

Reducing Readmission Case Stories Discussion of Successes

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University of California, San Francisco

- Mission: The reason that we exist is Caring, Healing, Teaching, and Discovery
- Top 10 Hospitals (US World and News past 13 yrs)
- 722 licensed beds; 28,000 admissions,
- New UCSF Mission Bay Hospitals
 - Benioff Children's Hospital
 - Betty Irene Moore Woman's Hospital
 - Bakar Cancer Hospital
 - Ron Conway Family Gateway Medical Building



The Cross Continuum Team

- Multidisciplinary cross continuum team – it takes a village;
- Family caregivers, nurses, physicians, senior leadership, case managers, social workers, dietitians, pharmacists, nurse practitioners, home care team, palliative care, Care Support team, chaplains, managers, community partners, SNF liaisons, outpatient clinic liaisons, community clinics liaisons, and more



The Cross Continuum Team

- Excellence in Transitions of Care – ETOC
- Workgroups – Hospital wide readmission projects
- Data review and management
- Highlights on progress on projects/programs
- Inpatient and outpatient programs
- Senior leadership participation
- Office of Population Health

Cross Continuum Teams



UCSF Housecalls



UCSF Care Support



**UCSF-Hastings
Medical Legal
Partnership for
Seniors**



**UCSF Center for
Geriatrics Care**



UCSF Bridges

St. Luke's Hospital - UnityPoint Health System

- Private hospital – Cedar Rapids, Iowa
- Society of Chest Pain Center – Chest Pain Certification (2010, 2013)
- Affiliate in the UnityPoint Health System
- Magnet Re-designation – 2014
- Licensed for 500 Beds with more than 17,000 admissions
- Mayo Clinic Care Network – 2014
- Truven Top 100 Hospital – 5 years; Heart Hospital - 3 years
- Iowa Recognition for Performance Excellence Gold Award - 2010
- Joint Commission Disease-Specific Recertifications in Stroke (2006-14), Heart Failure (2008-14), Total Joint (2008-14) and Palliative Care (2010-14).



CCT – Transition to Home

Our mission: “To give the healthcare we’d like our loved ones to receive”

- Meets monthly
- Reviews readmissions for each month related to core diagnosis to assess causes and opportunities for improvement
- Reviews process and outcome measures
- Continually testing and improving, aggregating the experiences of patients, families and caregivers
- Each site/level of care reports on testing occurring in their area

Transition to Home Team Members

- Inpatient Nursing Units
 - Manager
 - Care Managers
- Palliative Care
- Home Care
- Respiratory Care
- Emergency Dept.
- Case Management
- CardioPulm. Rehab.
- Pharmacy
- Nurse Practitioners
- UnityPoint Clinics Reps
- Critical Access Hospital
- Community SNF's
- Hospitalist Rounding Nurses
- Outpatient Social Services
- Inpatient Social Services
- Performance Improvement

Several Subgroups Report into the Larger Transition to Home Team

- Data Management
- Patient Education Processes
- Home Care
- SNF/Nursing Facilities Work Processes
- Physician Clinic Processes
- Case Management/Social Work/Care Coordination

Several members of the Transition to Home team are members of the hospital ACO and Population Health Management work. Information is bidirectional between these teams.

Program Overview



Overview of the Process

- Standardized evidence-based care through order sets.
- Patient Education/Teaching:
 - Utilizing Universal Health Literacy Concepts
 - Enhanced teaching materials
 - Teach back
- Utilization of whiteboard to individualize patient's plan of care and communicate to team.
- Bedside Report
- Transition to Home Huddles

Continuum of Care (Cont'd)

Touch points post discharge:

- Home Care - care coordination visit 24 to 48 hours post discharge on high-risk patients
- Physician Clinic follow-up appointment made prior to discharge for 3-7 days after
- Work closely with PCP offices on Transitional Code (TCM) and Patient Centered Medical Home
- Standardized tool for transfer of information to nursing facilities for next level of care.
- Telehealth monitor available through Home Care
- Emergency Department Consistent Care Program
- Advanced Medical Team
- Outpatient Social Worker
- Palliative Care Program

The Foundation

- Monthly Heart Failure Grant Meetings with Multidisciplinary Team
- Comprehensive Patient Education
- Care coordination
- Implemented IHI Evidence Based Interventions
- Development of Data Collection System
- Patient Advisory Group, Heart Healthy classes on unit
- Palliative Care Collaboration
- Staff trained on Teach Back & HF Education
- Patient stories shared to drive change
- Focus on Continuum of Care - Communication and Collaboration

Patient Interventions

- Patient Identification- Daily Chart Reviews
- Extensive Patient and Family education
- Referrals: Inpatient and Outpatient
- Follow-up Appointments
 - Within 7 days for primary HF, COPD, PNA,AMI
 - Heart Failure Clinic NPs visits for high risk patients
 - Outpatient programs for high risk patients
- Follow-up calls
 - Increased with automation to 5/month
- Medication Reconciliation- Pharmacist consult
- Discharge Summaries- within 48 hours
- Hand off Communication to Outpatient providers
- Care at Home Programs – High Risk patients



Outpatient Focus



- Collaboration with Outpatient Providers
 - Skilled Nursing Facilities, Home Care Agencies, Primary Care Physicians, and Cardiologists
- “Virtual Team” Email to connect providers (in/outpatient)
- Geriatric Transitions, Consultation, and Comprehensive Care (GeriTraCCC) started UC–Care Support at Home
- MD House Calls for High Risk HF Patients (Aug 2010)
- Advanced Heart Failure Clinic; High Risk pts- NP follow up
- In-services for staff, home care, skilled nursing staff
- Hospital wide projects to standardize and improve discharge process and readmission projects

Assessment



UCSF MDR Improvements

- Quieter space
- New team monthly- welcome and orientation
- Clear expectations for all members
- Readmission discussions
- What can we do differently?
- Address level of support needed
- Risk discussed



Readmission Interviews

- Gain perspective of patient and family caregivers
- Reach out to inpatient and outpatient providers
- Notification of # of admissions in past year, 30 and 90 day readmits, and possible factors
- Low health literacy
- Lack of support
- Medication challenges
- Transportation challenges
- Assessments: Cognitive, depression, functional, motivation

5. Readmission

What Caused Readmit?

