Value-Based Purchasing: It's Impact on Nursing

Presented by:

Gara Edelstein, CNO, CHS & St. Catherine of Siena Nicolette Fiore-Lopez, CNO, St. Charles Hospital Susan Penque, CNO, South Nassau Communities Hospital

Valerie Terzano, CNO, Winthrop University Hospital

Presentation Objectives

- Definition of Value Based Purchasing (VBP)
- Impact on Hospitals
 - Financial
 - Clinical
- Domains
 - Clinical Processes of Care
 - Patient Experience of Care
 - Outcomes of Care
 - Efficiency Domain
- Impact of VBP on Nursing and Patient Care

Value-Based Purchasing Program

- Rule proposed January 2011 by CMS as part of Affordable Care Act to implement an inpatient Pay-for-Performance system by FY 2013
- Qualifying hospitals to have a portion of their Medicare payments tied to performance on select group of quality metrics
- Pay for care that rewards better value, patient outcomes and innovations instead of volume

Value-Based Purchasing Program

- Key to success is that program is Budget Neutral
- CMS will withhold 1% of base DRG payments for qualifying hospitals in FY2013 – increases each year until 2% by 2017
- Monies will be redistributed to hospitals on the basis of their quality performance
- Total distributive financial impact of this ruling was approximately \$850 million dollars – increased to \$963 million in 2014

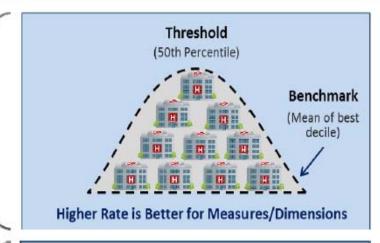
Who is Excluded from the Hospital VBP Program?

- Psychiatric, rehabilitation, long term care facilities
- Children's hospitals
- Cancer hospitals
- Hospitals in Puerto Rico, other US territorities
- Hospitals who received CMS deficiency notifications during performance period
- Hospitals with out minimum number of cases, measures or surveys

How Will Hospitals Be Evaluated?

Baseline Period Data

Measure/Dimension	Rate	
Clinical Process of Care Measures	Higher is better	
Patient Experience of Care Dimensions	Higher is better	
Mortality Measures (Survivability)	Higher is better	



Measure	Rate
AHRQ PSI-90 Measure	Lower is better
CLABSI Measure	Lower is better
MSPB Measure*	Lower is better

* Please note that unlike the other measures, the MSPB measure's benchmark and threshold are based on hospital data from the performance period.

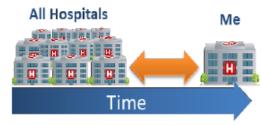


How Will Hospitals Be Evaluated? Achievement vs. Improvement

Achievement Points

Awarded by comparing <u>an individual hospital's</u> rates during the performance period with <u>all hospitals' rates</u> from the baseline period.*

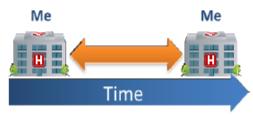
- Rate equal to or better than the benchmark: 10 points
- Rate worse than the achievement threshold: 0 points
- Rate equal to or better than the achievement threshold and worse than the benchmark: 1–10 points



Improvement Points

Awarded by comparing <u>an individual hospital's</u> rates during the performance period to that <u>same individual hospital's</u> rates from the baseline period.

- Rate equal to or better the benchmark: 9 points
- Rate equal to or worse than the baseline period rate: 0 points
- Rate between the baseline period rate and the benchmark: 0–9 points



* Please note that unlike the other measures, the MSPB measure compares a hospital's rates during the performance period with <u>all</u> hospitals' rates from the performance period.

How Will Hospitals Be Evaluated?

