



DON
Every Time




Diligently Obstruct Nosocomials


 Innovation Process


 Outcomes


 Policy

 Information Technology

 Evidence

 Finance

 References

 Leadership Structure

Diligently Obstruct Nosocomials

<http://www.youtube.com/watch?v=o9SxDFPUIA>

In attempts to reduce nosocomial infections, the focus of PPE is shifted to include patient protection.

This innovation project will help lead the healthcare organization to better health deliver and better service because it will prevent transmission of nosocomial infections between patients via hospital staff. Patients with HAI's tend to have a longer duration hospital stay as well as more costs (Sheng, et al., 2005). Likewise, current healthcare reform restricts reimbursements for treatments associated with nosocomial infections. By minimizing these costly infections, the healthcare organization will be able to realize a greater profit.

This project is important to me because I have seen first-hand the devastating effects of preventable HAI's. As a microbiologist, I identify HAI's and MDRO's on a daily basis in patients who are simply trying to recover from an illness. There are other countries that have been able to conquer this problem and I believe we can do it too in the United States, but some important changes are needed to make that happen- specifically placing patients on a pro-active contact precaution to prevent transmission of pathogens. I believe HAI's are preventable but I recognize how convoluted prevention is- from disinfectants to antibiotic use, patient decontamination processes and employee monitoring for colonization. This project focuses on a crucial aspect of prevention- proactively creating a barrier to reduce fomite transmission of pathogens between patients via hospital staff. There is potential for continuous growth and expansion of this program, incorporating the many practices that have been proven to be effective against HAI's. I believe this project can help the hospital once again become a place where people can go to recover safely from illnesses, not contract an illness which leads to further complications or even death.

Change Management

http://www.youtube.com/watch?v=fpuHUiy_xog

Identify process improvement opportunities by applying LEAN processes

<https://www.youtube.com/watch?v=Jg2TJvtWAqw>

Healthcare Team Responsibilities

(Porter-O'Grady & T., Malloch, K., 2011)

Leadership

(Porter-O'Grady & T., Malloch, K., 2011)

Deficit Reduction Act of 2005

<http://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/HospitalAcqCond/downloads/HACFactSheet.pdf>

Complimentary Strategy

Complimentary strategies are needed for the IT strategy to be successful, however, they do not necessarily have to involve IT (Glaser & Salzberg, 2011). In this case, an aspect of the Affordable Care Act of 2010 can be applied, which is the formation of an Accountable Care Organization (ACO). ACO's strive to provide high quality care at the least possible cost by improving clinical performance, customer service and avoiding repetitive services and fragmented care (Nowicki, 2011). Implementing this IT strategy during the healthcare reform could prove to be financially beneficial as there are incentives to becoming an ACO.

Data

In order to implement this strategy, a database would need to be comprised consisting of HAI's and current medical evidence connecting certain demographics with HAI's. Once data is collected, the information can be connected to patient demographics. If certain rules apply, then a 'trigger' for at-risk HAI would flag the medical staff to use interventions and practices that can help reduce risk of HAI in this patient or help prevent transmission of HAI's. For instance, if a patient has a condition associated with immunosuppression (diabetes, chemotherapy, post-anesthesia) or perhaps tube placement duration or incidence (multiple IV catheters, urinary catheters, or endotracheal tubes, etc), then certain rules would apply for managing care with an emphasis on infection prevention.

IT Architecture

(Kerby, 2014)

IT Measures

The IT strategy which will reduce hospital acquired infections and maximize revenue requires an understanding of what to measure, how to measure and interpret the measures, as well as monitoring care through measures (Dlugacz, 2006).

Disposable use, one time

<http://www.fda.gov/MedicalDevices/ProductsandMedicalProcedures/GeneralHospitalDevicesandSupplies/PersonalProtectiveEquipment/ucm056077.htm#1>

Consider benefits of shoe covers versus shoe bath

<https://www.youtube.com/watch?v=awtLCIbLSbs>

Cabinets: Roughly \$175

http://www.bunnings.com.au/qiq-fix-2-door-4-shelf-grey-metal-garage-cabinet_p2581157

Brochures: 5,000 at \$199 (.25 cents each)

<http://www.blockbusterprint.com/Brochures.html?qclid=CMHc7cCsgb4CFY17fgodTh0A4Q>