Call Care Instructions Misunderstood?

See MD between readmits? Call MD before ER?

Anything Patient could have done to prevent readmit?

Other

Chart Review

Urgent Care/ ED visit between admits?

Number of Hospitalizations in last 12 mo:

Home care on previous discharge?

Followup call between admissions?

Attended FU appt. between admissions?

Avoidable Readmission

Reason for Readmission

Worsening of underlying disease

Unable to obtain timely follow up

Inadequate family/caregiver support

Medication related (i.e. adverse effect of new medication, patient unable to obtain prescriptions)

New/unrelated problem

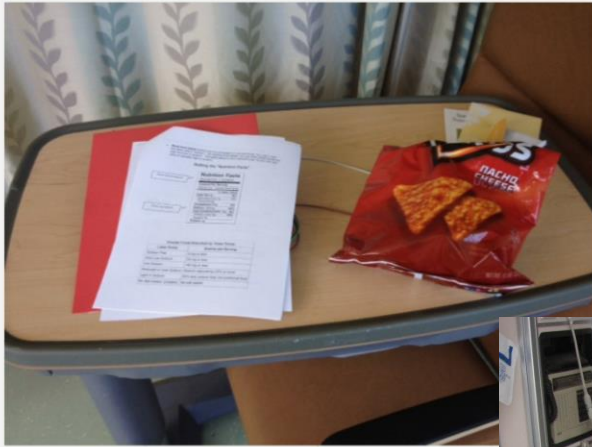
Inadequate monitoring

Unable to reach healthcare provider

Inadequate Self-management

Other reason for readmission:











The Patient Story ... to share and learn from



Enhanced Assessment

- During Admission Assessment, the patient and family are asked, “Who would you like to have present when we provide your discharge information?”
- Medication reconciliation: Dedicated Admission Center RN’s complete home medication list and prepare an appropriate list for physician to address.
- Readmission Interviews

Whiteboard

Welcome To: Room Number: 408-B  Phone #: 319-369-7561	
Patient Name: Please Call Me: One Thing You Should Know About Me: The Most Important Thing To Me During My Hospital Stay:	Today's Date: Anticipated Discharge Date: Plan and Goals For The Day: 
Health Care Team:  Nurse: Tech: Doctors: Therapists:	Test - Treatments - Procedures: 
Diet: 	Pain Management Goal: Our Goal is to ALWAYS help control your pain! 
Activity: 	My Pain Goal: <input type="text"/> My Last Pain Medication: <input type="text"/>
Safety Alerts/ Special Needs: 	Family - Patient Comments:  Key Contact Person:
	Quiet Time 12:30 pm to 1:30 pm / 2:00 am to 4:00 am:  ST. LUKE'S HOSPITAL LEWIS HERRICK MEMORIAL A better place to be Mission: To give the healthcare we'd like our loved ones to receive.

Multidisciplinary Rounds

- Bedside shift report
 - To involve patient and family caregivers as partners in care
- Daily discharge huddles
 - Identification of patient/family needs/concerns
 - Daily goals are reviewed
 - Available support for patient: need for Palliative Care Referral
 - Educational needs
 - Identification of home care needs/other levels of care
 - Nurse sensitive indicators: fall risk, skin issues

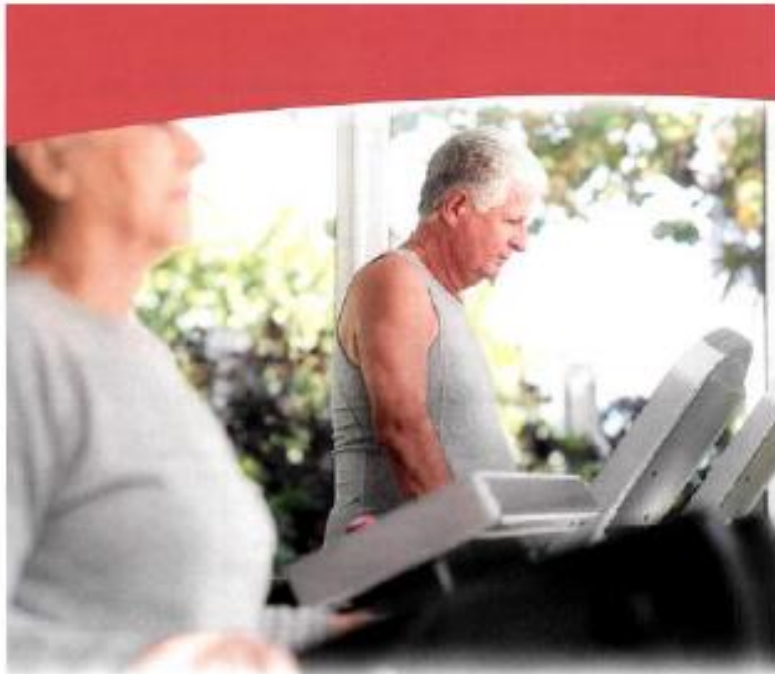
Patient Education/Teach Back



Enhanced Teaching and Learning


- Same materials are used across the continuum: in the hospital, with home care, long-term care settings and the clinics.
- Short, succinct patient/family education packet
- Teach Back questions part of packet
- Patient teaching flowsheets “close the loop” to help staff nurses address Teach Back and assure the documentation and use of Teach back.

Example of MI Packet



Heart Attack

What you need to know and do

 **UnityPoint Health**
St. Luke's Hospital

1. What warning signs and symptoms do you need to call to your doctor?

Answer:

- **Anginal/Chest discomfort** – may be felt as chest discomfort, arm, back, shoulder or jaw discomfort. May feel like indigestion or upper stomach discomfort. Any discomfort like you had with your heart attack.
- **Weight gain** – of 3 pounds in one day or 5 pounds in one week. Swelling in your feet, legs, or ankles.
- **Dizziness/lightheadedness** – If you are dizzy when sitting, standing still, or when lying down.
- **Shortness of breath** – shortness of breath that is new or unusual for you.
- **Fatigue/tiredness** – so tired/fatigued that you cannot complete your usual activities.
- **Unusual heart rate** – your heart beat feels irregular, is beating too fast, too slow or skipping beats.
- **Medication side effects** – you think you may be having a side effect from one of your medicines.

