.