

PI Subcommittee Meeting

February 10, 2015 – 10am EST to 11am EST

Agenda

1. Welcome & Introduction

Meeting Attendees			
Amanda Elikofer	Amanda Rardon	Annette Chard	Bekah Dillon
Carrie Malone	Chris Wagoner	Chuck Stein	Cindy Twitty
Dawn Daniels	Amy Deel	Emily Dever	Jennifer Mullen
Jeremy Malloch	Jodi Hackworth	Kelly Mills	Kristi Croddy
Lana Seibert	Latasha Taylor	Lesley Lopossa	Lindsey Williams
Lisa Hollister	Lisa Smith	Lynne Bunch	Mary Schober
Missy Hockaday	Merry Addison	Michele Jolly	Paula Kresca
Dr. Larry Reed	Regina Nuseibeh	Roxann Kondrat	Sean Kennedy
Spencer Grover	Tracy Spitzer	Wendy St. John	
ISDH STAFF			
Katie Hokanson	Ramzi Nimry	Jessica Skiba	Camry Hess
Murray Lawry	Art Logsdon		

2. Goals

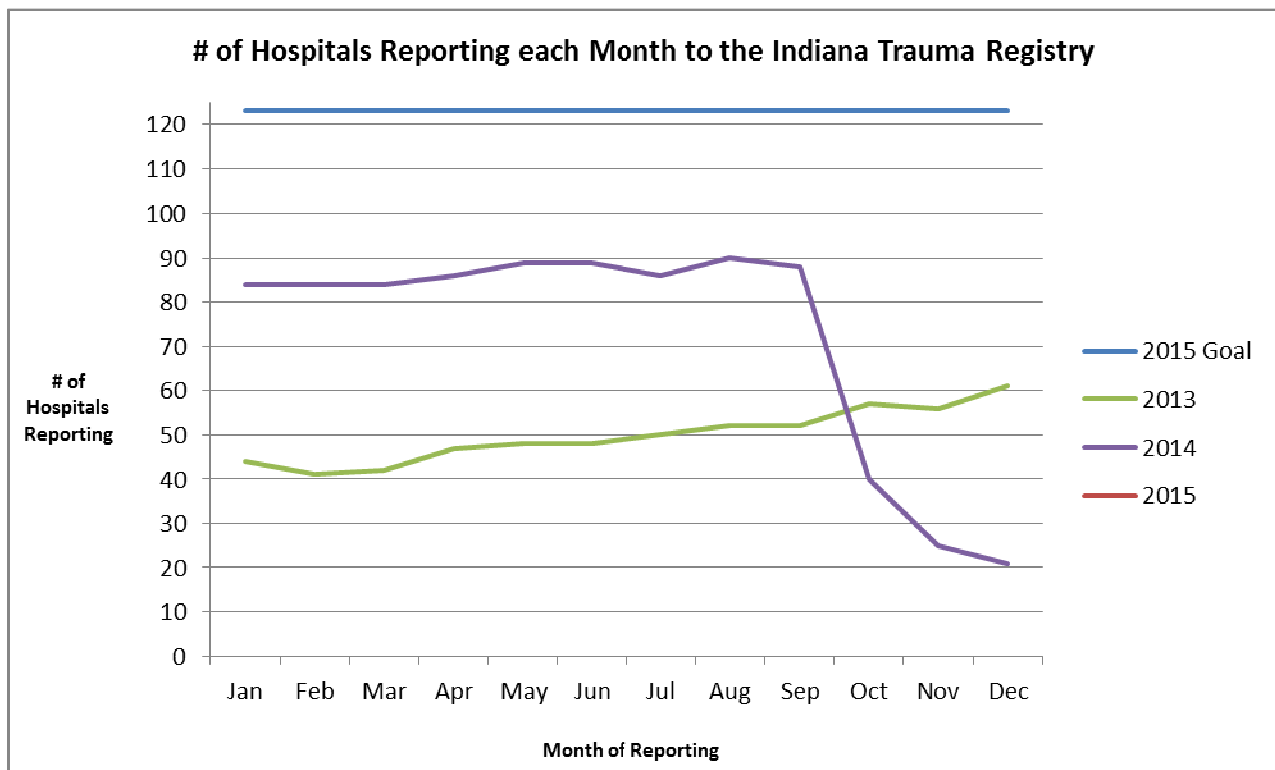
- a. Increase the number of hospitals reporting to the Indiana trauma registry
 - i. Information on trauma registry training events
 1. 2015 Trauma Tour will have a 1 hour refresher course ahead of time
 2. Survey to address areas of concern
 - ii. Trauma Center mentor program
 1. Confirmation of mentorship still in process
 - a. Deaconess
 - b. Memorial Hospital of South Bend
 - c. Eskenazi Health
 - d. IU Health – Ball Memorial – D6 update?
 - e. IU Health – Bloomington – St. Vincent Dunn update?
 - f. St. Elizabeth – East
 - g. St. Mary's of Evansville
 - h. St. Vincent – Indianapolis – Katie spoke with both Peyton Manning & Fishers campus, no response at this time.
 2. Update on mentorship status
 - a. IU Health - Arnett
 - b. IU Health – Methodist
 - c. IU Health – Riley
 - d. Lutheran – St. Joseph and Bluffton update?
 - e. Parkview RMC – Wabash under Parkview umbrella?
 - f. Community North – Riverview attended the 11/20 training event
 - g. Others?
 - iii. Discussion of specific hospitals (see attached excel spreadsheet):
 1. Hospitals that have not reported any data
- b. Decrease average ED LOS at non-trauma centers

