



Institution Name: **Monmouth Medical Center**

Project Name: **Foley catheter related urinary tract infections and the pattern of Foley catheter usage among adult medical and surgical patients at Monmouth Medical Center**

Build your project team by including at least one faculty member and at least one hospital or clinic administrator who has access to cost and utilization data and is willing to collaborate with you. You are strongly encouraged to collaborate across programs and departments.

List of Project Members (Please Provide PI contact information):

**Rivi De Silva, MD Resident PGY2**

**Nagakrishnal Nachimuthu, MD Resident PGY2**

**Sara Ghotb, MD Resident PGY 2**

**Sara Wallach, MD Program Director (faculty member)**

**Darla Malaspina , Nursing supervisor**

Provide an AIM statement to describe what you hope will be accomplished in your High Value Care quality improvement project.

**To identify the pattern of Foley catheter usage and minimize the inappropriate usage which in turn will lead to reduced morbidity (from catheter related urinary tract infections) in hospitalized patients.**

Make sure that the focus of the activity is on reducing waste in the system (unnecessary testing and treatment or inappropriate setting for care), minimizing harms (radiation exposure, medication side effects), or improving patient care through communication (incorporating patient values and concerns into care plans). How does your particular project focus on high value care?

**By minimizing unnecessary use of Foley catheter usage thereby minimizing harm to patients (reducing risk of UTI and morbidity)**

Describe how you expect this project to improve patient care/patient safety.

**As mentioned above identifying inappropriate usage of Foley catheters will help us to implement measures to educate the health care workers and to reduce the incidence of the same**

What additional information is needed to commence your project? Will you need IRB approval?

**Research proposal was submitted to the IRB, after review, a waiver was granted.**

Provide details regarding your project's format including steps and timeline (a helpful method might be to use the Plan-Do-Study-Act format).

**Please see the attached research proposal**

What are your primary and secondary outcome measurements? How will we know a change is an improvement? Include variables to be collected and your data analysis plan.

First phase of the study will be an observational study; an aim of which is to identify the deficiencies in the system. After the intervention (education of the healthcare team) primary and secondary outcome measures (which will be measured in the follow up study) will be the reduction of inappropriate use of Foley catheters and the reduction of morbidity associated with Foley catheters (UTI, Sepsis, Foley related trauma) respectively.

What changes may be made as a result of this study that will result in improved patient outcomes?

Better education of the healthcare team by showing the results of the study (which relates to them) to improve primary and secondary outcomes in the long term.

Background (summarize the literature, problem, measures used in other studies and prior successful interventions). Save your references with a brief description of why the paper is important to your project.

Please see the attached research proposal

Include a description of your plan for sustainability/durability of your intervention.

To sustain the positive outcomes of the study, interval studies (observational) may have to be done in the future and make further interventions depending on the observations.