- Consistency Points
 - Relate only to the Patient Experience of Care Domain
 - Purpose is to reward hospitals that have scores above the national 50th percentile in ALL 8 dimensions of the HCAHPS survey

Total Performance Scores

- ▶ 2013 Payments Based On:
 - 70% Clinical Process of Care/30% Patient Experience
- 2014 Payments Based On:
 - 45% Clinical Process of Care/25% Outcome Domain/ 30% Patient Experience
- 2015 Payments Based On:
 - 20% Clinical Process of Care/30% Outcome Domain/ 20% Efficiency Domain/ 30% Patient Experience

Clinical Process of Care (aka Core Measures)

- What is a Core Measure?
- A core measure is one that utilizes the results of evidence based medicine research. These basic core measure principles imply that it is reasonable to expect that every patient with the given diagnosis will receive the baseline (core) care established through such research.

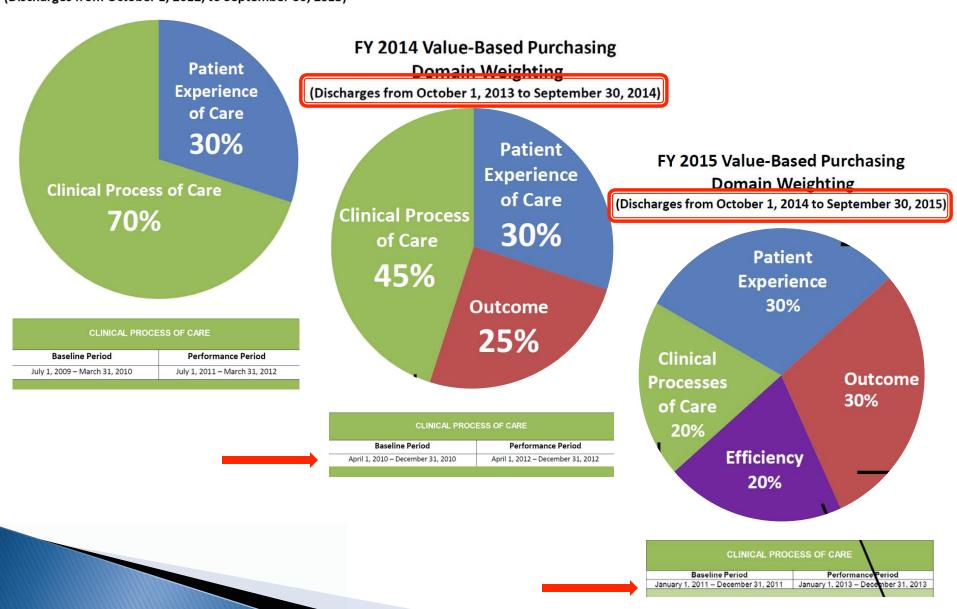
The reported results represent the percentage of patients admitted with a specific diagnosis who receive the recommended care measure.

How are Core Measures chosen?

Following well established quality improvement principles, the Core Measures represent high volume, high cost diagnoses associated with an increased rate of morbidity or mortality.

FY 2013 Value-Based Purchasing

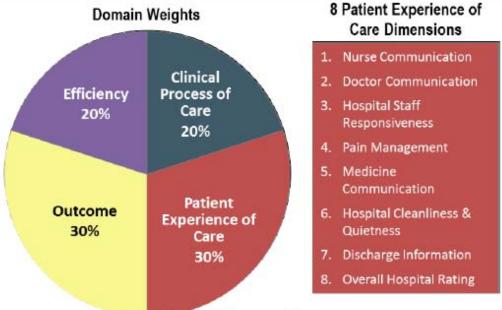
(Discharges from October 1, 2012, to September 30, 2013)



FY 2015 Finalized Domains and Measures/Dimensions

12 Clinical Process of Care Measures

- AMI-7a Fibrinolytic Therapy Received within 30 Minutes of Hospital Arrival
- AMI-8 Primary PCI Received within 90 Minutes of Hospital Arrival
- 3. HF-1 Discharge Instructions
- PN-3b Blood Cultures Performed in the ED Prior to Initial Antibiotic Received in Hospital
- PN-6 Initial Antibiotic Selection for CAP in Immunocompetent Patient
- SCIP-Inf-1 Prophylactic Antibiotic Received within One Hour Prior to Surgical Incision
- SCIP-Inf-2 Prophylactic Antibiotic Selection for Surgical Patients
- SCIP-Inf-3 Prophylactic Antibiotics Discontinued within 24 Hours After Surgery
- SCIP-Inf-4 Cardiac Surgery Patients with Controlled 6 a.m. Postoperative Serum Glucose
- SCIP-Inf-9 Postoperative Urinary Catheter Removal on Postoperative Day 1 or 2
- SCIP-Card-2 Surgery Patients on a Beta Blocker Prior to Arrival That Received a Beta Blocker During the Perioperative Period
- SCIP-VTE-2 Surgery Patients Who Received Appropriate Venous Thromboembolism Prophylaxis within 24 Hours