2. How do you know if you may be having a heart attack?

Answer:

- You have discomfort in the jaw, chest, shoulder, arms, back or upper stomach area that lasts more than a few minutes. It may go away and come back again.
- Fullness, indigestion or choking feeling.
- Shortness of breath, with or without chest discomfort.
- Breaking out into a cold sweat, feeling sick to your stomach.

For Women – Any of the symptoms listed above or any of the following:

- Women can have a heart attack without having chest discomfort.
- General sense of uneasiness or that something is just not right.
- Unexplained fatigue, weakness, tiredness (sometimes for days).
- Discomfort in upper stomach area, indigestion type feeling.

3. What should you do if you think you are having a heart attack?

Answer:

- Call 9-1-1 **right away**.... **Do Not** drive yourself.
- Tell 9-1-1 and the hospital you think you might be having a heart attack.

4. What are the most important things for you to do after you have had a heart attack?

Answer:

- If you smoke or use tobacco products, you need to quit.
- Be active every day. Exercise as instructed by cardiac rehab.
- Eat foods that are lower in fat and salt.
- Take your medicines as prescribed by your doctor.
- Keep your appointments with your doctors. Do not miss any.
- Go to (attend) Cardiac Rehabilitation program.

Example: MI 2nd page with TB questions

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COPD Action Plan

Which zone are you in today? **Green, Yellow or Red**

For You to Do

<p>Green Zone</p>	<p>All Clear - You are feeling well</p> <ul style="list-style-type: none"> Your breathing is normal for you The color of your phlegm is clear or white You can do your normal activities without unusual tiredness or shortness of breath Your appetite is good You are sleeping like you normally do You can think clearly 	<ul style="list-style-type: none"> Take your daily medicines as prescribed by your doctor, even if you are feeling good Eat healthy foods. Be active every day (get up and do things) Include some exercise, like walking, in your daily routine Balance your activity with some rest periods Use Pursed Lip Breathing Do not smoke. Make your home and car smoke free. Stay away from smoke areas.
<p>Yellow Zone</p>	<p>Caution - You are feeling worse</p> <ul style="list-style-type: none"> You are more short of breath. You are wheezing or coughing more than usual You have unexplained changes in your weight You have more swelling in your feet, legs or ankles You notice changes in your phlegm (thicker, color, amount) You are using your rescue inhaler(the fast acting one) or your nebulizer more often than usual You are more tired and can not do your usual activities You have a fever and chills You are sleeping poorly. Your symptoms wake you up. 	<ul style="list-style-type: none"> Limit your activities Check your oxygen system to make sure it is working correctly Make sure you have been taking your medicines Have you forgotten any today? Use Pursed Lip Breathing Call your doctor if your weight gain is 3 pounds in one day OR if you have a weight gain of 5 pounds or more in 1 week. Eat smaller meals more often during the day rather than 3 big meals in a day. Use your nebulizer or rescue inhaler (fast acting one), as prescribed by your doctor. Call your doctor if your symptoms don't improve. Don't wait longer than 2 days
<p>Red Zone</p>	<p>Emergency - You feel you are in danger</p> <ul style="list-style-type: none"> You have severe shortness of breath (You feel like you cannot breathe or catch your breath while resting) You have chest pain You feel faint You are more sleepy and have difficulty staying awake You feel confused or are very drowsy. Your speech is slurred You have bluish color to your lips or fingernails. 	<p style="text-align: center;"> Call 911 or go the hospital Emergency Room </p>

Example from EPIC Patient Teaching Flowsheet

Point Description/Learner Progress:

Description:
heart failure exacerbation signs and symptoms

Learner	Ready?	Method	Res...	Comments	Taught By	Date	Time	Status
P	A	TB	ATB	Educated pt and daughter about S &S of CHF	CHAPMAN, KERI N	10/23/20	1252	Done

Learner

- P: Patient
- F: Family
- S: Significant
- C: Caregiver
- O: Other
- Mom: Mother
- Dad: Father
- G: Guardian
- FP: Foster

Readiness

- E: Eager
- A: Acceptance *
- N: Nonacceptance
- R: Refuses

Method

- E: Explanation
- D: Demonstration
- H: Handout
- I: Interpreter
- V: Video
- C: Class/Group
- TB: Teach back *

Response

- VU: Verbalizes Understanding
- DU: Demonstrated Understanding
- NR: Needs Reinforcement
- NL: No Evidence of Learning
- RT: Refused Teaching
- ATB: Able to teach back *
- UTB: Unable to teach back

Teach Back Utilized with Discharge Instructions

- Can you show me on these instructions:
 - How you find your doctors' office appointment?
 - What other tests you have scheduled and when?
- Is there anything on these instructions that could be difficult for you to do?
- Have we missed anything?
- Who will you call if you have questions?

Discharge SmartPhrase

Successful teach-back of After Visit Summary (AVS) complete:

- Yes
- No
- N/A
- Additional teaching can be found under the Patient Education tab

Teach-back of AVS completed with:

- Patient
- Co-Learner - _____
- N/A

Prescriptions:

- Called
- Faxed
- Escribed
- Sent with patient
- N/A

Discharged per:

- Wheelchair
- Ambulatory
- Cart/stretchers
- Carried out by: _____

Nursing Report called to:

- Facility/Home Care Agency name: _____
- Person receiving report: _____
- N/A

Discharge Instructions Faxed to:

- Facility/Agency name: _____
- Home Care Agency: _____
- N/A

Note:

Epic Screen Shot

Patient Education

- Teach Back Technique- WORKS
- Health Literacy principles
- Multiple languages- use of interpreters
- Input from patients and family caregivers
- Same materials and technique across the Continuum of Care
- Educate patient regarding diagnosis, self –care management, and importance of follow up
- Lesson Learned: *Listen* before we teach. Ask open-ended questions
- Goal for Patient: *Take action when you notice a change in your health*



Real-Time Handover



Real-Time Handover Communications

- “Warm Hand-overs” to Skilled Nursing Facilities, Home care agencies, outpatient clinics, and providers
- Email-notifications to inpatient team, case manager, consultants, HF clinic, home care RNs, SNF and PCP on admission
- Creates a “Virtual Care Team”
- Time consuming but valuable
- Unites the entire team working on transition of care
- Importance of Home Care referrals
 - Medication reconciliation
 - Focus on self management skills



Email to Team on Admission:

Dear Medical Team,

We wanted to let you know that we are following Mr. XXXXXXXXXXXX in the Heart Failure / Transitional Care Program . We are very familiar with this high risk patient from previous admissions (5th in past 4 months). We have provided education, initiated palliative care consults, and coordinated services in the past . We would like to provide as much support as possible for the patient and family.