- i. Transfer data NOT sent to trauma centers (& some other facilities receiving transfer patients) – working on purchasing new linking software
 - ii. Review of current average ED LOS
 - 1. Added Min, Max, Average for critical patients
 - 2. Data quality issues
 - a. ED LOS > 24 hours
 - b. ED LOS < 0 hours
 - c. ED Disposition = Observation Unit
 - i. Clarification in data dictionary
 - ii. Discussion at upcoming ITN Registrar Conference Call
 - iii. Quiz Questions (part of previous quiz, will revisit)
 - 3. Body Region
 - iii. Discussion of educational materials for non-trauma centers regarding timely transfers
 - 1. Templates that can be shared to individual hospitals – Lisa Hollister?
 - 2. ED managers contact list established
- c. Increase EMS run sheet collection
 - i. Please send Katie list of EMS providers not leaving run sheets.
 - ii. Question from EMS providers: hospital access to EMS run sheets acceptable?
 - iii. Removed run sheet calculations by hospital
3. Potential Metrics
- a. Last meeting's discussion:
 - i. Triage & Transport Rule – ISDH thinking how we can use trauma registry data to accurately measure EMS providers meeting requirement. Previous discussion was around identifying ZIP codes that are within 45 minutes of a trauma center no matter where they are in the ZIP code.
 - ii. Identifying double transfers – new Linking Software will help us better identify these patients
 - b. Other metrics to discuss:
 - i. Orange Book criteria for transfers (page 31)
 - 1. Carotid or vertebral arterial injury
 - 2. Torn thoracic aorta or great vessel
 - 3. Cardiac rupture
 - 4. Bilateral pulmonary contusion with Pao₂:Flo₂ ratio less than 200
 - 5. Major abdominal vascular injury
 - 6. Grade IV or V liver injuries requiring transfusion of more than 6 U of red blood cells in 6 hours
 - 7. Unstable pelvic fracture requiring transfusion of more than 6 U of red blood cells in 6 hours
 - 8. Fracture or dislocation with loss of distal pulses
 - 9. Penetrating injuries or open fracture of the skull
 - 10. GCS score of < 14 or lateralizing
 - 11. Spinal fracture or spinal cord deficit
 - 12. Complex pelvis/acetabulum fractures
 - 13. More than two unilateral rib fractures or bilateral rib fractures with pulmonary contusion (if no critical care consultation is available)
 - 14. Significant torso injury with advanced comorbid disease (such as coronary artery disease, chronic obstructive pulmonary)
 - ii. Required Trauma Center PIPS Core Measures (page 119)
 - 1. Mortality Review
 - iii. Recommended Outcome Measures (page 127)
 - 1. ED mortality rate

