

Project on improving the data collection on Post Partum infections

INTRODUCTION:

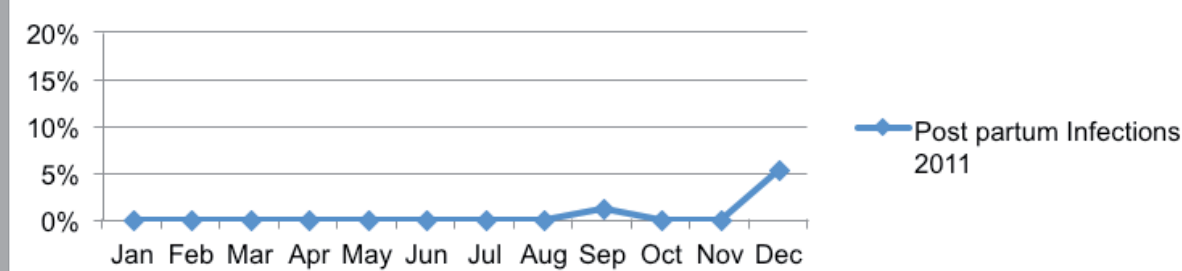
Postpartum infections comprise a wide range of entities that can occur after vaginal and cesarean delivery. Postpartum patients are frequently discharged within a couple days following delivery. The short period of observation may not afford enough time to exclude evidence of infection prior to discharge from the hospital. Infections that occur within the first 6 weeks postpartum are considered postpartum infections

FOCUS

Find: Find an improvement opportunity

An Improvement opportunity exists with improving the process of detection of postpartum infections. The current process detects average 3.3% of post partum Infections reported in the year 2011. A change in the data collection process shall inform the Hospital regarding the post partum infections and appropriate timely interventions can be implemented. The process is important to work on now because it falls into the criteria of High Risk and is a part of International Patient safety goals, where we need to reduce the risk of healthcare associated infections