Recommendations:

- 1. Bridges Program- MD home visits*
- 2. UC RN home care*
- 3. Pharmacist consult for discharge medications*
- 4. Follow up appointment within 7 days*
- 5. Goals of care discussion/Palliative care consult*

The goal of this program is to provide our Medicare patients and families with as much information and support as possible to enable them to safely manage their care during this vulnerable post hospitalization period, and to prevent avoidable 30 day readmissions. We will be following patients with primary heart failure, COPD, PNA, and AMI. We will be sharing information through tracking of the readmissions to identify trends and to learn from. The focus of the program is as follows;

- In-house consults when indicated – dietary, pharmacist, palliative care*
- Goals of care conversations initiated (by the team or PCS) for all patients admitted 3 times within a year*
- RN/PT home care visits whenever deemed appropriate*
- Follow up appointments scheduled within 7 days for primary heart failure patients and 14 days for all others at time of discharge*
- Follow up calls through the UCSF discharge phone call program and by the transitional care program for patients identified as high risk for readmissions*

Please let us know if there is anything that we might do to assist and thank you for the great care that you provide our patients!



Real-Time Handover Communications

- Interagency standardized transfer form
- Warm handover Communication
- Work with Clinic and the TCM code
- ARNP's assigned to Post Acute Facilities to oversee care management
- Transition Feedback opportunities

Support Programs



Support Programs

- Consistent Care Program (EDCCP) Patients who had Emergency Room visits >12 times in previous 12 months.
- Care Plan is developed by a team coordinated by an assigned Social Worker.
- Communication tool provides data specific to patient's medical Hx. and current medical needs, and Goals of Care for when patients presents again.
- Advance Medical Team
- High Risk patients assigned a Care Navigator to work with them across the continuum.
- Team includes resource for Outpatient Social Work and Pharmacy consult for medication management.

Support Programs

- Heart Failure Clinics
- MD/NP home visits programs
- Outpatient Palliative Care program
- Health Care Navigators
- ACO case managers
- Discharge phone calls program

UCSF Automated Calls Program

- Goal: All patients receive a discharge phone call- 80%
- Currently: ED, Neuro, Medicine, Ortho, Cardiac
- Disease Management
- Heart Failure, COPD, AMI
 - Specific calls –promotes accountability
 - 4-6 additional calls over 30 days



Post Discharge Automated Call Program

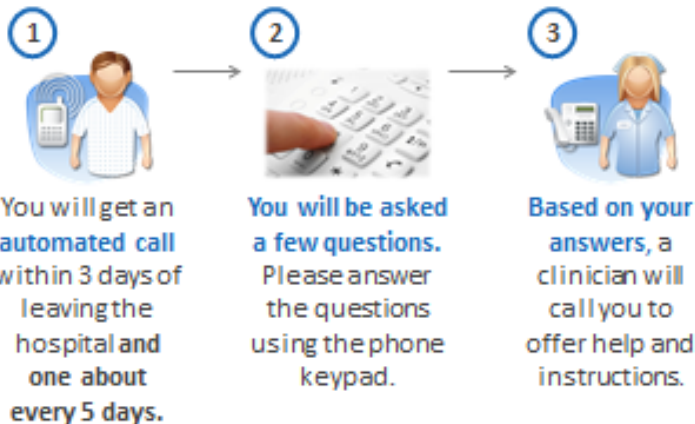
UCSF Medical Center



What You Need To Know About Your Heart Failure Follow-Up Phone Calls

We care about your health in the hospital and at home. Please expect a series of automated phone calls from **1 (415) XXX XXXX** so we can see how you are doing as you recover, and **provide help if needed.**

You will receive **6 separate phone calls** during the month after leaving the hospital from our automated system.



A Clinician Will Call You Back Based On Your Responses to the Following:

- 1** Do you have any questions about the instructions you were given about caring for yourself at home?
- 2** If you were given a prescription, were you able to fill your prescription, or do you have any questions about how to take your medications?
- 3** Are you having shortness of breath or unexpected symptoms?
- 4** Are you weighing yourself?
- 5** Have you gained more than 3 pounds in a day or five pounds in one week?
- 6** Are you following a low salt diet?
- 7** Do you need help making a follow-up appointment or to schedule home care?
- 8** Will you be able to attend your follow up appointment?
- 9** Were you satisfied with your stay at UCSF Medical Center?

HealthHeart Study

- Nurse Avatar “Molly”
- Heart Failure management
- Calls recorded by Heart Failure Coordinators
- Weights, B/P, Heart Rate
- Promotes self care management
- Inpatient Survey- patients 65+ → positive feedback



UCSF Palliative Care Program



Palliative Care

- Palliative care proven to improve symptoms, quality of life, satisfaction, and patient and family outcomes
- 25% of our Heart Failure patients die within one year
- Up to one- half of deaths with Heart Failure are due to Sudden Death
- Palliative care prompts patients to think about all their options in the future and to start the important discussions for making plans
- Standard- consult on 3rd Readmission /Year
- New this year, PC MD on Heart Failure Service
- Increased palliative care options in outpatient setting- expansion





The Goals of Care Conversation:

- When you think about the future what do you hope for?
- When you think about what lies ahead, what worries you most?
- How do you approach these decisions in “your” family?
- Sit and listen
- Wait full 2 minutes without a word

