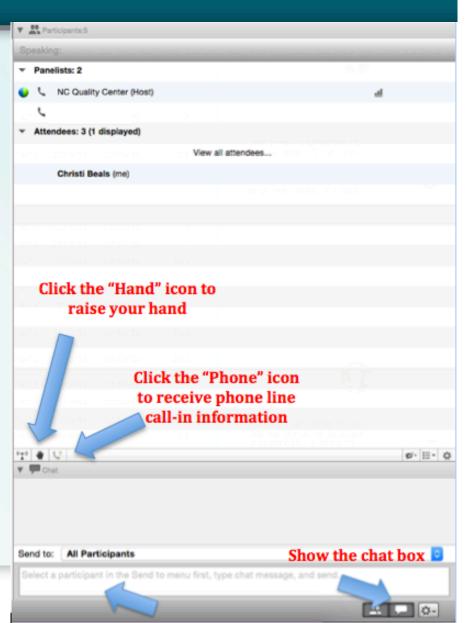




# How to Participate in the Session

- If you have called in by phone, you can "raise your hand" by selecting the hand icon
- If you would like to call in by phone, select the "phone" icon to receive call in information
- Select the "Chat Bubble" icon to show the comments box and type your comments and questions in the chat box throughout the session



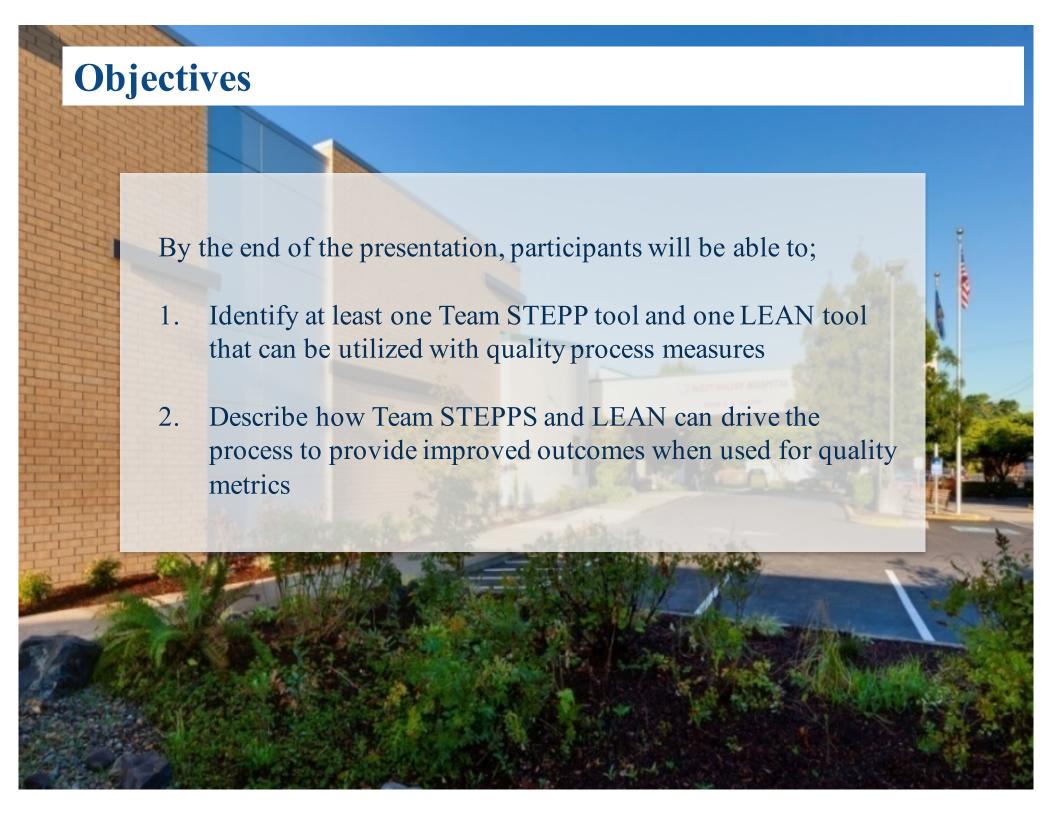
Type Comments/Questions into the Chat box



