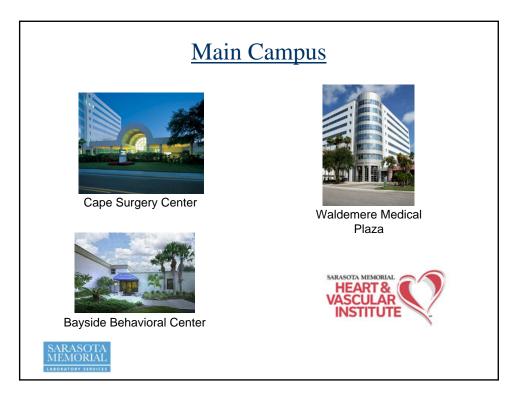


Sarasota Memorial Health Care System

806-bed regional medical center, is the second largest acute care public health systems in Florida. With more than 4,000 staff and 1,000 volunteers, it is one of Sarasota County's largest employers. A community hospital founded in 1925, Sarasota Memorial is governed by the nine-member elected Sarasota County Public Hospital Board. It is a full-service health system, with specialized expertise in heart, vascular, cancer, and neuroscience services, as well as a network of outpatient centers, long-term care and rehabilitation among its many programs. Sarasota Memorial is the only provider of obstetrical services and Level II neonatal intensive care in Sarasota County.