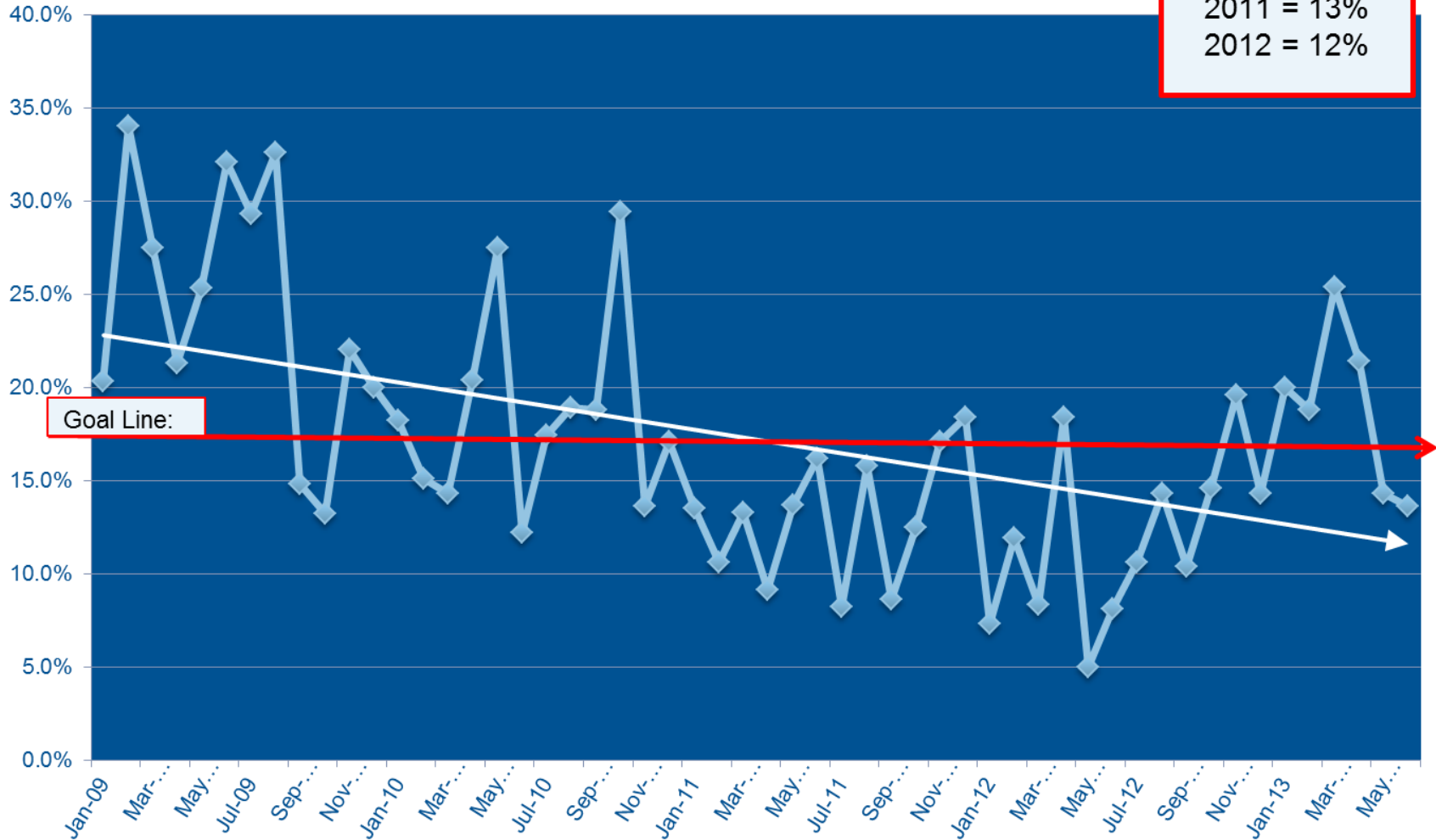


Results

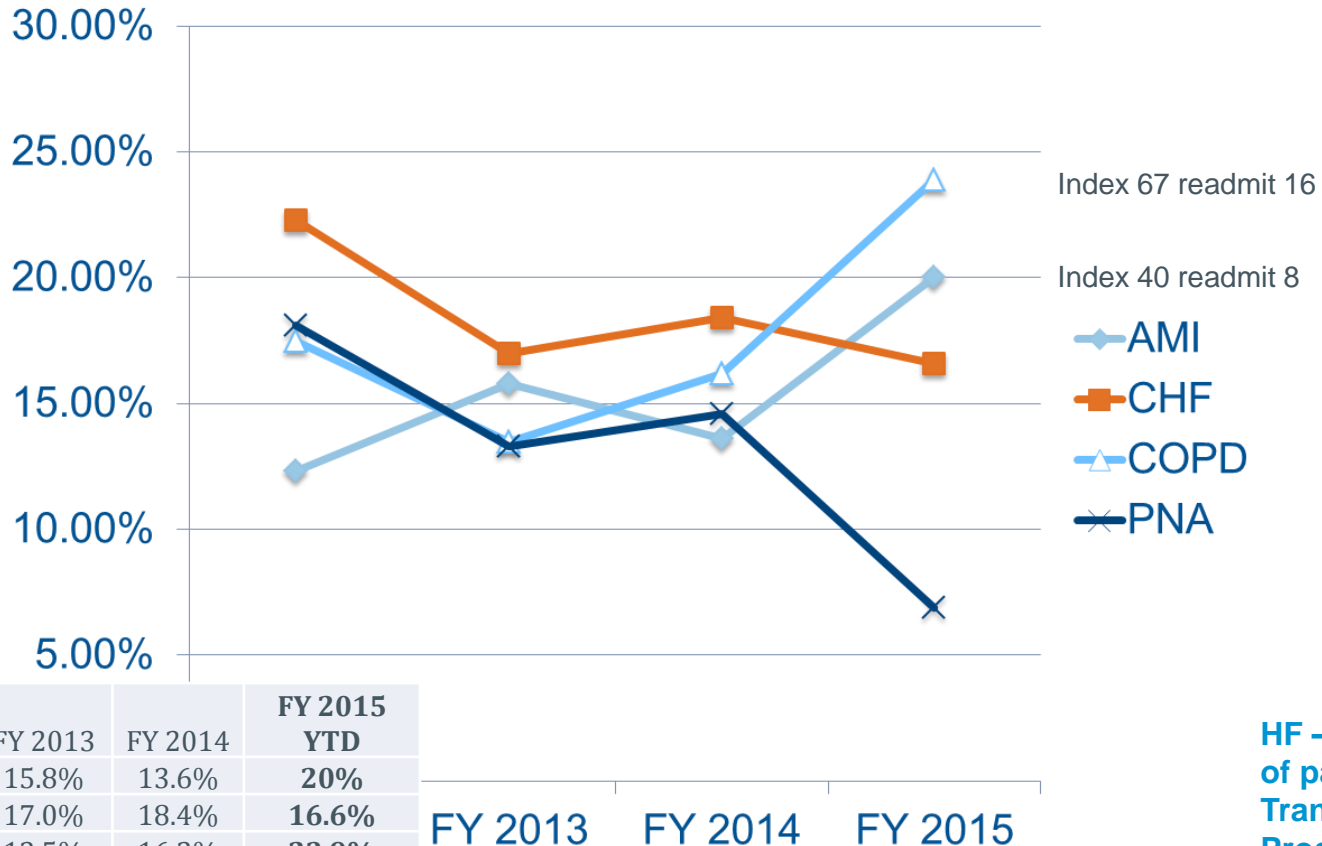


30 Day Readmissions Primary & Secondary Heart Failure UCSF Medical Center Heart Failure Program

Annual Averages