# Lean Concepts and Team STEPPS Tools Working Together to Improve Quality Outcomes

06:30:16

Presented By: Penny Edwards, RN, MSN, CPHQ



### The Beginning- FY 2013

- Senior Leadership and Quality Coordinator met wanted a quality metric that related to Rural Hospitals
- Reviewed AHRQ and found several studies done on communication on transfer from ED to another facility
- Established parameters to be measured based on studies (Vital signs, Allergies, Home Med List reviewed, Time Meds given in ED, Copies of Records sent or faxed within 60 minutes)
- Started with baseline review (88%) and set initial goal of 95%
- Communication
  - ED Staff Meeting presented what we were measuring, why it was important to ensure information available within 60 minutes
  - ED Medical Staff Met with ED Medical Director. Explained metric and need to have 'STAT" dictation completed prior to or within 60 min. of patient transfer



### The Beginning – FY 2013

#### Positives

- EPIC allergies had to be reviewed or could not proceed in ED assessment navigator
- ED already working on ensuring vitals signs documented within 60 min. of D/C or transfer
- ED Navigator already built to include review of Home meds

Date	MRN	Destination	Time of	Time last	Allergies	Home	Time	Copy of	Does					
			Transfer	Temp	Pulse	RR	BP	SAO2	GCS if	Reviewed	Med List	Meds	records	/Does
									applicable		Available	given in	S=Sent	Not Meet
											&	ED in	F=Faxed	Criteria
											Reviewed	EPIC	E=Epic	
10/21			2006	1956	1956	1956	1956	1956	1956	Υ	Υ	Υ	1959	у
10/4			2125	1740	2100	2100	2100	2100	2100	Υ	Υ	Υ	2125	Υ
10/9			1508	1330	1430	1430	1430	1430	1430	Υ	Υ	Υ	1441	Υ
10/13			1620	1531	1531	1531	1531	1531	1618	Υ	Υ	Υ	1629	Υ
10/15			1657	1514	1616	1616	1616	1616	1656	Υ	Υ	NA	1705	Υ
10/25			1726	1612	1612	1612	1612	1612	NA	Υ	Υ	Υ	1645	Υ
10/26			302	243	243	243	243	243	na	Υ	N	Υ	255	N
10/2			1910	1730	1730	1730	1730	1730	1452	Υ	Υ	Υ	E	Υ
10/3			2036	2013	2013	2013	2013	2013	2013	Υ	Υ	Υ	E	Υ
10/4			1255	1237	1237	1237	1237	1237	1237	Υ	Υ	Υ	E	Υ
10/4			1040	N	1023	1023	1023	1023	NA	Υ	Υ	Υ	E	N
10/4			1625	1608	1618	1618	1618	1618	1513	Υ	Υ	Υ	E	Υ
10/4			2020	1800	1919	1919	1919	1919	NA	Υ	Υ	NA	E	Υ
10/4			2257	2217	2242	2242	2242	2242	2217	Υ	Υ	NA	E	Υ
10/4			2455	2338	2454	2454	2454	2454	NA	Υ	N	Υ	E	N
10/5			1309	1147	1147	1147	1147	1147	1147	Υ	N	Υ	E	N

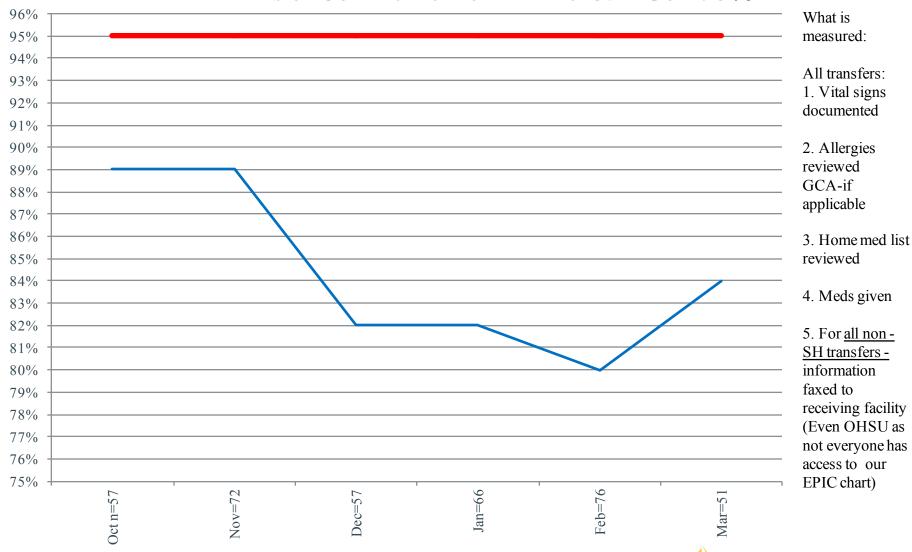
### Areas Needing Improvement

 ED physicians dictated notes. Delays in getting dictation completed, especially at night

