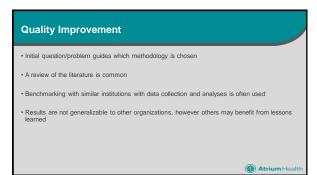








## What is Quality? Incorporates existing knowledge into process improvement activities Institutional Review Board (IRB) is not required for this type of project unless outcomes are intended for publication Approach is rapid-cycle and small tests of change, then larger spread Tools used depend on the problem being improved Lean Six Sigma Plan-Do-Study-Act >Model for Improvement



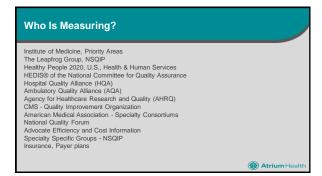


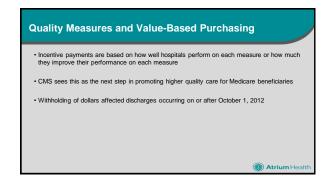




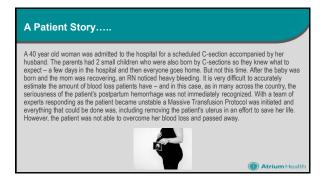


## What is the Government really saying? Standardize care when possible Reduce variation Provide evidence based care to your patients Reduce cost when possible without affecting quality Outcomes need to be improved



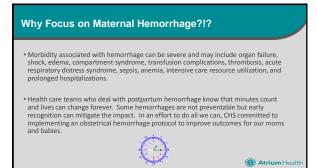


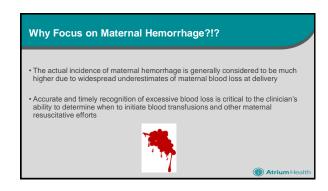






# Why Focus on Maternal Hemorrhage?!? • Obstetrical hemorrhage is the leading cause of maternal morbidity and mortality worldwide and accounts for nearly one-quarter of all maternal deaths • After extensive review of these hemorrhage cases, many deaths from hemorrhage could have been prevented with prompt recognition and timely and adequate treatment







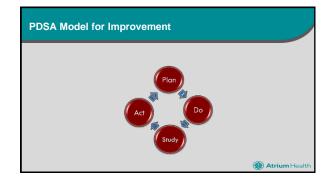




Primary Objective: Strategically develop and implement an Obstetrical Hemorrhage Protocol across all CHS facilities that provide inpatient obstetric services to assure evidence based care is provided to this patient population regardless of the facility where care is delivered.

Primary Goal: Decrease the Unplanned Peripartum Hysterectomy Rates across all CHS facilities that provide inpatient obstetrical care by 40% from the 2013 baseline of 0.08% to 0.05% in 2015.

Secondary Goal: Increase the incidence of performing Quantification of Blood Loss for all deliveries across all CHS facilities that provide inpatient obstetrical care by 40% from the 2014 baseline of 38.47% to 53.86% in 2015.



Plan—Where to Begin??

Do you have high performers that can be identified as champions for your improvement project?

Establish best practice protocols/guidelines for the change needed

Educate teammates on these new best practices

Improvement Process

A facility champion from 2 facilities and the Outcomes Specialist for Perinatal Services attended the Florida Perinatal Quality Collaborative Obstetric Hemorrhage Initiative initial meeting

These champions designed the Obstetric Hemorrhage Initiative for CHS including:

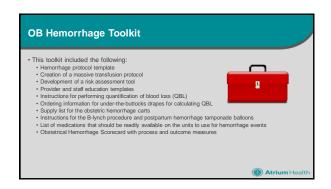
Development of an obstetric hemorrhage toolkit for system implementation

Coordination and leading of the kick-off meeting for the initiative

Collaboration with Carolinas Simulation Center (CSC)

