



Building a Production-Ready Infrastructure to Enhance Medication Management: Early Lessons from the Nationwide Health Information Network

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Building a Production-Ready Infrastructure to Enhance Medication Management: Early Lessons from the Nationwide Health Information Network

[Simonaitis, Linas](#) ; [Dixon, Brian E.](#) ; [Belsito, Anne](#) ; [Miller, Theda](#) ; [Overhage, J. Marc](#)



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Abstract:

Poor medication management practices can lead to serious erosion of health care quality and safety. The DHHS Medication Management Use Case outlines methods for the exchange of electronic health information to improve medication management practices. In this case report, the authors describe initial development of Nationwide Health Information Network (NHIN) services to support the Medication Management Use Case. The technical approach and core elements of medication management transactions involved in the NHIN are presented. Early lessons suggest the pathway

to improvements in quality and safety are achievable, yet there are challenges for the medical informatics community to address through future research and development activities.

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