 2009 = 24%
 2010 = 19%
 2011 = 13%
 2012 = 12%



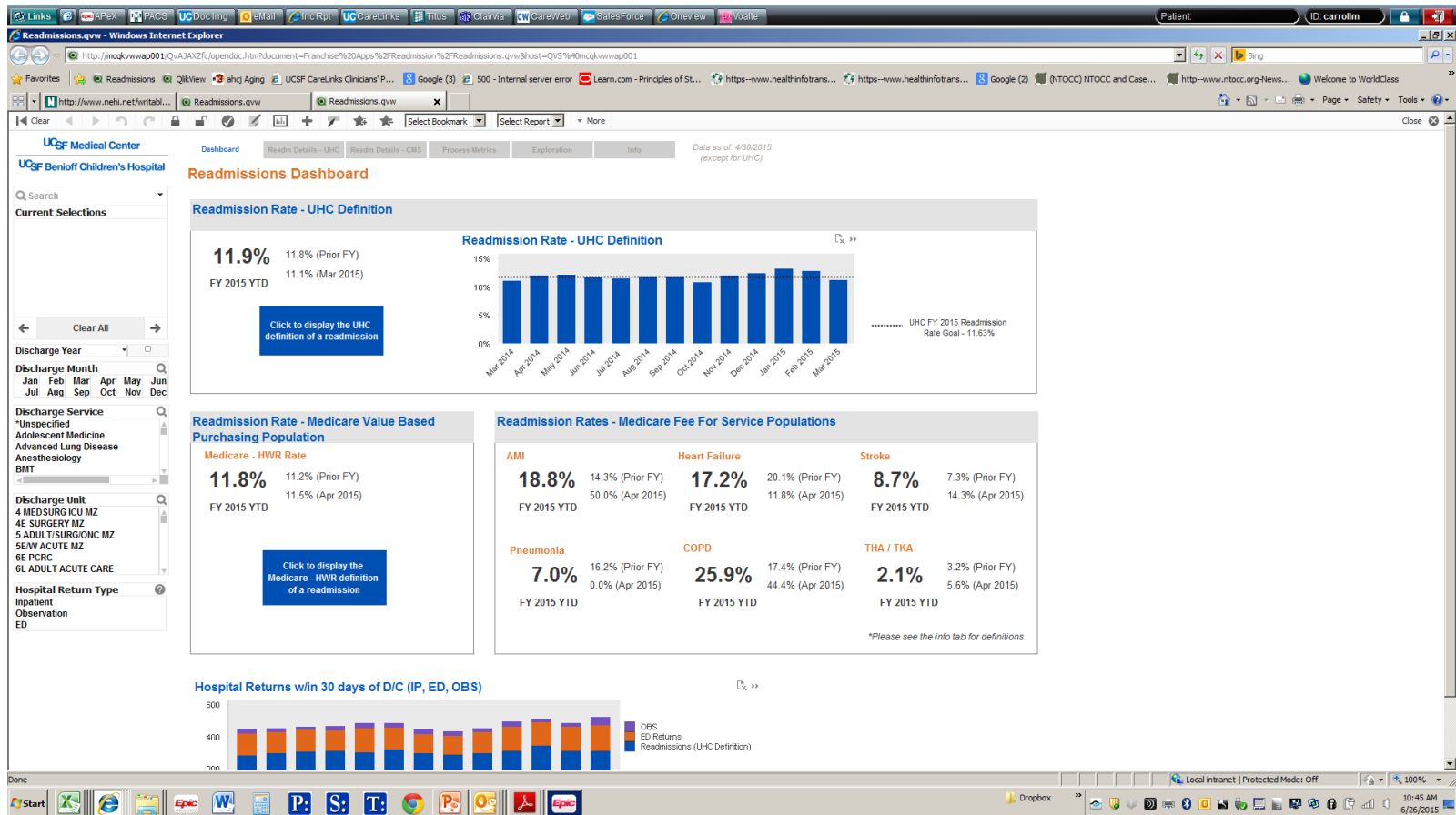
Medicare FFS 30 day Readmissions



**HF – 75%
of patients in
Transitions
Program**



UCSF Readmission Dashboard