No standard work for checking that all documentation was completed and then sent/faxed to receiving hospital
 SALEM HEAL An OHSU Partner

#### **Results and Actions FY 2013**

#### ED Transfer Communication - FY 2013. - Goal 95%





### **Team STEPPS Tool- Checklist- 2013**



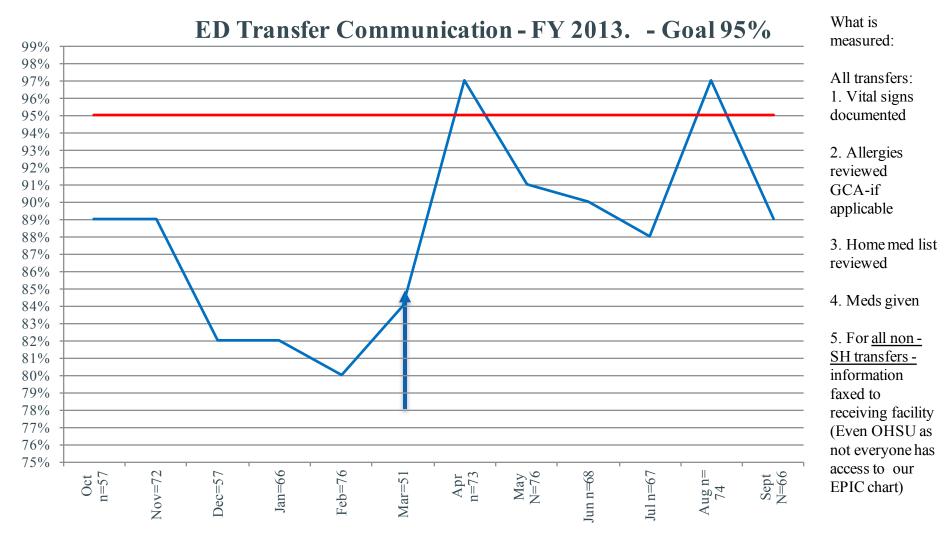
A part of Salem Health

WEST VALLEY HOSPITAL EMERGENCY DE	
Date of Transfer:	
RECEIVING FACILITY:	
TRANSFERRING RN:	
Check List: Salem Hospital Transfers: Print only Face Sheet, ED St  Transfers Outside SH: Print entire chart (use hyperlink documentation  Admitting/Accepting Physician Notified	
☐ Interfacility Transfer form completed	
☐ Face Sheet Printed	
□ EKG Copied	
☐ Any Lab results not on ED Summary to be faxed to receiving	a facility when resulted
☐ Copy any X-ray, CT, and/or US preliminary reports not in EP	
☐ ID band on and blackened out (SH Transfer Only)	
☐ STAT PHYSICIAN DICTATION COMPLETED	
☐ HOME MEDS REVIEWED AND MARKED AS REVIEWED	
☐ FOR NON SALEM TRANSFERS — all above information must	be faxed to receiving facility: Time faxed:
☐ <u>STAT DICTATION</u> faxed or sent with patient to receiving face	ility immediately upon receipt from DenMed:
Time Faxed: Time Sent with patient:	
ADULT and/or PEDIATRIC TRANSFERS	
Report called: Time:	
☐ Transportation Called: Time:	
Method of Transportation:	
□ Private Care □ Ambulance	
☐ Transport Team ☐ Lifeflight/Reach	
☐ Emmanual Children's Transportation Team or OHSU Panda	Team notified of need for transfer: Time:
	real found of freed for transfer. Time.
MENTAL HEALTH:	
☐ Mental Health Screener Notes	
☐ Transport Hold	
□ Police Hold	
□ Voluntary	
CHARGE NURSE: Completes Audit of Transfer, prior to Patient's t	ransport
1. Are all boxes and spaces filled on Interfacility Transfer Fo	orm 🗆 Yes 🗆 No
2. Confirms with ED physician STAT Medical Dictation comp	oleted prior to patient transport   Yes   No
3. Confirms HIM/DenMed notified of STAT Dictation	☐ Yes ☐ No
4. Has Home Med list been reviewed?	□ Yes □ No
5. Is the mode of transport appropriate?	□ Yes □ No
6. If no, how was this resolved?	
CHARGE RN INTIALS:	
enringe my my meet	Patient Label
Send this form to ED Nurse Manager when complete	20,000,7000,000,000
NOT A PERMANENT PART OF MEDICAL RECORD	

