Collaboration Among Pharmacists & Physicians to Improve Outcomes Now (CAPTION): WREN Research Support Improves Enrollment Rates for Multi-Site National Study

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The Wisconsin Research & Education Network (WREN) provides research support services for one of thirty-one clinics participating in a University of Iowa multi-site, national study investigating the Physician-Pharmacist Collaborative Model (PPCM) for managing hypertension and asthma. WREN assumed study coordination responsibilities for CAPTION at Northeast Family Medical Clinic (Madison, WI) in January of 2011.

This presentation describes the WREN team approach to study coordination, some key modifications WREN made to the IRB protocol, and how this helps explain our enrollment and screening success to date.

Average enrollment rates across sites within the same study arm is 2.7 enrolled per 30 days, while the average at the Northeast/WREN clinic is 5.68 patients enrolled per 30 days. Key modifications to the protocol include compensation for study participants, the WREN team approach to study coordination, and significant modifications to screening procedures.

This presentation describes our screening procedure modifications, and explores how they may have affected screen failure rates to date. WREN/Northeast has a 33% screen failure rate at baseline appointments, compared to an average of 37% across sites for the same study arm (range: 0% to 70%). We discuss how existing screening procedures could be fine-tuned to improve screen failure rates.