

8-5-2011

A Nursing Diagnosis Decision Aid Adoption Assessment

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Recommended Citation

McBride, Maranda E.; Ntuen, Celestine A.; and Carter, Lemuria, "A Nursing Diagnosis Decision Aid Adoption Assessment" (2011).
AMCIS 2011 Proceedings - All Submissions. 73.

http://aisel.aisnet.org/amcis2011_submissions/73

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A Nursing Diagnosis Decision Aid Adoption Assessment

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ABSTRACT

This study investigates the roles trust and bias may play in nursing information technology acceptance via a two-phase study. In phase one, the impact of user experience on levels of trust in and bias towards automated decision aids (ADAs) is assessed. In phase two, the impact of trust and bias on ADA adoption is explored using actual usage data. The results indicate that experienced nurses have higher levels of trust and positive bias towards automation; yet, novice nurses are more likely to accept information from an ADA. Additionally, a parsimonious model incorporating trust, bias, experience, and ADA adoption is proposed.