Tool developed to be used by ED Tech & RN to be sure all elements of transfer completed within 60 minutes of transfer.



#### **Results and Actions FY 2013**



- 1. Ended 2013 with YTD percentage of 67.2%
- 2. Team met for FY 2014 ED Transfer Communication became part of Strategy Deployment and would be the hospital wide metric for FY 2014.



### FY 2014- Quality Metric.

Using Lean principle, had same outcome measure, but developed hypothesis and process measure

#### **Outcome Measure**

ED Transfer Communication to Receiving Hospital within 60 min of transfer

Baseline (2013): 88% Target: 95%

### **Hypothesis**

"If transfer checklist completed and submitted Then: Would meet ED Transfer Communication within 60 minutes of departure > 95%"

#### **Process Measure**

Dashboard indicating number of completed transfer checklist

Goal: 100%

Dashboard indicating number of transfers with faxed information

Goal: 100%

#### Results with Hypothesis and Outcome Measure- FY 2014

Month	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept
ED Transfer Communication within 60 min Goal – 95% YTD Results	94%	96%	93.3	90.8%	91%	90%						

### Not meeting outcome process for 4 months

- a) Reviewed and updated goal (reduced to 90% based on baseline of 67% in 2013), process measure, and Hypothesis
- b) Watched staff (GEMBA) do transfers
- c) Asked ED staff what they thought would help them meet outcome measurement
- d) Reviewed process of dictation by physicians
- e) At this same time clarification on MBQIP Measures occurred



### Action # 1 – Developed New Hypothesis Statements for Process Measures

**Hypothesis Statement – Revised 5/21/14 IF:** 

**Transfer Communication** 

Nurses complete all documentation, use the transfer checklist, and receive consistent individual feedback on any missed documentation

Then: Would meet ED Transfer Communication within 60 minutes of departure ≥ 90%

**Hypothesis Statement – Revised 5/21/14 IF:** 

**Transfer Communication** 

Physicians follow standard work and complete their dictation/note prior to/immediately upon patient discharge

Then: Would meet ED Transfer Communication within 60 minutes of departure > 90%



### Action Plan #2- Clarification of MBQIP Measures to ED Staff- May 2014

#### **Changes to ED Transfer Communication Requirements**

**S**: Requirements for communication on transfer from the ED have changed effective April 1, 2014. The requirement now also includes patients discharged back to any healthcare facility (nursing homes, assisted living etc).

B: The Medicare Beneficiary Quality Improvement Project (MBQIP) -ED Transfer Communication is a quality improvement project selected by the Centers for Medicare & Medicaid Services. The goal of MBQIP is to improve patient care in Critical Access Hospitals. We are required to participate in MBQIP measures.

A: ED Transfer Communication is one of our quality measures and over the last year we have added some of the requirements, (impairment assessment and oral restriction) to meet MBQIP. The final report on all requirements for MBQIP has been issued with the additions/changes we will now implement noted below.

R: Starting April 25, 2014 the following changes/additions will be implemented:

#### 1. CHANGE: Salem Hospital transfers -

• <u>Do not need to copy or fax any part of the medical record</u> except what you normally send (face sheet, PCS, any paper chart forms, and EMTALA paperwork and STAT Dictation)

#### 2. CONTINUE: All Other Hospital transfers

- Send/fax information as currently doing ensure within 60 min of leaving
- 3. NEW: All Discharges to any Healthcare Facility (Long term Care, Nursing Homes, Assisted Living, Rehabilitation Facilities, Veterans Facilities, Psychiatric Facilities)
  - Send WVH ED Transfer Summary with patient
  - On Discharge/ Disposition section choose #15 transfer another facility
  - On Destination choose facility patient being discharged to (example: Evergreen, DRV, Avemere etc.)

