

Journal Club

Citation-

Sameer Malhotra, Adam D Cheriff, J Travis Gossey, Curtis L Cole, Rainu Kaushal, Jessica S Ancker, Effects of an e-Prescribing interface redesign on rates of generic drug prescribing: exploiting default options, *Journal of the American Medical Informatics Association*, Volume 23, Issue 5, September 2016, Pages 891–898, <https://doi.org/10.1093/jamia/ocv192>

Date of Access- 02/05/2020

Link- <https://academic.oup.com/jamia/article/23/5/891/2379867> ↗

Summary-

This article examined the operating system that prescribers use to order medications electronically (e-prescribing) and how the order interface has impacted the use of generic medications. This study gathered that e-prescribing has substantially increased the use of generic medications when prescribers search for the name-brand equivalents, which has helped reduce healthcare costs.

Why I chose this article-

I chose this article because it shows how the aspect of technology has helped to reduce healthcare costs and promote the use of generic medications. I work in a pharmacy as a technician, and I see every day how e-prescribing has positively impacted the healthcare system.

This relates to the practice of health informatics because training healthcare professionals on e-prescription procedures and being a part of improving e-prescription software provides incredible benefits to both healthcare providers and patients. e-Prescribing assists healthcare professionals in detecting patient allergies to medications, medicine interactions, and making the best decisions regarding patient care.

Some providers don't use e-prescribing due to IT issues and the security of patient data. The shortage of appropriately trained IT professionals within the healthcare field has hurt the e-prescription area due to the shortage of education and understanding of the function and capacities of e-prescribing software. The demand for specialists that can train all healthcare professionals in the procedures and benefits of e-prescribing is at a historic high. There's also a tremendous need for experts that can understand the needs of the healthcare field and consult with IT professionals to develop better software and procedures for e-prescribing. Therefore this article is so relevant to the health informatics field.