

**Research Study:
 Facilitated Implementation of Antibiotic Stewardship in Wisconsin
 Nursing Homes**

Researchers at the University of Wisconsin are looking to recruit facilities to take part in a research study that will evaluate the impact of different strategies for implementing a UTI Management Improvement Toolkit that has been developed by the Wisconsin Healthcare-Associated Infection in Long-Term Care Coalition. Information gained from this research will be used to enhance adoption of the toolkit across the state and inform other types of improvement activities in Wisconsin nursing homes.

What is the UTI Management Improvement Toolkit?	<p>The toolkit targets three major nursing staff and provider behaviors:</p> <ul style="list-style-type: none"> • Standardization of the assessment of the resident experiencing a change-in-condition and communication of findings. • Promotion of delayed testing and treatment of residents with a low likelihood of UTI. • Appropriate selection of antibiotics (drug, dose, duration) in those residents with a high likelihood of UTI.
What are the aims of the study?	<ul style="list-style-type: none"> • Aim 1: Evaluate the impact of the Wisconsin UTI Improvement Toolkit on antibiotic prescribing for UTI in Wisconsin NHs. • Aim 2: Determine if <u>enhanced facilitation</u> (coaching, peer learning, feedback reports) leads to better adoption of the toolkit and its effects on urine testing and UTI treatment rates.
What will participation involve for control facilities?	<p>Study NHs randomized to the control arm:</p> <ul style="list-style-type: none"> • Will participate in kickoff meetings introducing the different UTI toolkit components. The meeting will also cover topics on how to: 1) assemble a change team; 2) use the different tools in the toolkit; and 3) track process and outcome measures to monitor progress. • Will have access to a web-based data tracking tool that will allow them to trend a number of study outcomes (e.g., number of monthly urine cultures and UTI treatment events) in their facility over time. • Will have access to online instructions and educational tools.
What will participation involve for intervention facilities?	<p>NHs randomized to the enhanced facilitation arm:</p> <ul style="list-style-type: none"> • Will also attend a kickoff meeting and have access to the same online resources as the control arm. • Will also be assigned a clinical coach and will have the opportunity to participate in a series of hosted peer-to-peer learning opportunities. The clinical coach will meet regularly with NH staff to guide the facility through implementation of the UTI Management Improvement Toolkit.

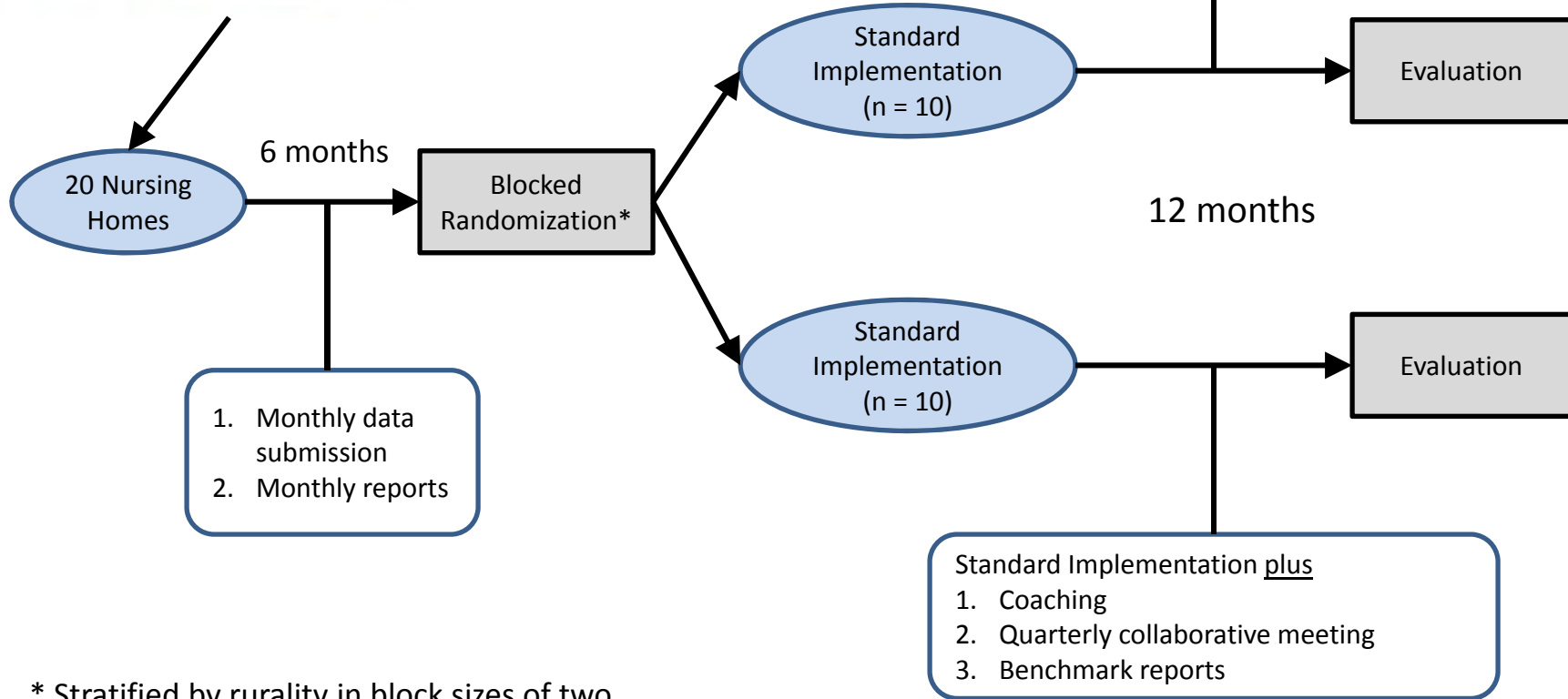
We hope you are willing to participate in the study. If yes, please contact us:

Study Coordinator: Lillian Vranas at lkuhebwa@medicine.wisc.edu or (608) 265-9649
Lead Researcher: Dr. Christopher Crnich at cjc@medicine.wisc.edu or (608) 280-7055

Study Overview



1. Kickoff meeting
2. Toolkit website training materials
3. Facility-specific outcome reports
4. Help line access



* Stratified by rurality in block sizes of two