#### 4. For all transfers/discharges in above, ED RN or Tech must document in patient chart:

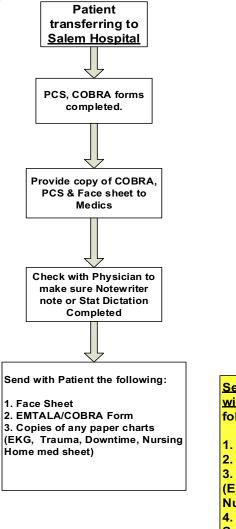
- A. Paperwork sent/faxed to receiving hospital/other care facility (examples include EMTALA forms, any paper chart forms and WVH ED Transfer report)
- B. RN must document who SBAR was given to (must document both name and title ex. Shirley RN)
- C. If no meds given during the ED encounter then a note on discharge must be entered stating, "No meds given". I have asked that this requirement be reviewed by National Committee (if there are no orders for medications and thus no MAR then why document, No Meds Given?) For now please include in your discharge note "No meds given".
- D. How you sent any labs/imaging studies that were pending when pt transferred, this may be a note added to the patient EHR after they are transferred.

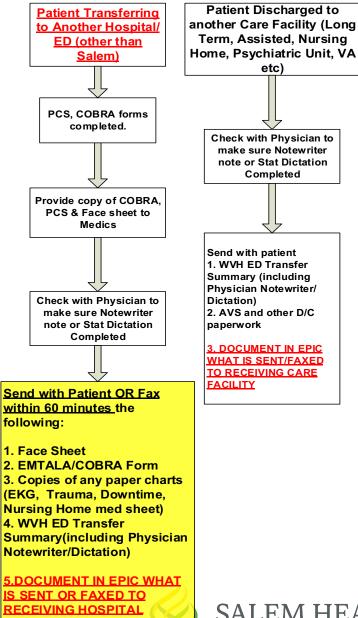
Team STEPP Tool for Communication

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#### **ED Transfer to Healthcare Facility Process**

Action Plan # 3—Flow Sheet with ED/Tech Specialty Practice Team





OHSU

### Action # 4 – More Immediate Feedback to Nurses

- Instead of waiting until end of month – do weekly chart audits
- Manager or Assistant
   Nurse Manager met with
   each RN who did not
   complete all nursing
   portions of transfer
   communication

#### **WVH Transfer Communication Grading Sheet**

ED Transfer Communication Audit Tool	MRN#
Transferring RN	Transferring MD

Process Measure	MET	NOT MET	N/A	Comments
Physician to Physician communication			,	documented on inter-facility
prior to transfer				transfer form
RN to RN communication within 60				includes documentation of name
minutes of patient departure				and designation of RN in the note
Face sheet sent with patient				ensures name, age, address, gender, insurance, and contact information is communicated
Vital signs within 60 minutes of patient departure				communicated by transfer form and/or charted telephone update
GCS is charted if applicable				for cognitively altered or neuro patients only
Allergies reviewed and updated				must check the box if "No Known Allergies" is applicable and click "Mark as Reviewed"
Home med list is available and reviewed				must click "Mark as Reviewed" to show meds were addressed and updated as able
Completed MAR with medication				click "no medications given during
administration times or documentation				this encounter" if applicable
that "no meds were given" if applicable				
Nursing documentation includes				in assessments and/or nursing notes
assessments, interventions, and pt				
response				
Nursing documentation of patient				completed EPIC checklist of
impairments or lack of impairments				"patient impairments"
Nursing documentation of LDAs, patient input and output				in doc flow sheets
Nursing documentation of oral restrictions if applicable				in nurses notes or click "NPO initiated" in assessment
Nursing documentation of immobilization devices if applicable				in doc flow sheets and/or nursing notes
Lab and x-ray data sent with patient				any results received after pt departure must be sent to facilities other than SH and documented in nursing notes
Copies of patient record sent to receiving facility within 1 hour of patient departure				must document how and when record was sent to facilities other than SH
Physician note or stat dictation sent to receiving facility within 60 minutes of patient departure				must document how and when it was sent to facilities other than SH or must appear in EPIC within I hour of pt departure



### **Action #5 – Physician Deficiencies**

Provided data analysis to ED Medical Director as to issues with dictation

ED Medical Director met with HIM and IT to use Note-Writer and Dragon Speak to do computer note in EPIC

ED Medical Director worked with EPIC Specialist to develop standardized ED Physician Note

ED Medical Director trained all ED physicians on how to use Note-writer and Dragon Speak by end of 3<sup>rd</sup> Q FY 2014.