5 Outcome Measures

- MORT-30-AMI Acute Myocardial Infarction (AMI) 30-day mortality rate
- 2. MORT-30-HF Heart Failure (HF) 30-day mortality rate
- 3. MORT-30-PN Pneumonia (PN) 30-day mortality rate
- PSI-90 Patient safety for selected indicators (composite)
- 5. CLABSI Central Line-Associated Bloodstream Infection

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1 Efficiency Measure

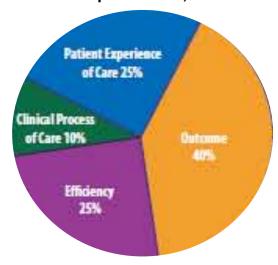
MSPB-1 Medicare Spending per Beneficiary measure





Represents a new measure for the FY 2015 program that was not in the FY 2014 program.

FY 2016 Value-Based Purchasing Domain Weighting (Discharges from October 1, 2015 to September 30, 2016



VBP Fiscal Year 2016 Core measures Performance Period is NOW!!

- 1 new one added
- 5 measures were removed from 2015

	BASELINE PERIOD	PERFORMANCE PERIOD	
l	Jan. 1-Dec. 31, 2012	Jan. 1-Dec. 31, 2014	

MEASURE ID	DESCRIPTION	ACHIEVEMENT THRESHOLD	BENCHMARK
AMI-7a	Fibrinolytic therapy received within 30 minutes of hospital arrival	0.91154	1.00000
PN-6	Initial antibiotic selection for CAP in immunocompetent patient	0.96552	1.00000
SCIP-Inf-2	Prophylactic antibiotic selection for surgical patients	0.99074	1.00000
SCIP-Inf-3	Prophylactic antibiotics discontinued within 24 hours after surgery end time	0.98086	1.00000
SCIP-Inf-9	Urinary catheter removed on postoperative day 1 or postoperative day 2	0.97059	1.00000
SCIP-Card-2	Surgery patients on beta-blocker therapy prior to arrival who received a beta-blocker during the perioperative period	0.97727	1.00000
SCIP-VTE-2	Surgery patients who received appropriate venous thromboembolism prophylaxis within 24 hours prior to surgery to 24 hours after surgery	0.98225	1.00000
NEW! IMM-2	Influenza immunization	0.90607	0.98875

REMOVED!

AMI 8a PCI received within 90 minutes of hospital arrival

HF 1 Discharge instructions

PN 3b Blood culture before 1st antibiotic received in hospital

SCIP 1 Abx within 1 hour before incision or within 2 hours if vancomycin/quinolone is used

SCIP 4 Controlled 6 AM postoperative serum glucose - cardiac surgery

Acute MI			
Indicator	Documentation Requirements		
Fibrinolytic within 30 minutes of arrival	•System reasons for delay are <u>NOT</u> acceptable. •There must be MD/PA/NP documentation that there was "hold", "delay", or "wait" in initiating Lytic/PCI <u>AND</u> this was not system related. If there's a delay Acceptable documented reasons: •"Hold lytics. Will do CAT scan to r/o bleed" or •"Consent delay, patient deciding about treatment and waiting to speak to husband before giving consent for treatment." Not acceptable documentation: •Equipment issue (IV pump malfunction) •Staff related - "Not enough staff due to blizzard"		

- Flow processes
- Communication
- Documentation accurate, timely and appropriate