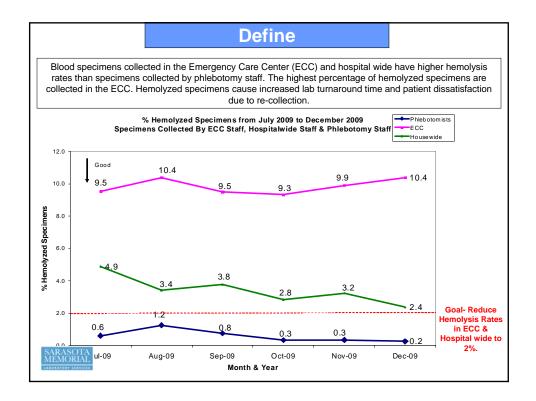


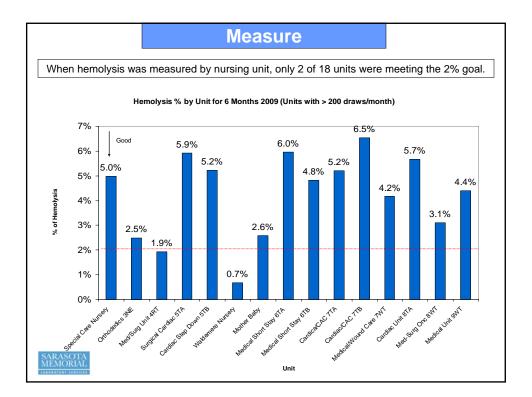


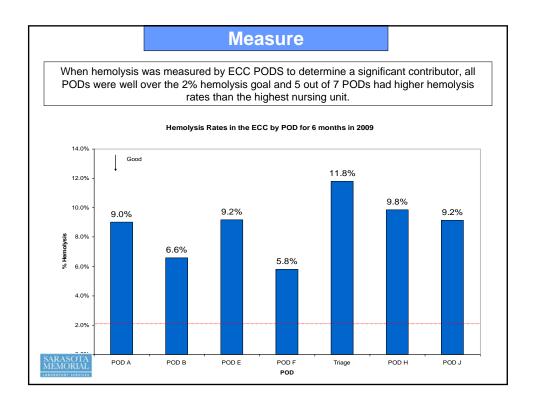


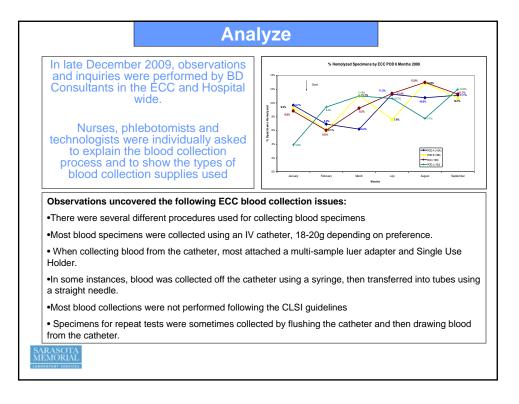




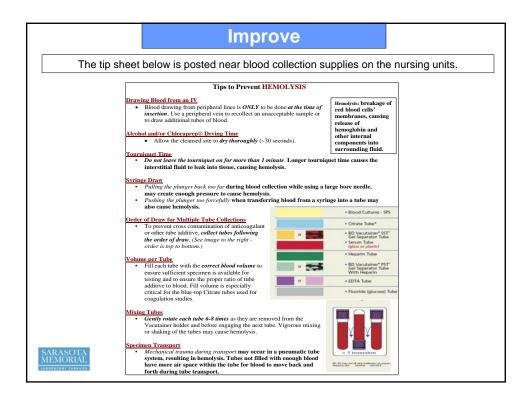


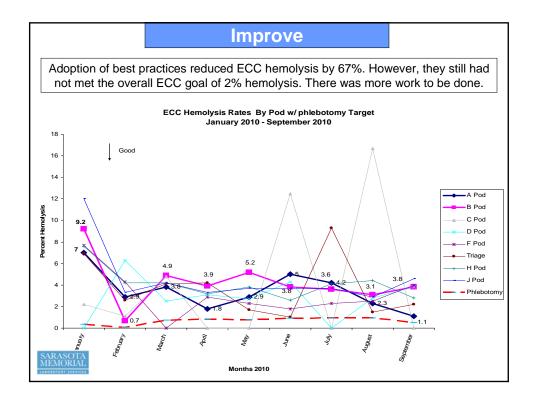


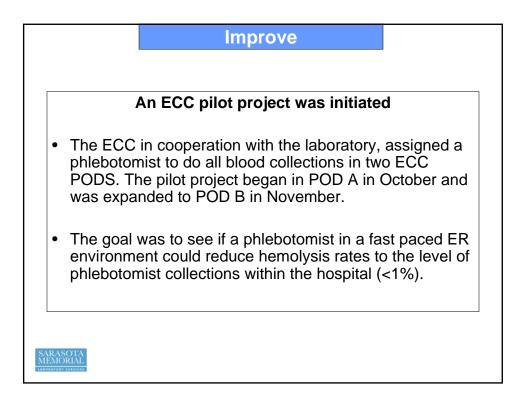


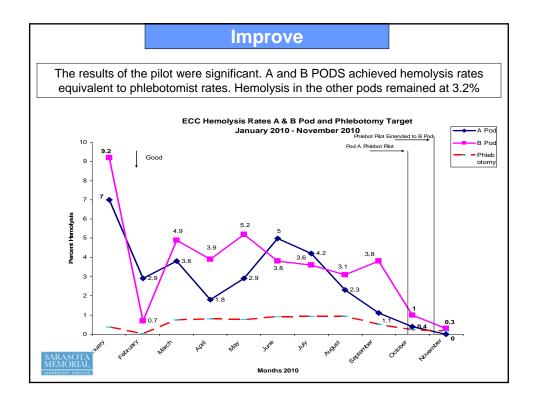


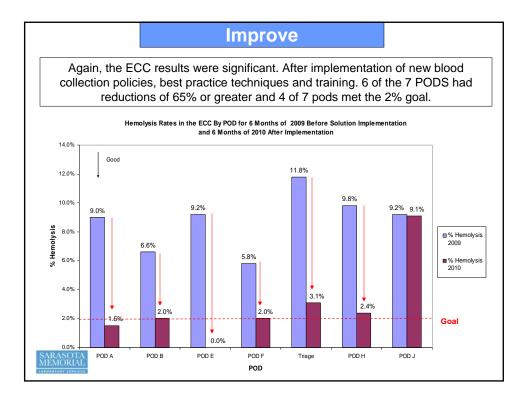
	Improve	
	improvo	
	Based on BD's recommendations, the following solutions were implemented:	
•	Nursing education and laboratory developed a standardized protocol for blood collection	
	using "Best Practice" processes which include: – Ensure alcohol is dry before inserting the needle	
	 Reduce tourniquet time to less than 1 minute 	
	 Follow the CLSI order of draw and fill tubes to the correct blood to additive ratio 	
	 Gently invert tubes to mix the blood with additives 	
	 Use a separate blood collection site when doing a re-draw to comply with INS standards 	
•	For a more effective draw through an IV Catheter, in place of the Multi-sample Luer Adapter, the laboratory stocked, the BD Vacutainer® Luer-Lok™ Access Device with extension set. A BD blood transfer device was also stocked to ensure tubes are filled with the correct blood to additive ratio.	
•	A step-by-step Tip Sheet was created and disseminated throughout the ECC and all Nursing Units, that illustrates "Best Practice" process steps for blood collection and order of draw.	
•	Correct blood collection techniques were ingrained as the "Always" way.	
	 Performed one on one demonstrations of correct blood collection practices house wide and in the ECC to ensure understanding of the blood collection policy and "Best Practice" methodology 	
	SARASOTA MEMORIAL	

