

El Camino Hospital Clinical Outcomes Nurse

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BAPSC
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Core Measures

Where were we?

- | PI teams in place with MD Champion

 - » AMI

 - » CAP

- | CHF Lead by Telemetry Unit, no specific MD Champion

- | Results flat, observed complacency at National Average



Core Measures

Where were we?

- | Board wanted to see improvement
- | CEO brought in consultants to review Quality Program
- | CHART preliminary results became available
- | Captured everyone's attention



Core Measures

What can we do?

Rapid Cycle Improvement “What can we do by next Tuesday”

- » Requested a pilot for a full time Clinical Outcomes Nurse
- » Offered temporary position to the Critical Care Care Coordinator
 - minimal training required
 - could be replaced immediately



When can we do it?

- | Began the last week of January with go live February 1, 2007
- | Did analysis of patients discharged who were included in Core Measures and looked at the admitting diagnosis
 - » SOB, COPD, Resp. Failure, Chest Pain etc...
- | Developed discrete lists in EMR daily to identify potential patients



What Can We Do?

- | Developed Tools
- | Made rounds daily on clinical units
- | Made recommendations
- | Collected Data



Admission List

*Hospital Census on 3/16/2007, 8:18
with Admitting Diagnosis Suggestive of AMI, Heart Failure, or Pneumonia*

Patient Name	Room	Type	MR#	Enc#	Age	Adm Dt/Time	Attending MD	Admitting Diagnosis
3W								
	309A	OOO	822378	0707300367	57	3/14/07 21:24	HOOPER	CHEST PAIN/POSSIBLE MI
	310A	I/P	910752	0707200259	50	3/13/07 17:09	ROOHPARVAR	CHF NOS
	311A	I/P	907656	0707300438	48	3/15/07 1:40	FUENTES	CHF NOS
	312A	I/P	910917	0707400381	82	3/15/07 22:38	LAU	CHEST PAIN NOS
	314B	I/P	123037	0707100294	76	3/12/07 14:06	WONG	CHEST PAIN NOS
	314C	I/P	908408	0706600464	84	3/7/07 19:03	LAU	PNEUMONIA, ORGANISM NOS
	315A	I/P	360623	0707200063	81	3/13/07 7:09	SHIN	SHORT OF BREATH/UTI
4W								
	404A	I/P	655767	0705800077	71	2/27/07 3:32	SAAH	CHEST PAIN NOS
	404B	I/P	063585	0706900174	63	3/11/07 1:48	MARKOVITZ	RESPIRATORY ABNORM NEC
	408P	I/P	017229	0707200318	79	3/13/07 17:18	KORNEI	PNEUMONIA/CHF
	414A	I/P	905265	0707200455	81	3/13/07 21:51	SCOTT	CHF NOS
	414B	I/P	197129	0707200390	88	3/13/07 18:48	WATSON	CHF NOS
	416A	I/P	037291	0707300206	71	3/14/07 15:21	LALLY	CHEST PAIN NOS



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AAA, NIMS FOURWEST
4W-000-0

0000884370 / 0608400009
Xvalidation, Doc

1y Female

List Orders Results Patient Info Documents Flowsheets Clinical Summary MIS

List: 4W

20 Visit(s)

Save Selected Patients...