#### **2014- Visual Wall – ED Transfer Communication – Outcome Metric**

ED Transfer Communication (lowest of 7 metrics) GOAL: > 90%	93%	93%	81%	82%	73%	87%	93%	94%	94%	94%	100 %	94%
ED Transfer	YTD:	YTD:										
Communication	93%	93%	89%	87%	84%	85%	86%	87%	88%	88%	89%	90%
YTD:												

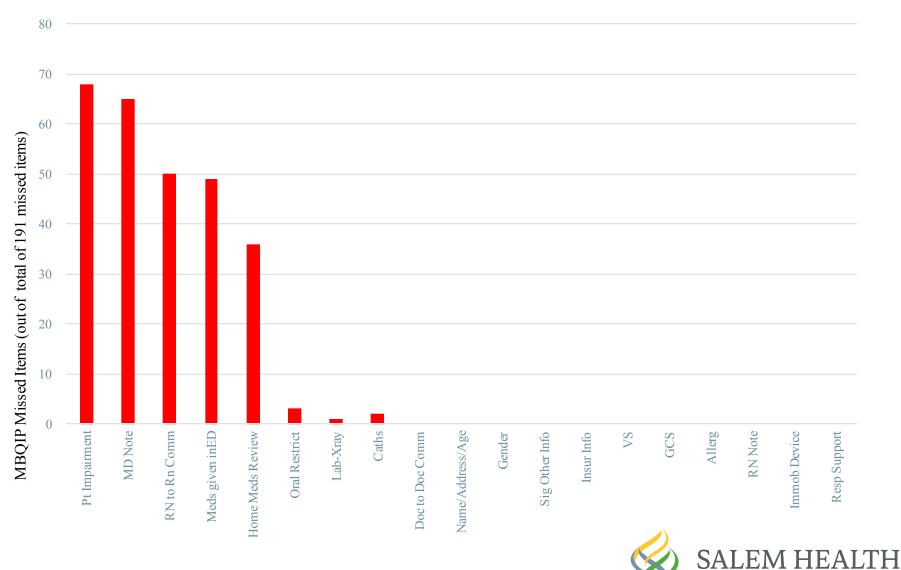
**Sustained improvement for 6 months and met Outcome Process** 

Decided to keep ED Transfer Communication as Quality Metric for an additional year but increased outcome metric to 92.5%