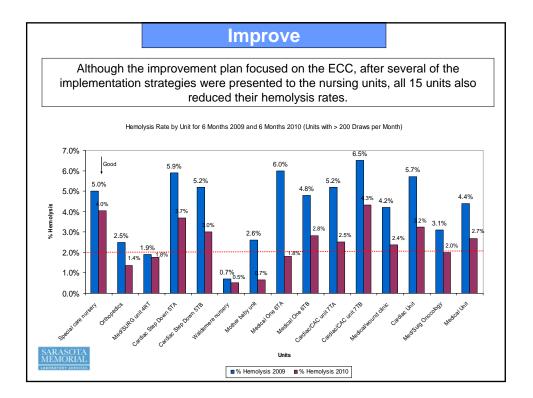


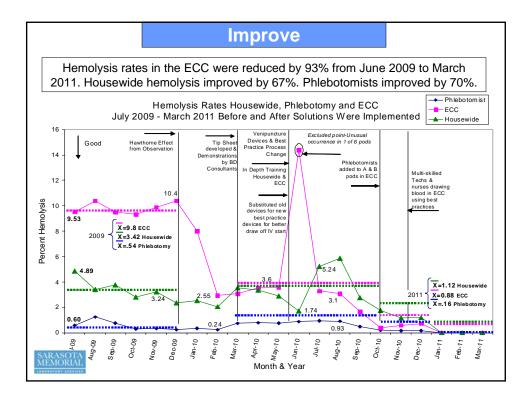


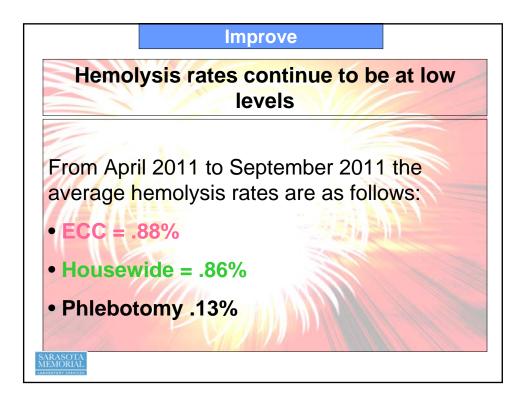


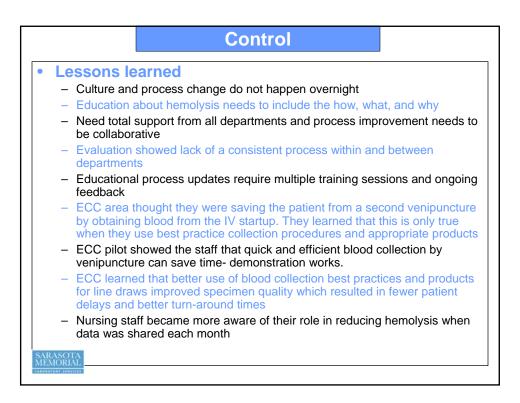












Control
Lessons learned Continued
 Before implementation of best practices to reduce hemolysis could take place, the laboratory had to perform Myth Busting education.
 <u>Myth One</u>: We are saving the patient a venipuncture if we draw from the IV start.
Myth Buster: If hemolysis occurs the patient has a longer wait and the patient must have a venipuncture anyway.
 <u>Myth Two</u>: Collecting blood at the time of IV start before the test order is in the computer, saves time.
Myth Buster: Actual data showed that collecting blood before a test order is placed, increased turn around time for blood test results by 30 minutes and more blood was collected than needed.
 <u>Myth Three</u>: Nurses are as good or more skilled than phlebotomists for blood collection.
Myth Buster: Hemolysis rates of specimens collected by phlebotomists are consistently below 1% in all settings. Phlebotomists are trained for all types of blood collection even the most difficult ones. After phlebotomists worked in the ECC, nurses respected their ability and called on them to help with difficult sticks.
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