

Developing a Risk Prediction Model for Hospital Admission following a Same Day/Express Care Visit

Same Day Care (SDC) and Express Care (EC) locations offer patients the opportunity to receive immediate medical care for acute conditions. However, some patients who visit Same Day Care and Express Care locations are more suited for the emergency room than a brief ambulatory visit. This results in inefficient delivery of health care to patients and extraneous cost to outpatient clinics. There are currently no protocols in place to assess which patients need more intensive care on their first visit to SDC or EC.

Purpose

This retrospective database study will explore the proportion of adult patients age 16 years and older who had visited SDC/EC and were hospitalized within 14 days after the SDC/EC visit, as well as the risk factors associated with hospitalization. This study seeks to identify those patients presenting at SCD/EC who need a referral for more comprehensive examinations or hospitalization to provide better patient care and improve health care delivery.

This study has been approved by the IRB of Billings.

Principal Investigator: Ya-Huei Li, PhD

Co-Investigator: Jeannine Brant, PhD, APRN, AOCN, FAAN