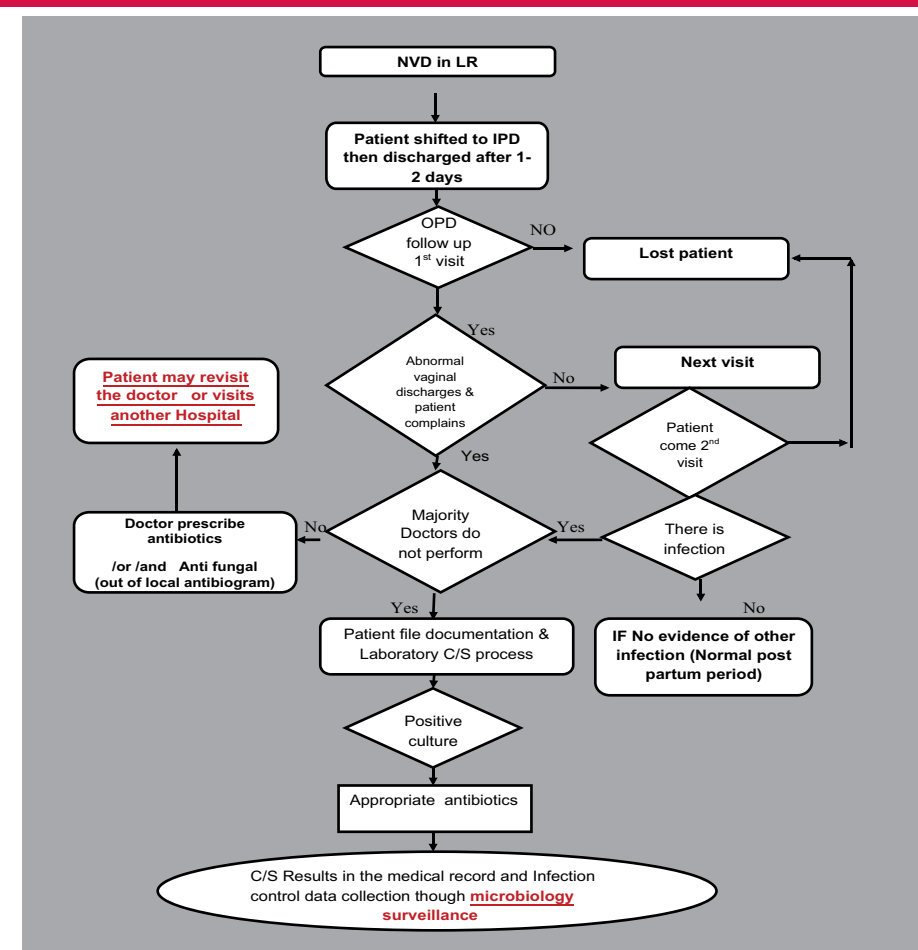
Post partum Infections 2011



Organize: Organized an Ad Hock team that knows the process

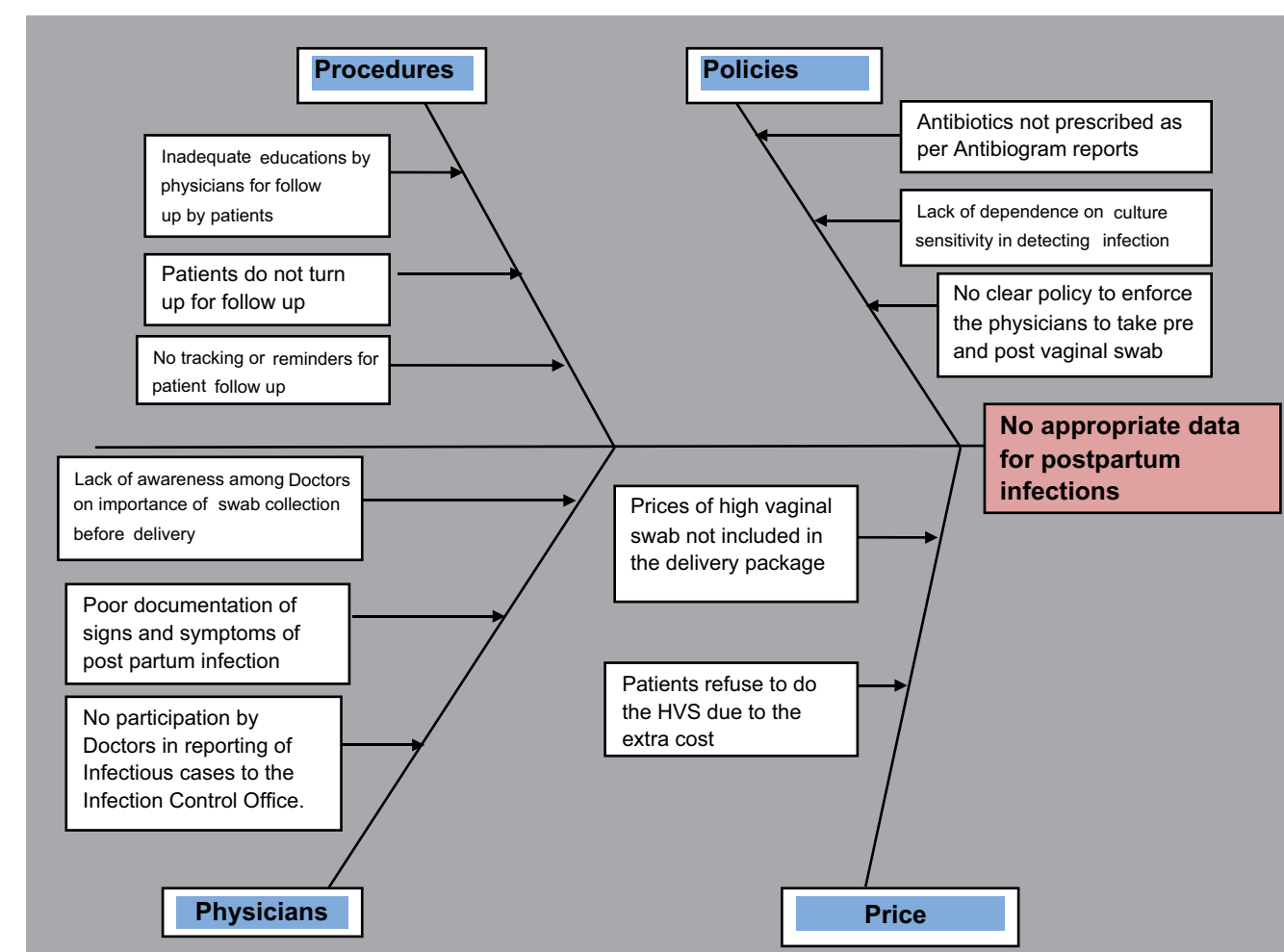
1. The Consulting Doctor
2. Obstetrics and Gynecology consultant / Department director
3. Lab Director
4. The Quality Director
5. The Infection control officer and nurse
6. The Nursing supervisor