Assigned Location	Temporary Location	Patient Name	Age	Gender	Visit Information	Visit Type	Fall Risk	Flag New	New Orders	New Results	Pl Di
000-0		AAA, NIMS FOURWEST	1y	Female		Inpatient					
400-A			96y	Female	CVA w/ seizures; resp arrest after Ativan	Inpatient	Thud II				
400-B			69y	Female	HF BNP 169; Trop 0.06	Inpatient					
400-C			89y	Male	ALOC, Bradycardia; Alzh; PTCA, Dysphagia	Inpatient	Thud II				
400-D			92y	Female	SBO; HF BNP 860; Trop .10	Inpatient	Thud II				
403-A			90y	Male	Chest pain, Cath 4/11	Inpatient					
403-B			70y	Male	Dehydration/Diarrhea	Inpatient	Thud I				
404-A			85y	Male	PTA & stent Rt popliteal; Nonhealing R.foot ulcer;...	Inpatient	Thud II				
405-P			84y	Female	septicemia; HF, anemia, Cdiff +; Rt nephrectomy;...	Inpatient	Thud II				
406-P			80y	Male	Dehydration, PAFib, C diff colitis	Inpatient	Thud II				
408-P			84y	Female	GI BLEED, ischemic bowel, hx: CHF, Pacemaker	Inpatient	Thud II				
409-A			78y	Female	CHF, ANEMIA	Inpatient	Thud I				
410-B			75y	Female	ESRD; dialysis cath placement	Inpatient	Thud II				
411-A			50y	Male	Acute Pancreatitis	Inpatient	None				
412-A			86y	Female	CVA	Inpatient					
414-B			86y	Male	3/31 DRIF L HIP, CVA 4/6	Inpatient	Thud II				
414-C			90y	Male	HF BNP 256; Lt. MCA Stroke./alzheimers	Inpatient	Thud II				
414-D			64y	Male	Trop 1.08; PNA, ALOC	Inpatient	Thud II				
415-B			83y	Male	Trop 2.97; HF BNP 855; Sepsis	Inpatient	Thud II				
416-B			55y	Female	HF BNP 726; COPD; Lupus	Inpatient					

Developed Tools



Patient

Dr. _____

In the future would you please use the order set for Pneumonia. It includes all of the Core measures for Community Acquired Pneumonia:

1. Antibiotics
2. Oxygen assessment
3. Pneumococcal screening.
4. The order set will include soon the order for the Pneumovax to be given on admission if patient is afebrile.
5. Smoking cessation advice/counseling.

_____ On admission screening the patient requested the pneumovax and/or the influenza vaccines. Please order these for patient.

_____ Do you know if the patient has received the pneumovax or flu vaccine in your office? If so would you please document in progress notes>

Thanks for your cooperation.

Joan Santana RN, Care Coordination x 7237 or Vocera

Developed Tools



Dr. _____

I am monitoring the Core Measures for CHF.

- 1. PLEASE DOCUMENT EVALUATION OF LEFT VENTRICULAR SYSTOLIC FUNCTION. This can be done in your progress notes, H&P, consultation or discharge summary.**
- 2. ACE Inhibitor or ARB for LVSD < 40%.**
- 3. Discharge instructions:**

There are 2 ways to do this:

1. Complete in **ECHO** under discharge instructions the cardiac medications (ACE-I, Beta Blocker, Statin, Diuretic) and the section call **HEART DISEASE** which include the follow up appt, symptoms, weigh, activity, diet.

OR

2. Complete the **written Heart Failure Discharge Instructions in front of chart**. Sign the bottom at any time and you or the nurse can fill in the medications at discharge.

Thanks for your cooperation.

Joan Santana RN, Care Coordination x 7237 or Vocera

- Comments
- Orders
- Events
- Phones/Contacts
- Insurance/Visit Data
- Employer

- Demographics
- Weight
- Event

Type	Event	Date	Scope	Status	Entered Date
Current Visit History	4/9 0915 EXTUBATED IN CCU		This Chart	Active	Apr-10-07 13:17
Current Visit History	HX: AF< HTN< Glaucoma, Hearing Aides	Apr-08-2007	This Chart	Active	Apr-09-07 14:25
Current Visit History	4-8-07 adm w CVA and post CVA siezure	Apr-08-2007	This Chart	Active	Apr-09-07 14:25
Advance Directive	Yes - Has Advance Directive elsewhere. Family...		General	Active	Apr-08-07 22:00
Vaccination History	Pneumococcal Vaccine Given		General	Active	Apr-09-07 15:36
Vaccination History	Influenza Vaccine given	Sep 2006	General	Active	Apr-09-07 15:36
Medical Surgical History	LVEF NORMAL	Apr-09-2007	General	Active	Apr-10-07 12:45
Medical Surgical History	Uses Cane/Walker		General	Active	Apr-08-07 13:08
Medical Surgical History	Hearing Deficits		General	Active	Apr-08-07 13:08
Medical Surgical History	Glaucoma		General	Active	Apr-08-07 13:08
Medical Surgical History	HTN		General	Active	Apr-08-07 13:08