SCIP			
Indicator	Documentation Requirements		
Pre-op antibiotic administration within 1 hour of incision (2 hr window allowed for Vancomycin & Levaquin)	•Date/time/route of antibiotic administration <u>MUST</u> be clearly documented in the appropriate data field •Be mindful of delays in surgery		
Antibiotic selection	•MDs must use prophylactic antibiotic order sets •Document clarification of appropriate antibiotic selection for patients with beta- lactam allergy using prophylaxis order set		
Antibiotic discontinued w/in 24 hours of anesthesia end time	 MDs must use prophylactic antibiotic order sets MD order reflecting continuation of antibiotics must have documentation of current or suspected infection. The date/time/route of antibiotic administration <u>MUST</u> clearly documented in the appropriate data field 		

- Preadmission testing standardized order sheets; nursing review up to 24 hours prior to surgery
- Communication with provider if revision required
- Automatic printout for rounds report/handoff, discussed at MDR
 Staff Education/awareness



MRN Instruction Form

Preoperative Medication Instruction Form

Nothing To Eat Or Drink After 11 pm the Night Before Surgery

Instructions For Medications:

- If you are taking any prescription drugs continue taking them until the night prior to surgery, unless instructed otherwise by your physician. This includes medications for Heart Disease, Diabetes, Blood Pressure, Thyroid Disease, Gout and Eye Drops.
 On the morning of the surgery you may take the medications listed below with a SIP OF WATER ONLY:
- If you feel you need to take additional medication other than what is listed above, please check with your physician.
- Please check with your physician regarding the advisability of discontinuing Aspirin and Aspirin Related Drugs for a period of seven days prior to surgery.
- . If you are taking blood thinning medications such as:
 - Plavix

Coumadin

Warfarin

Pradaxa

Xarelto

Effient

◆ Aggrenox

Lovenox

Eliquis

You must speak to your Physician as well as your surgeon to determine when or if it is safe to discontinue them prior to surgery.

- Tylenol and medications containing acetaminophen do not contain aspirin or aspirin related drugs.
 Speak with your physician/surgeon to determine if it is advisable to take Tylenol.
- Diabetic Patients: Please speak to your physician regarding your insulin/oral diabetic medication instructions prior to surgery.
- Sleep Apnea Patients: Please bring your CPAP machine and a copy of your Sleep Study to the hospital. Please be advised that your time in Recovery Room may be extended to a minimum of 3 hours.

Below is a partial list of drugs that contain Aspirin, are Aspirin-Related, or have a blood thinning effect. Some of these medications may stay in your system for up to 10 days.

 Contain Aspirin
 Aspirin Related
 Other

 Alkaseitzer
 Advil/Motrin
 Celebrex
 Multivitamine
 Flax s/sed

 Anacir
 Ibuprofen
 Gelecoxib
 Vitamin E
 CoO10

 Aspirin
 Nuorin
 Indometracin
 Garlo Tabs
 Omega 3



DOCTOR'S ORDER SHEET

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		RACTITIONER	: PLEASE SIGN OF	ON ALL TELEPHONE ORDERS	9
	GIVEN			otic and Beta Blocker Order	
DATE	TIME			tient Procedures	
		Beta Blocker			
			The state of the s	ta blocker at home prior to arrival for sur	rgery,
			please administer	n	ng po
				ater prior to surgery.	
	-		The state of the s	P<100 and HR <50 and document res	sults an
			reason held in pro	gress notes.	
		Antibiotic Ale	rt:		
			Non-SCIPS recomm	nended antibiotic ordered by attending s	surgeon
				nding surgeon and follow order selected	
02:				nended antibiotic ordered by attending s	
				nding surgeon and follow attending's an	100 100 100 100
	7-47		order for:		
			***Ordering Provid	ler: Contact SCIP-leadership if this or	ccurs
		Antibiotic:			
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	Time trans			red within 1 hour of surgical start time.	12/
		If F	PCN or Beta Lactam		
			Vancomycin 1 gram	IVPB X1 on call to OR	
			=Infuse over 2 hrs.	Must be administered within 1 hour of	+
			surgical start time		
	18		OR		-
	- min		Clindamycin 600 mg	IVPB X1 on call to OR	
- 25			= Must be administe	red within 1 hour of surgical start time	
	-	НІІ	P/KNEE ARTHROPL	ASTY	
				ms IVP by Anesthesia in ÖR	
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	Š	If F	CN or Beta Lactam	Laboratoria de la constantina della constantina	75-579
	-		The second secon	IVPB X1 on call to OR	
	Paritimo II			Must be administered within 1 hour of	
			surgical start time		