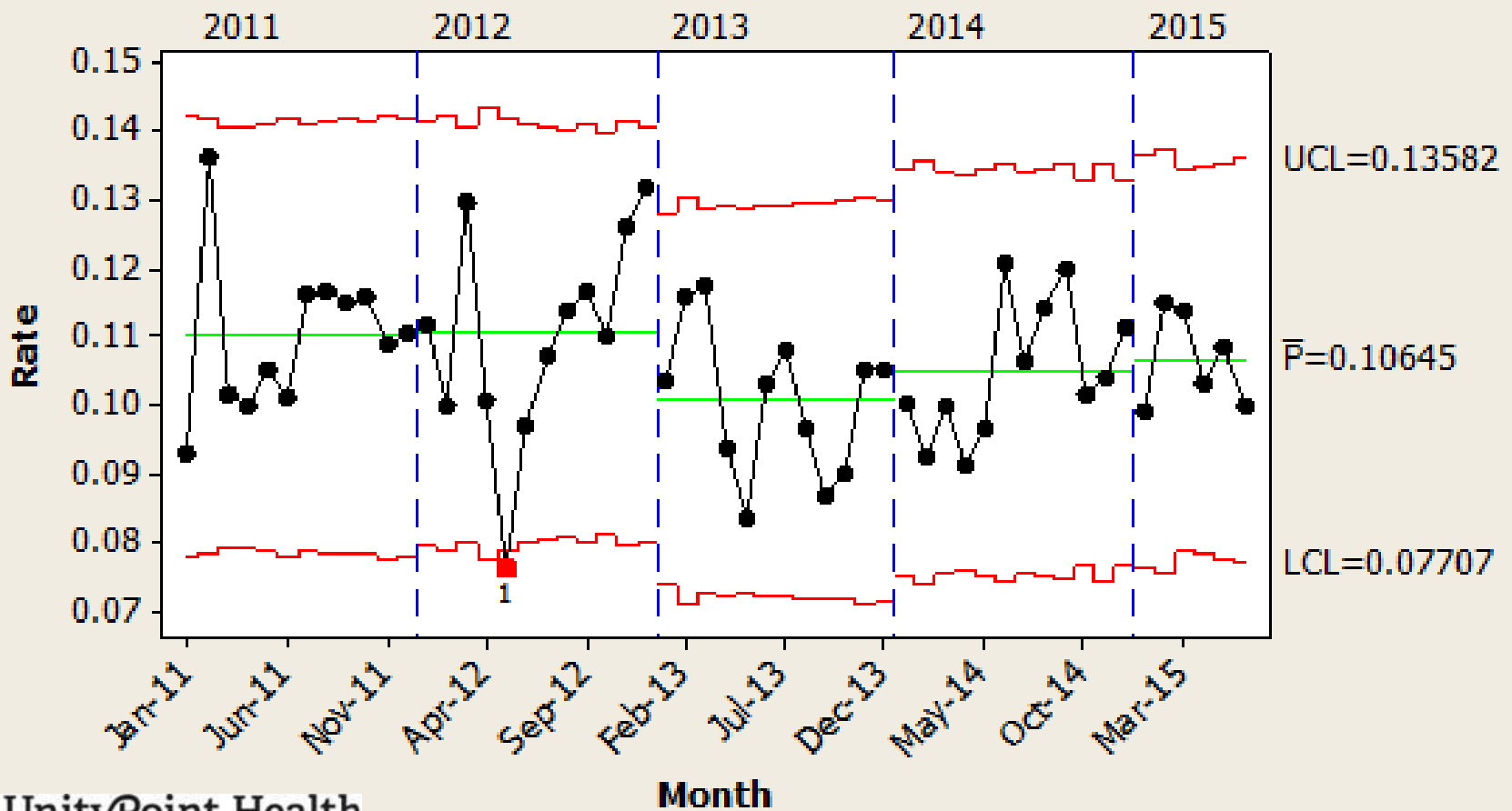


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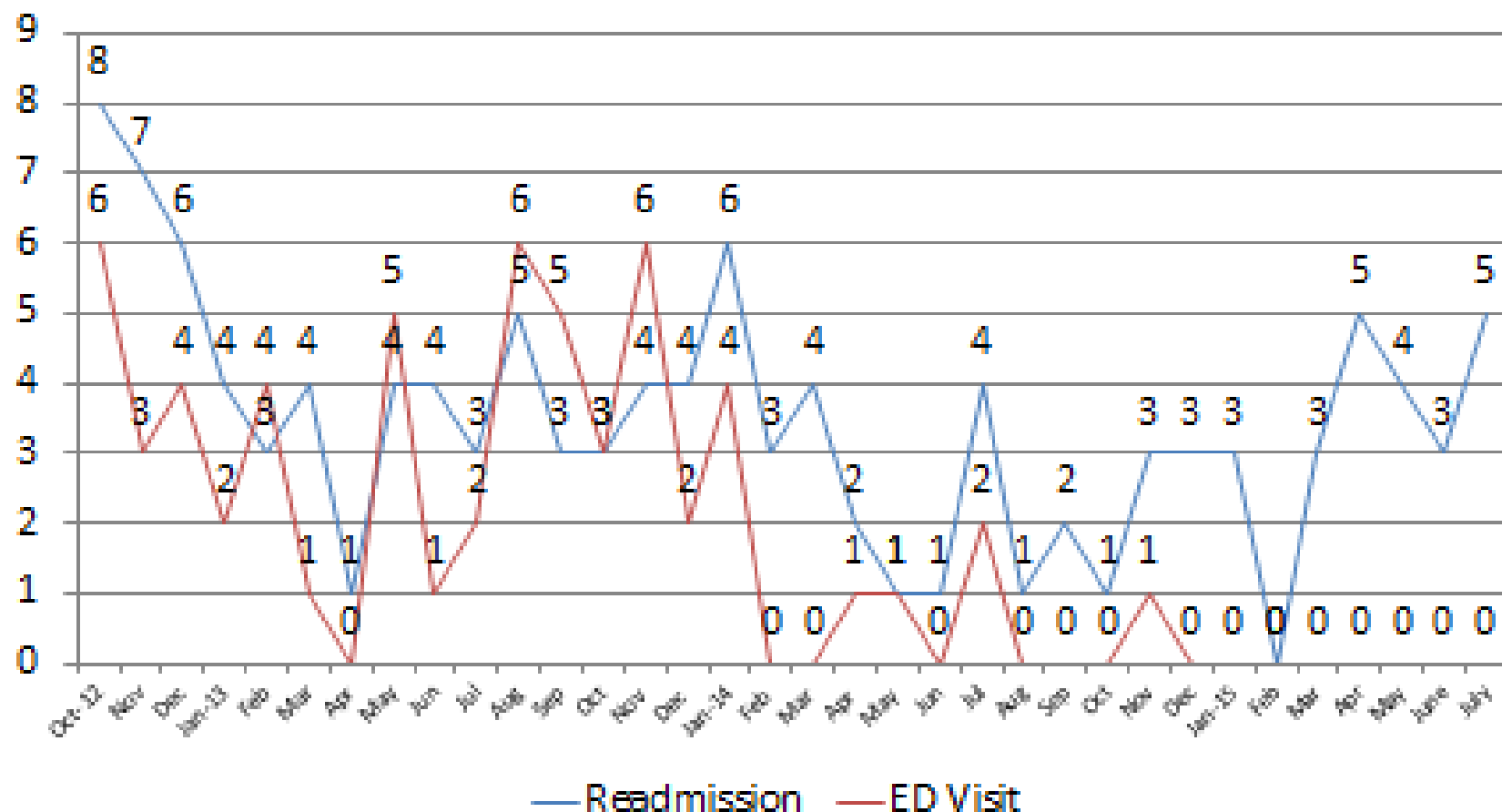
Acute Inpatients Readmitted to Same Status within 30 Days