#### Pareto Chart – Area to Focus for Process Metric for FY 2015

#### **MBQIPED Transfer Metrics FY 2015 - YTD**

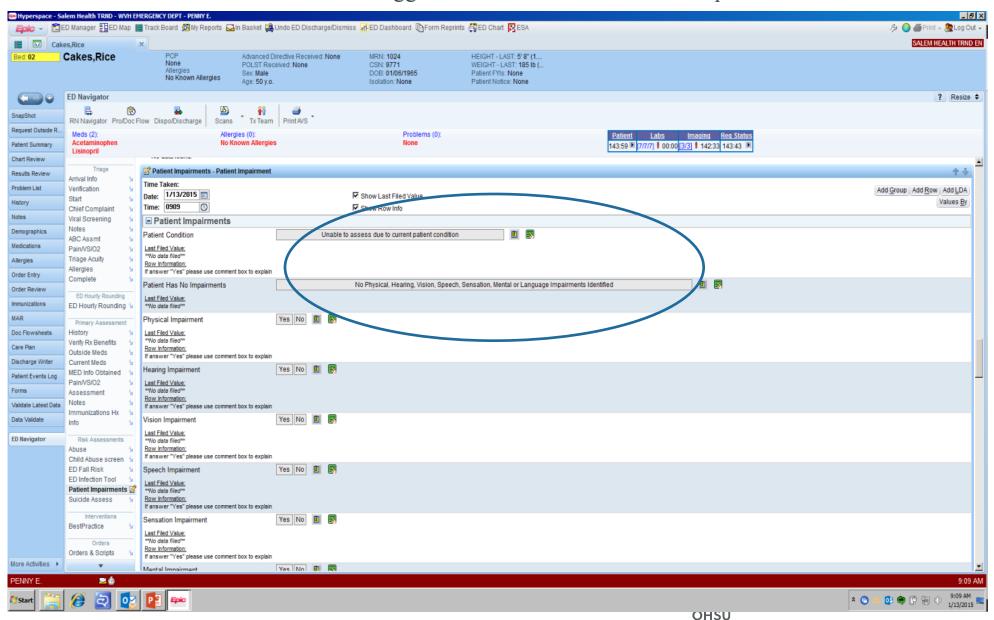


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#### Action # 1

#### Sensory Assessment

- ED RN SPT identified what should be in Epic Navigator
- Then suggested one button to click if no impairments



## Action Plan # 2 - Team STEPPS Tools — Checklist- Updated

#### WEST VALLEY HOSPITAL EMERGENCY DEPARTMENT TRANSFER CHECKLIST

Date of Transfer	:
Receiving Facility	y:
	<del></del>
Cl l. 1 !- 4	
Check List:	Local Toronton Books to Charles William Complete failth. Toronton Complete failth and a failth a
	Hospital Transfers Packets: Face Sheet, Yellow Copy Interfacility Transfer Form (Cobra), copies of all paper documentation.  For Transfers Outside Salem Hospital: ED Transfer Report Summary, Yellow Copy Interfacility Transfer Form, copies of all
	locumentation.
paper c	Admitting/Accepting Physician notified
	Interfacility Transfer Form completed (Cobra) – have charge nurse view document before separating ( ) Charge initial
	Face Sheet printed
	EKG Copied
	Copy any X-ray, CT, and/or US preliminary reports not in EPIC (or CD sent)
	ID band on and blackened out (Salem Transfers ONLY)
	Physician Note with H&P and Plan of Care Completed
	Nursing Documentation Completed
	FOR NON-SALEM HOSPITAL TRANSFERS: Fax all documentation to receiving facility within 1 hour of departure
	■ Time Faxed:
	<ul> <li>Any LABS not resulted on ED Transfer Report need to be faxed to receiving facility when resulted</li> </ul>
	• Time Faxed:
	Complete Ambulance Form (PCS)
	Contact Dispatch for EMS Transportation
	Time Called:
	Document Cobra/Transfer in the notes
	ENTER in the Transfer Log
KN Documentati	ion Checklist: (RN check below)
	Vital signs within 60 minutes of patient departure
	Allergies reviewed and updated Home medication list up to date and "REVIEWED" is clicked
	"No Medications Given" clicked if applicable
	Patient Impairment Assessment completed
	Functional Cognitive Assessment completed
	NPO documented if applicable
	LDA documented if applicable
	I/O documented (IV fluid Stop time or Continue at Transfer)
	SBAR report to receiving facility within 1 hour of patient departure (chart credentials of receiving caregiver in the note)
	o Time Called:
Method of Trans	sportation
	Private Care Ambulance
	Secure Transport Lifeflight/Reach
	Randall Children's Transport Team or OHSU Panda Team notified of need for transfer: Time:
Mental Health	
	Mental Health Screener Notes Charge Nurse Signature:
	Transport Hold (Signature signifies that you have reviewed this document and can attest that documentation is complete.)
	Police Hold
	Voluntary

Send this form to ED Nurse Manager when complete NOT A PERMANENT PART OF THE MEDICAL RECORD