SCIP			
Indicator	Documentation Requirements		
Urinary Catheter removed by Postoperative Day (POD) #1 or #2	 Placement and discontinuance of catheter <u>MUST</u> be clearly documented in the appropriate data field MD order required to maintain catheter beyond POD#2, if clinically indicated Reason for continuance of catheter must be documented by MD 		

Standardized Order Sets

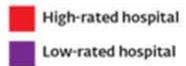
Beyond core measures for surgical patients:

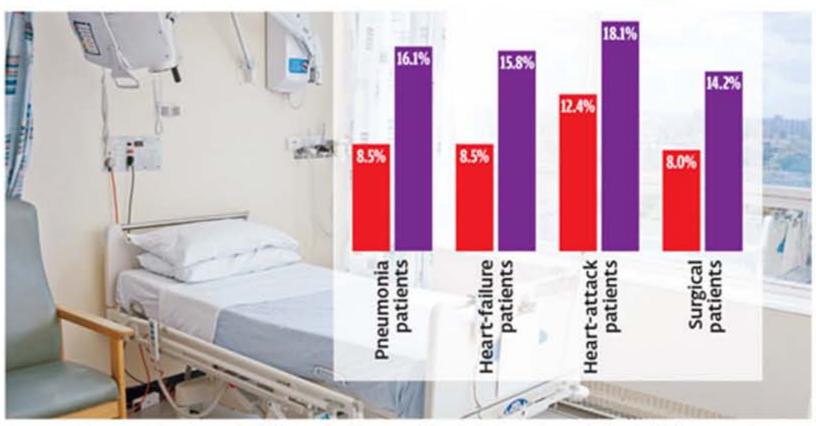
- Nurse Driven Process/Protocol for catheter removal
 - Executive sponsorship
 - Physician order includes indication
 - RN performs daily needs assessment
 - If indication no longer met, the catheter is discontinued
 - If needed, RN follow a post void urinary retention algorithm (bladder scanning and intermittent catheter prn)

D BY THE NUMBERS

The hospital you choose really matters

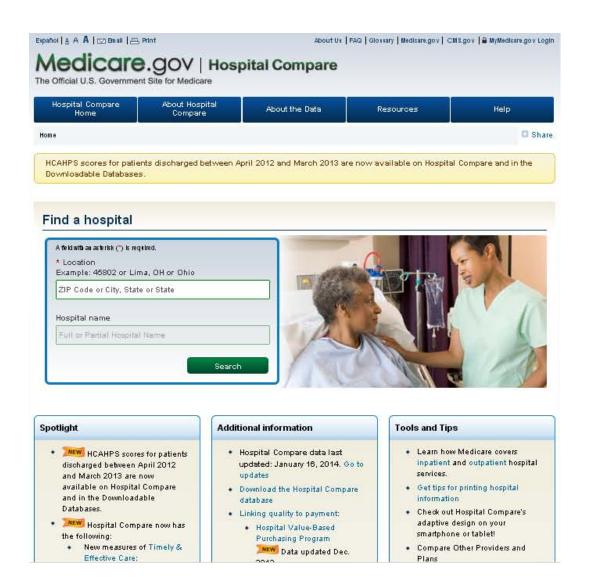
Death rates are much higher in some than in others.



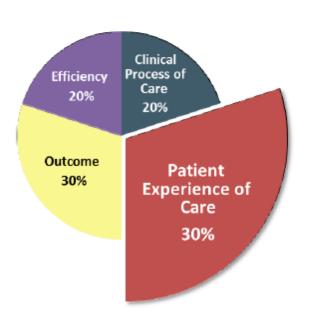


Compares the average death rates for high-rated and low-rated hospitals, for patients admitted with heart attack, heart failure, or pneumonia, and for surgery patients with serious, treatable complications. Data come from the Centers for Medicare & Medicaid Services for patients 65 and older.