January 2011 - June 2015

P-Chart

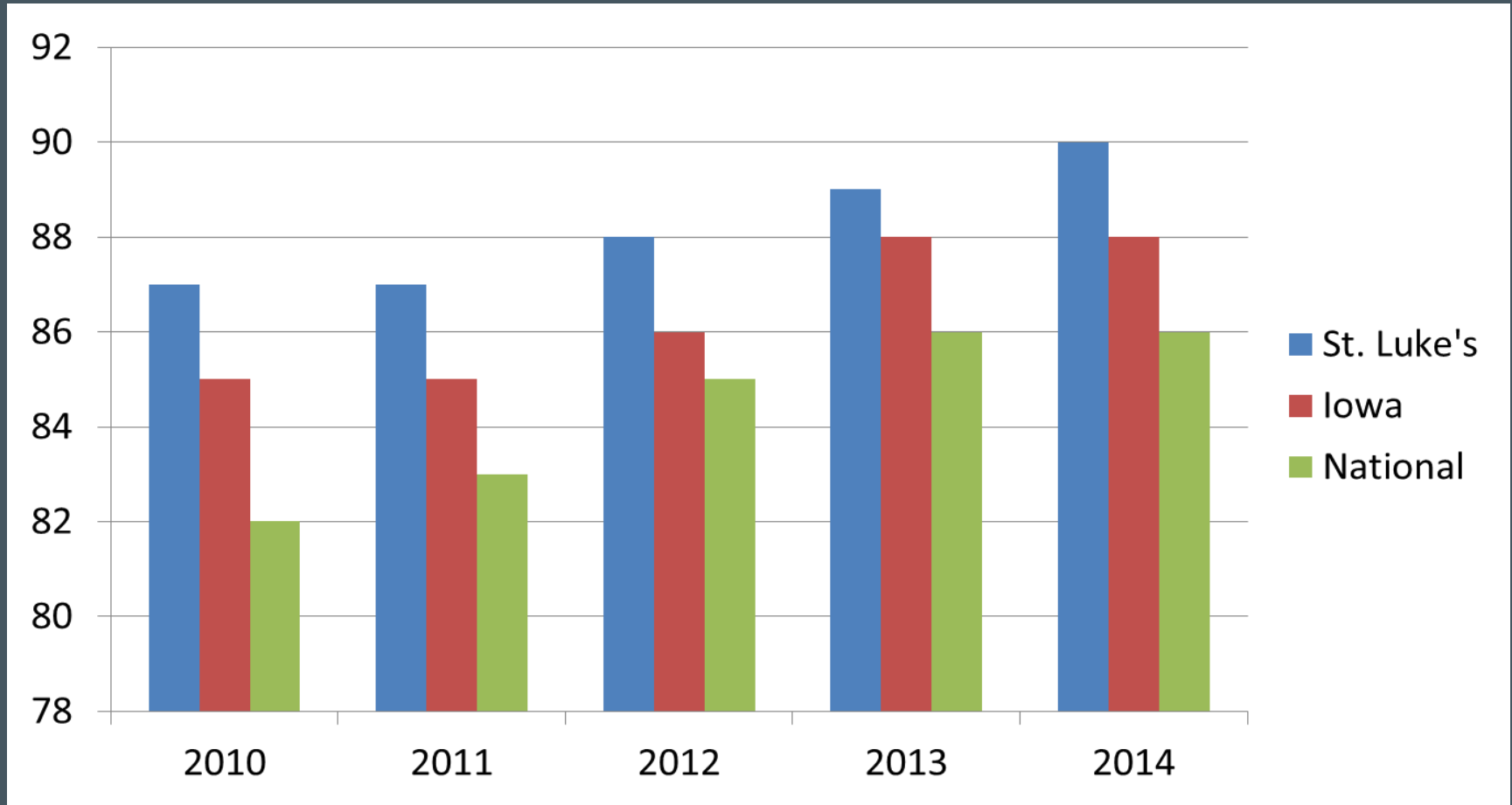


SNF Patients Admitted to St. Luke's ED or Into an Inpatient Status



HCAHPS RESULTS

DISCHARGE INFORMATION (% Yes)



The following questions make up this composite measure:

#19 – During hospital stay, did doctors, nurses or other hospital staff talk about whether you would have the help you needed when you left the hospital?

#20 - During hospital stay, did you get the information in writing about what symptoms or health problems to look out for after you left the hospital?

Lessons Learned



Lessons Learned

- Importance of engaged executive leaders and physicians.
- Patients and families help transform care in profound ways.
- The patient and family home environment must be understood.
- Involving frontline staff in the changes helps them understand why they are important and grows ownership by engaging them in redesign.

Lessons Learned (cont)

- The role of Information Technology in the process should be addressed simultaneously with the work.
- Ongoing monitoring of Process and Outcome Measures is important to hardwiring best practices.
- Using patient stories unleashes energy and participation that becomes evident in process and outcome results.
- The power of relationship building and collaboration of the cross-continuum team builds new ideas to work and removes many of the “silos” in the care.

Lessons Learned...

- Collaboration with IHI – extremely valuable
- Dedicated Heart Failure/Disease Management Program Coordinators - accountable, reliable processes
- Willingness to test, trial, and change interventions
- Make efforts to move outside of silos
- Senior Leadership and Champions necessary
- Cohesive, committed multidisciplinary cross continuum teams

Lessons Learned...

- Palliative Care Team Collaboration
- Home Care collaboration and referrals
- Outpatient program & Community Partners essential
- Results are not immediate – takes time to show improvement
- Teach Back works – focus on Health Literacy
- Technology – great potential – Here to stay
- Power of the patient story to learn from and drive change