Show Inactive

Details

History

Tools: Sticker on Front of CHF Charts

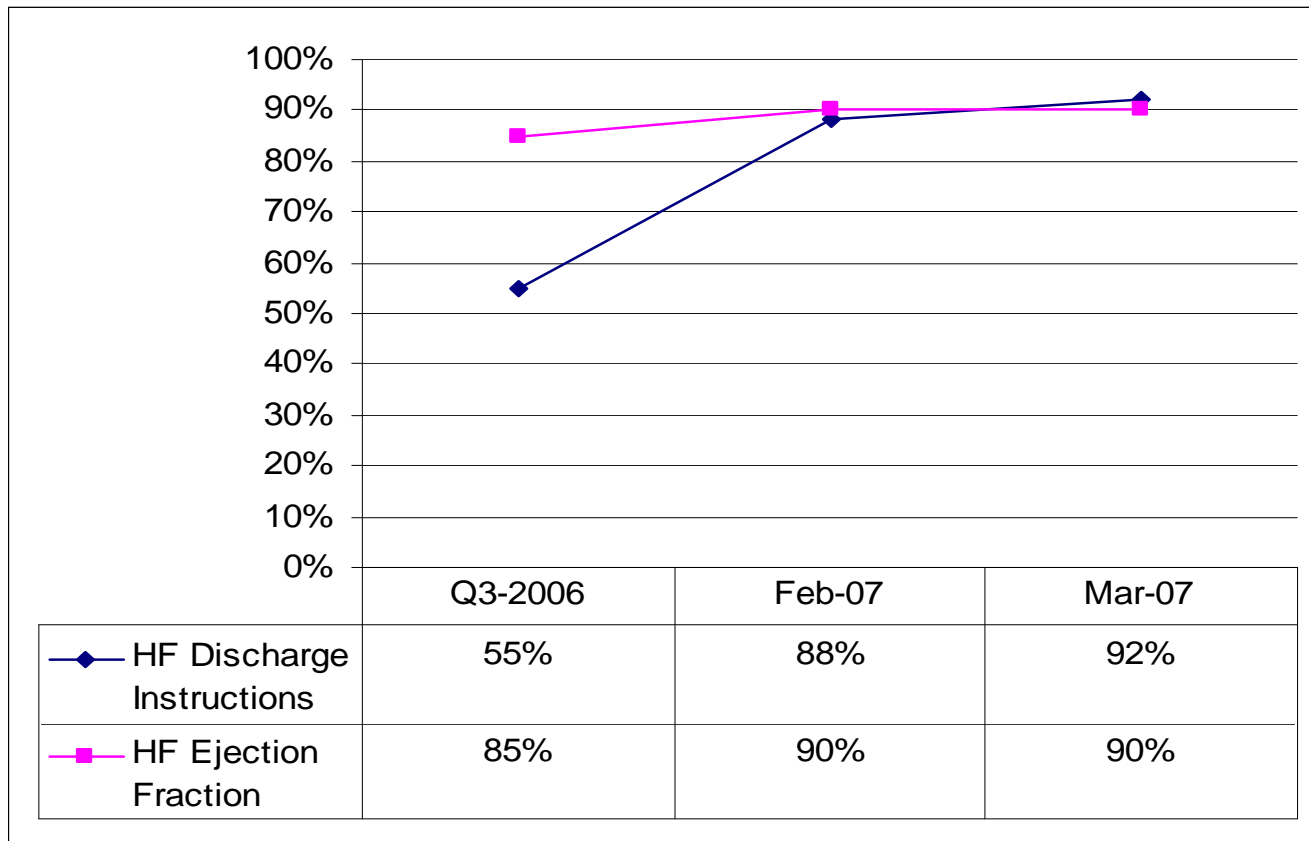


Updated Order Sets

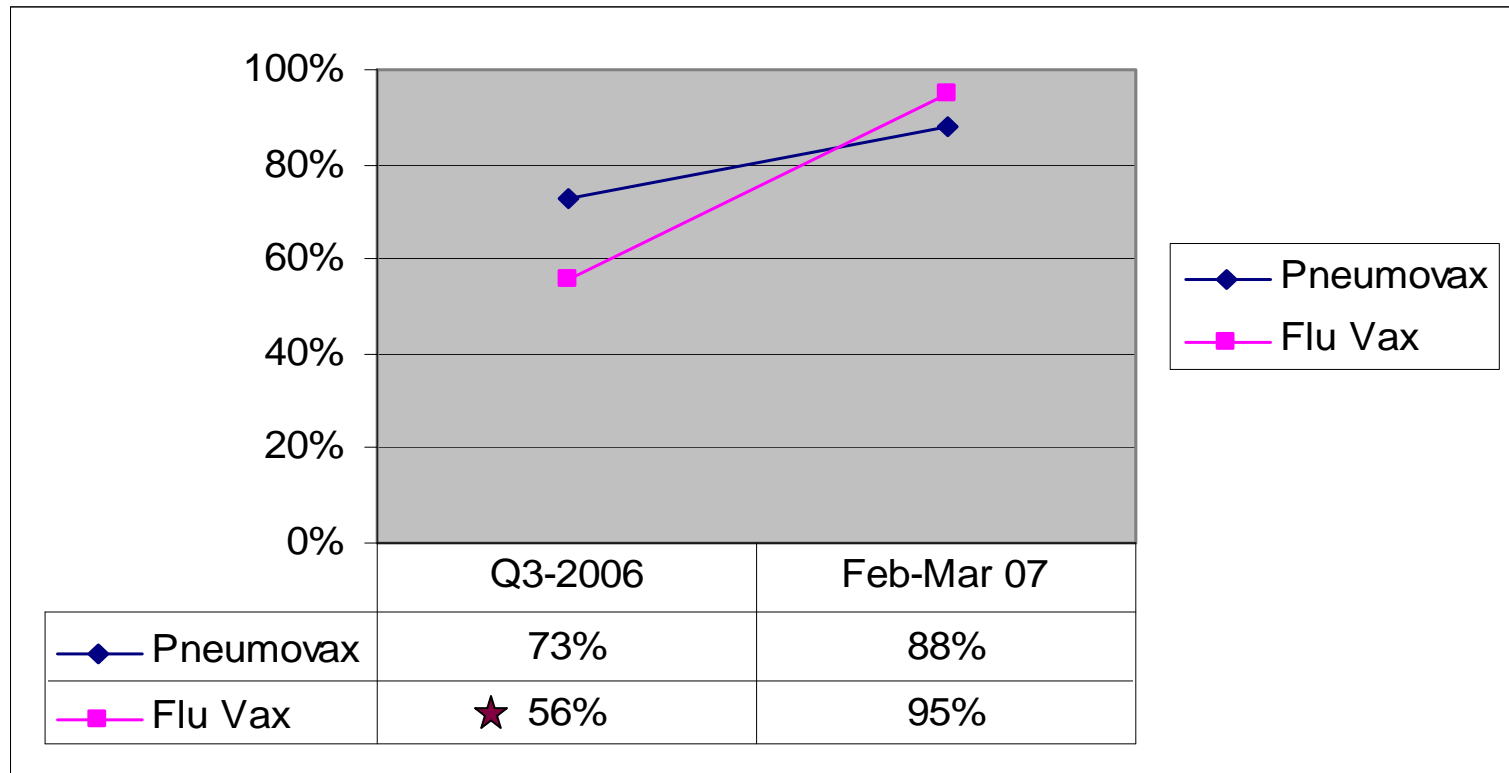
- | CAP Team simplified initial ABX order sets
- | Had Pneumovax Standardized Procedure
 - » Improved clarity of order
 - » Improved documentation of pneumovax status



How did we do? CHF Results



How did we do? Pneumonia Results



★ Q1 06 data



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