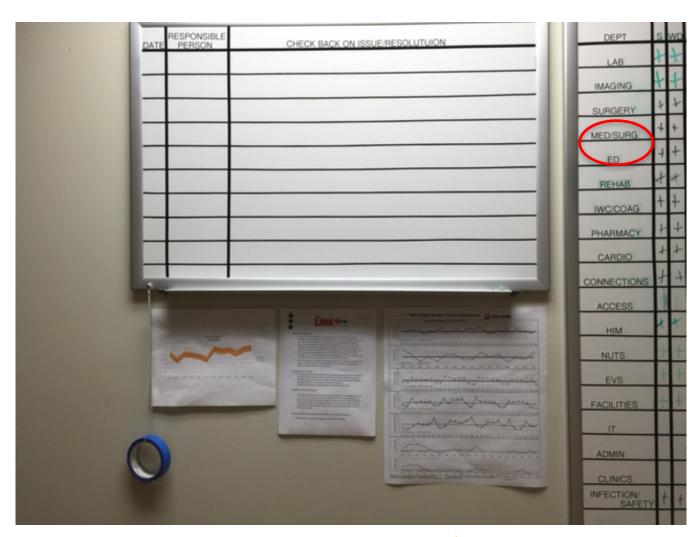




### Action Step # 3- Lean and Team STEPPS Tools - Daily Board-Daily Report and Safety Board

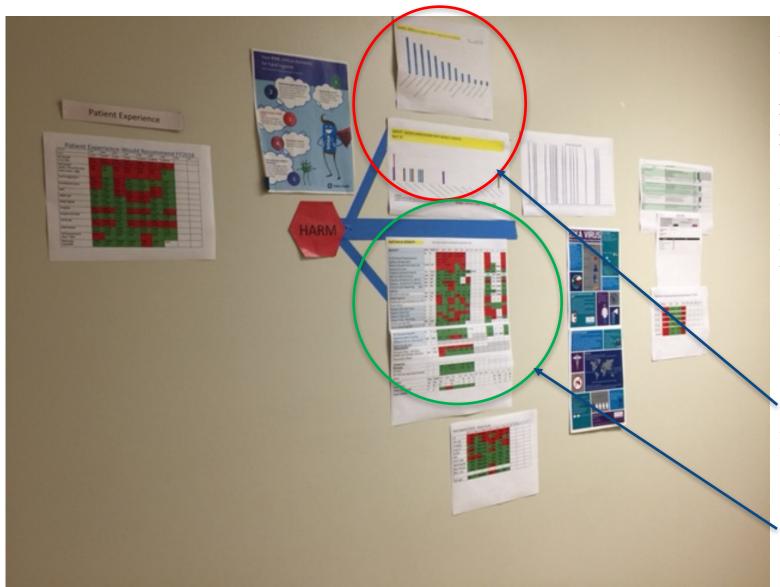
Daily Brief at 0815:

- ED Manager reviews all transfers in last 24 hrs. by 0815 each morning
- Completes data tracking tool with all elements MBQIP ED Transfer Communication
- Number that met all criteria and overall percentage communicated to all
- Same data posted on ED Lean Visual Board in the ED





### **Lean Tools and Team STEPPS Tools – Outcome Measures**



Monthly Quality
Coordinator
responsible for
reviewing
Quality, Patient
Experience, &
Infection
Prevention data
for all of
leadership:

1. R&I data
(Regenerate & Improve) 2.
S&O data
(Sustain and Operate)



### FY 2106 – Year to Date

REGENERATE & IMPROVE														
FY 2016 OUTCOME METRICS	TARGET	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	Q1	Q2	Q3	YTD
QUALITY AND SAFETY														
ED Transfer Communication (MBQIP Criteria 7 measures)	95.0%	94.3%	95.0%	96.5%	95.7%	95.6%	96.2%	93.0%	93.0%	97.0%	95.3%	95.8%	94.3%	95.1%



### What We Learned on our Journey

- 1. Observe work done as it is being done (GEMBA). It is valuable when looking at process changes. It clarifies the difference between what the process is on paper and what is really happening
- 2. Involve staff who actually do the work when you are looking to improve a process
- 3. SBAR communication about change at monthly meetings is not enough need to have in each shift change for several weeks to ensure all staff learn of changes
- 4. Track the elements missed most often in your process (Pareto Chart). It helps focus where need to educate/look at process
- 5. Give individual feedback as soon as possible as it increases likelihood that changes to the process will be successful (we went from monthly feedback to daily and have sustained meeting our goal)







Thank You

# Reminder

- July 15<sup>th</sup> Submission Deadline for Q2 2016
   EDTC Measures to NC Quality Center via QDS
- August 1<sup>st</sup> Submission Deadline for Q1 2016
   Outpatient Measures to QualityNet
- August 19<sup>th</sup> In-Person Collaborative meeting in Winston-Salem



# **Thank You!**





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