With the public reporting of quality measures compliance and cost of care, the patients can now choose the facility they think will best meet their needs.



FY 2015 Patient Experience of Care Dimensions



Patient Experience of Care Dimensions for FY 2015

- 1. Communication with Nurses
- 2. Communication with Doctors
- 3. Responsiveness of Hospital Staff
- 4. Pain Management
- 5. Communication about Medicines
- 6. Cleanliness and Quietness of Hospital Environment
- 7. Discharge Information
- 8. Overall Rating of Hospital

Value Based Purchasing The Patient Experience



National Initiatives...



Consumer Assessment of Healthcare Providers and Systems

- H-CAHPS: Hospital Inpatients (2007)
- HH-CAHPS: Home Health Patients (2009)
- ICH-CAHPS: In-Center Hemodialysis Patients (2012)
- CG-CAHPS: Physician Clinic & Group Office Patients
 - ACO / Shared Savings / Pioneer ACO's (2014 / 2015)
- Pediatric-HCAHPS: Pediatric Patients (2013 National Pilot/20+ Hospitals)
- ED-CAHPS: Emergency Department Patients (Pilot in 2014)
- SDS/ASC-CAHPS: Ambulatory Surgery Patients (Pilot in 2014)
- LTC-CAHPS: Nursing Home Residents and Family Members
- More to come:

The 2014 HCAHPS Survey

Seven Themes

- Communication with nurses
- Communication with doctors
- Responsiveness of hospital staff
- Pain management
- Communication about medicines
- Discharge information (Yes/No scale)
- Transition of care

Two Individual Questions

- Cleanliness of hospital
- Quietness of hospital

Two Overall Questions

- Overall hospital rating (0 10 point scale)
- Would recommend (4 point scale-definitely yes)

HCAHPS USES FREQUENCY SCALE:

