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Hospitals' characteristics impact on 30-day mortality and readmission rates

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Abstract

Background: As of fiscal year 2013-2014 hospitals are being reimbursed based hospital's VBP scores. The VBP score is based 70% on clinical processes and outcomes of care and 30% on patient reports of care on the HCAHPS Survey.

Purpose: The purpose of the study was to determine if there are differences in the occurrence of 30-day mortality and readmission rates (for MIs, CHF, and pneumonia) between hospitals based: teaching status, Magnet status, hospital ownership, geographical location, and bed size.

Methodology: This study was a secondary data analysis of data collected by the Centers of Medicare and Medicare Services.

Measures /Outcomes: Outcome measures included 30-day mortality and readmission rates (for MIs, CHF, and pneumonia).

Conclusion: The hospital characteristics investigated demonstrated varied results depending on the outcome measures investigated. Many of which may have a significant impact on Medicare reimbursement with the VBP program roll out. This study provides a good baseline of data to build upon with future longitudinal designed studies.

Biography

Sarah A. Smith completed her PhD in nursing at the University of Hawaii at Manoa. She is a certified nurse specialist in Inpatient Obstetrics and Lean Six Sigma Black Belt. She is a full time faculty member at the University of Hawaii at Hilo where she is also the coordinator of the Nursing Laboratory and Simulation Center. Dr. Smith was recently published in the International Journal of Nursing Knowledge and the Journal of Nursing Education. Currently she is conducting research focused on communication and healthcare team performance, preventing weight gain and negative metabolic changes in freshman college students, the significance of hospital characteristics on 30-day mortality and readmission rates (for MIs, CHF, and pneumonia), and patient satisfaction with care reported on the Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) Survey.

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