Coordination with the Hospital Engagement Network work

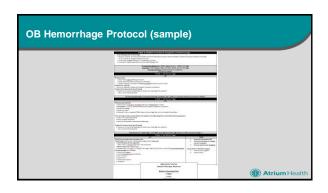
Establish the system go-live date

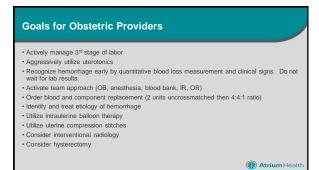






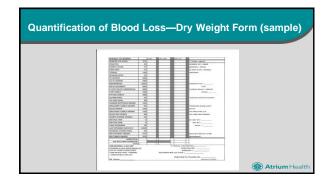










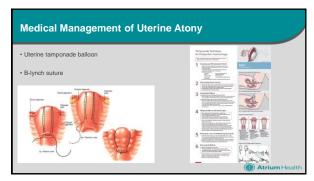


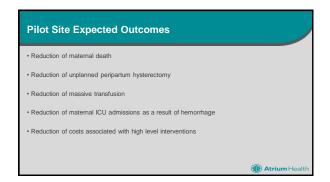


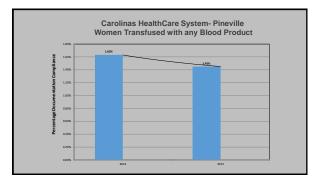


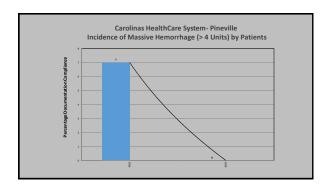


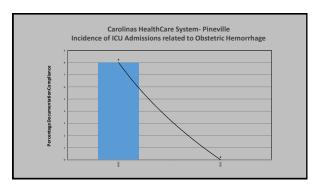


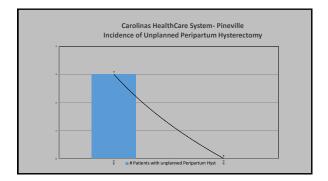


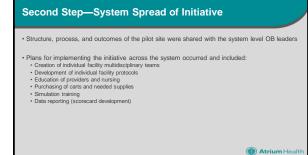






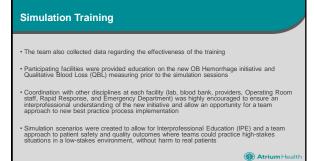


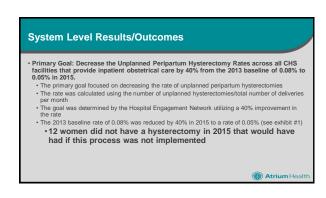


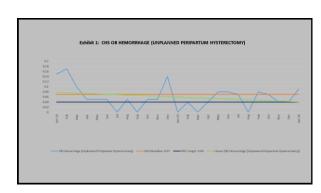


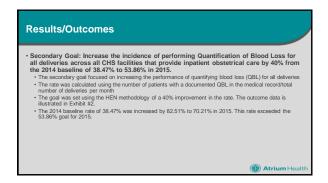
#### Carolinas Simulation Training Carolinas Simulation Center (CSC) designed, developed and implemented a Mobile Experiential Learning Program for facilities that participated in the OB Hemorrhage Initiative Over a three-month period, CSC teammates met system educational needs for protocol/guideline implementation using a high-fidelity birthing simulator and a transport vehicle offering simulation sessions to 16 facilities and 310 team members across two states CSC facilitated 46 separate four-hour training sessions in the Labor and Delivery/Post-Partum units

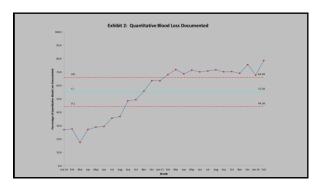
Atrium Health











## Secondary Outcome Dissemination of best practices across 16 participating hospitals to facilitate standardization and identify opportunities for improvement OSC members were able to take lessons learned at each of the participating facilities and disseminate them seems to solve facilities. Secnarios were able to be customized and adjusted to meet each facilities' goals and protocol/guideline. The use of experiential learning through simulation was also designed to test systems for implementing and adhering to new protocols guidelines in a safe and low-stakes environment.