Always

Usually

Sometimes

Never

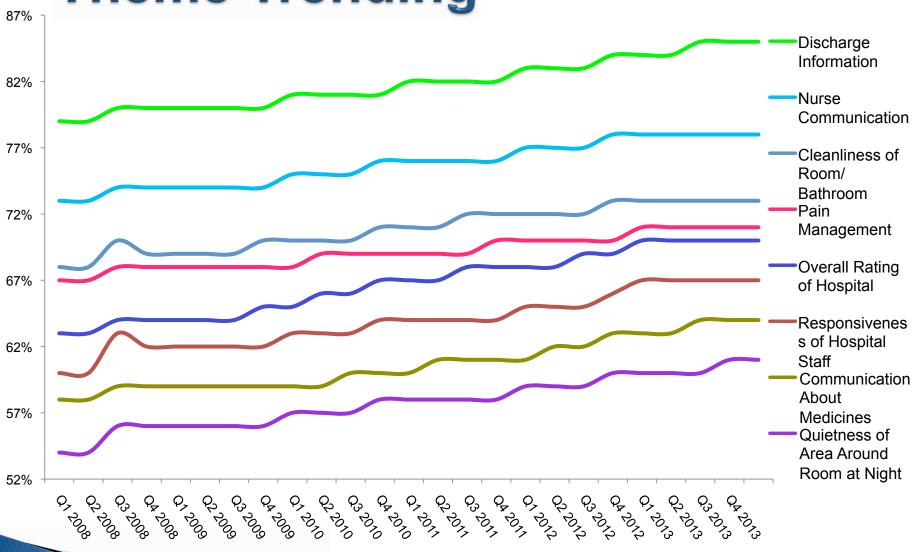
National HCAHPS Performance



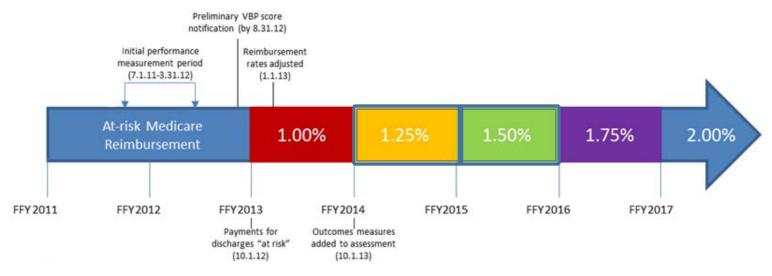
Scores Are Improving in Every Area

HCAHPS Survey Theme	Top Box Score 1 st Quarter 2008	Top Box Score 4 th Quarter 2013	Change 2008 - 2013
Overall hospital rating	63%	70%	+7
Responsiveness of staff	60%	67%	+7
Quietness at night	54%	61%	+7
Discharge information	79%	85%	+6
Communication about meds	58%	64%	+6
Nurse communication	73%	78%	+5
Cleanliness-room/bathroom	68%	73%	+5
Pain management	67%	71%	+4
Would recommend	67%	71%	+4
Doctor communication	79%	81%	+2

Theme Trending



Value Based Purchasing



	2013	2014	2015	2016	2017
Clinical Measures	70%	45%	20%	10%	10%
HCAHPS	30%	30%	30%	25%	25%
Outcomes		25%	30%	40%	25%
Efficiency			20%	25%	25%
Safety					15%

Hospital Based Initiatives



- Pain Management
- Palliative Care
- PEARL Program



Pain Resource Nurse (PRN) Program Development St. Charles Hospital: 2009 - 2014

- Faculty members are dedicated to providing ongoing education based on the core curriculum
- Program review and revisions are made after each session to address participant needs and requests and to incorporate current practice guidelines
- 14 total sessions have occurred since 2009 with a total of 311 nurse participants



Palliative Care Program



- Began in 2008 at St. Charles
- Effective February 9, 2011, Chapter 331 of the Laws of 2010 (commonly known as the Palliative Care Information Act) amends the Public Health Law by adding section 2997-c, which requires physicians and nurse practitioners to offer terminally-ill patients information and counseling concerning palliative care and end-of-life options.
- Team: Physician, Nurse Practitioner in Pain Management, Nursing Coordinator, Nutrition, Pastoral Care, Care Management, Social Work

Patient Engagement by Active Rounding by Leadership (PEARL)

PEARL

Enhancing the Patient Experience



The Visits



- Patients are assigned by Admitting Department via email
- See patient and/or family within 24 Hours of admission/Monday for weekend admissions
- Follow up with patient within 2 days of initial visit (2 contact minimum)
- For patients with stays longer than 7 days, visit 1x per week
- Send Get Well Cards after discharge.
 Track information and submit every two weeks.

The Process



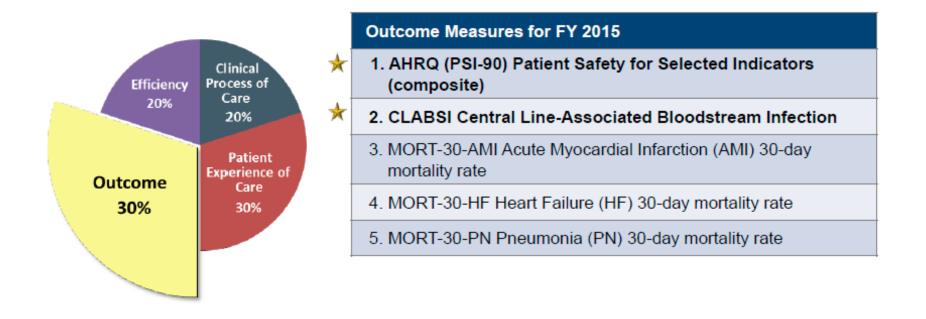
- Receive a daily email with patient name and room number assignments from Admitting
- Check in at Nurse's Station introduce yourself, communicate with either the NCC, ANCC or Charge RN regarding patient and visit.
- 3. Stop in to see patient and/or family member.
- 4. If available, visit and present your business card before leaving.
- 5. If patient is sleeping or receiving services, leave a "missed visit" note card and return at another time.
- 6. Address issues or concerns and communicate with patient/family.
- 7. Make Follow up phone call within 2 days post discharge.
- 8. Enter all information on tracking sheet and submit timely.
- Send Get Well Card once discharged.