CLARIFY CURRENT KNOWLEDGE OF THE PROCESS



Understand the causes of process variation

The various reasons for lack of data to monitor the post partum infections are



Select: Select the Improvement Process

The team came to a consensus that current practice cannot collect the required data and exclude evidence of infections. Also it was observed that the available infection data was related to a single physician who implemented the High vaginal swab test post delivery. The improvement cannot be tested if the current system is modified. It was selected to change the current system and implement pre and post vaginal swab for a sample of patients admitted in the Labor room.

METHODS:

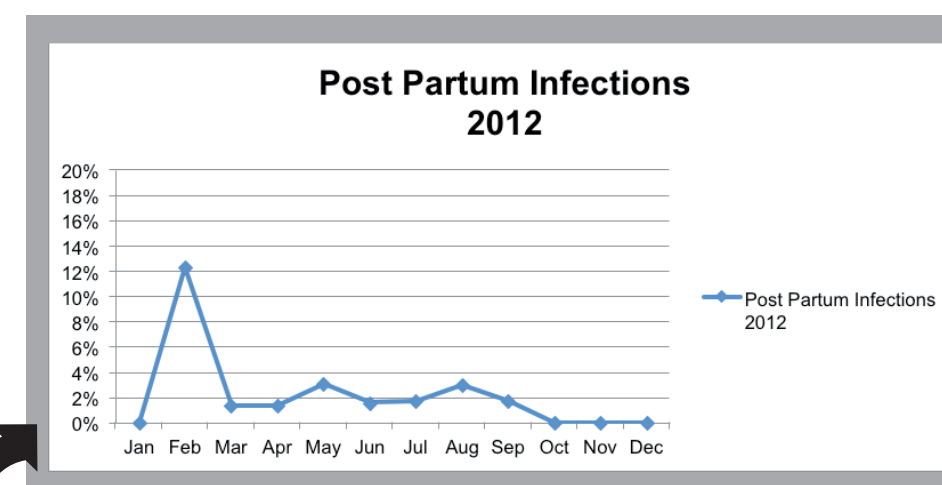
Focus-PDCA used as a quality improvement methodology to improve the data collection on post partum infections

PDCA

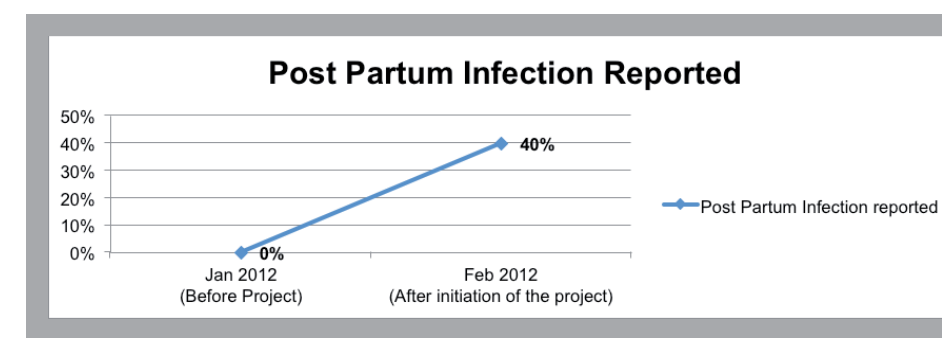
Plan

1. Design a new process system for collection of data
2. Assign responsibilities to Teams
3. Communicate the roles and responsibilities to each team members
4. Coordinate the entire plan

Act



Check



Do

1- Flow chart of the High Vaginal swab (HVS) for pre and post normal vaginal delivery patient