Monthly iPearl Huddles

- Attendees include nurse managers
- OFIs, service recoveries and complementary feedback reviewed
- Success stories shared
- HCAHPs reviewed



FY 2015 Outcome Measures





🔭 Represents a new measure that was not in the FY 2013 and FY 2014 programs.

Outcome Measures for FY 2015: AHRQ PSI-90 (3 of 3)

Patient Safety for Selected Indicators (Composite)

PSI 03 - Pressure Ulcer Rate

PSI 06 - latrogenic Pneumothorax Rate

PSI 07 - Central Venous Catheter-Related Bloodstream Infection Rate

PSI 08 - Postoperative Hip Fracture Rate

PSI 12 - Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate

PSI 13 - Postoperative Sepsis Rate

PSI 14 - Postoperative Wound Dehiscence Rate

PSI 15 - Accidental Puncture or Laceration Rate

Outcome Measures for FY 2015: CLABSI

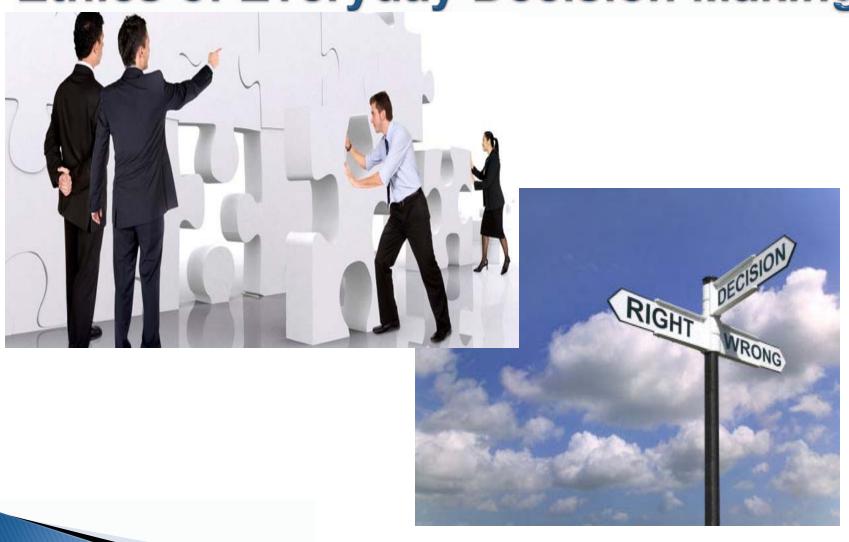
Outcome Measures for FY 2015

2. CLABSI Central Line-Associated Bloodstream Infection

CLABSI is:

- One of two new measures for the Outcome Domain
- A Healthcare-Associated Infection (HAI) measure that assesses the rate of laboratory-confirmed cases of bloodstream infection among ICU patients
- Adoption of CLABSI is consistent with the intention noted in the Hospital VBP program's statutory requirements to consider measures of HAI for the program's measure set

Ethics of Everyday Decision Making



Ethical Dilemma

Charting complete	Charting partially complete	Charting complete but not done
Care delivered	Care may or may not have been delivered	Care not delivered
Hospital revenue	Practice standards	Practice standards and organizational policies
	Organizational policies	Professional standards

Where to Go for Questions

Technical questions or issues related to accessing the report

 Contact the QualityNet Help Desk at the following email address: qnetsupport@sdps.org or call (866) 288-8912

More information on your FY 2015 Baseline Measures Report

See the "How to Read Your FY 2015 Baseline Measures Report" guide located on the
Hospital VBP section of the QualityNet website: http://www.qualitynet.org by selecting the
"Hospital – Inpatient" box at the top of the page and choosing the Hospital Value-Based
Purchasing (VBP) link

Frequently Asked Questions (FAQs) related to Hospital VBP

 Find FAQs using the Hospital-Inpatient Questions and Answers tool at the following link: https://cms-ip.custhelp.com/

Ask Questions related to Hospital VBP

 Submit questions using the Hospital-Inpatient Questions and Answers tool at the following link: https://cms-ip.custhelp.com/

THANK YOU!

QUESTIONS??