2. Total EMS time (EMS hospital arrival time – dispatch time)
 3. Total EMS Scene Time (EMS Hospital arrival time – scene arrival time)
 4. Hospital LOS
 5. ED LOS
 6. ICU LOS
 7. Vent Days
- iv. Data Quality dashboard for linking cases
 - v. Dr. Jenkins project
 - vi. ACS Needs Assessment Tool review

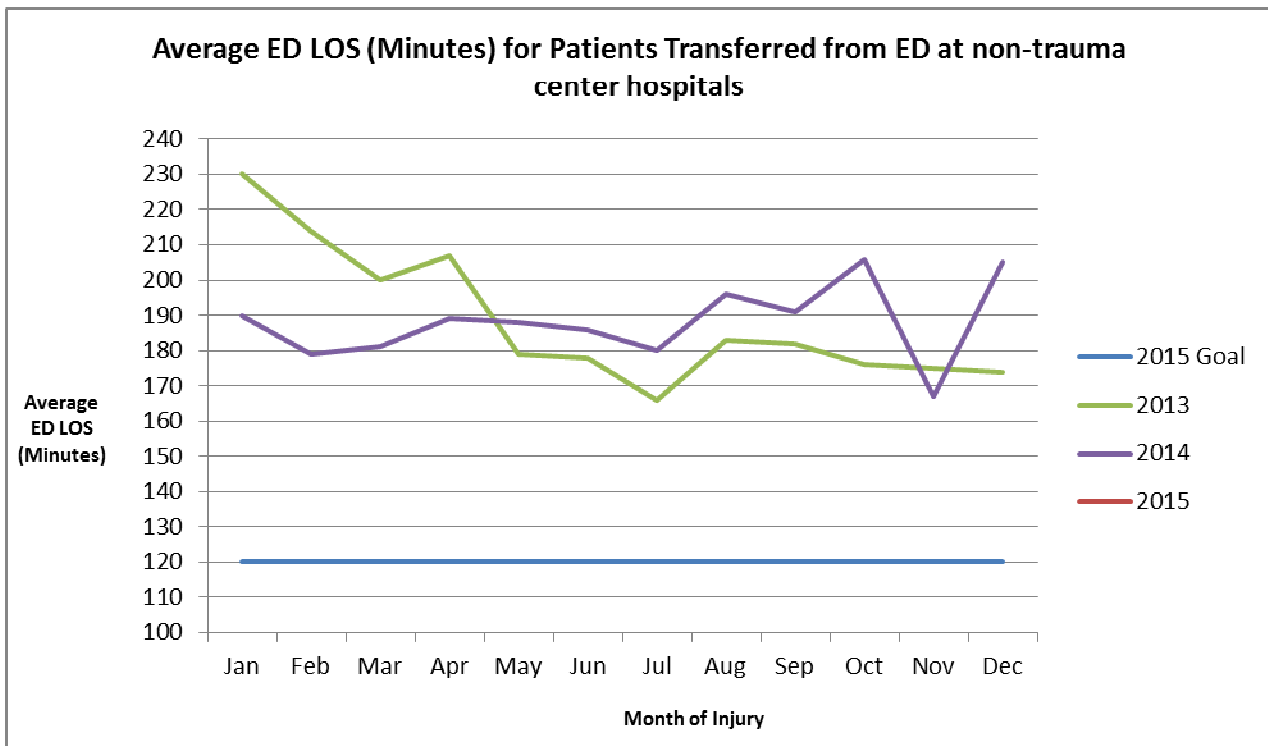
4. Next Meeting: Tuesday, May 12th at 10am EST

Call-in number: 1-877-422-1931, participant code is 2792437448# (music will be heard until the moderator joins the call)



Action	Owner	Status
Letter from Dr. VanNess to non-reporting hospitals	ISDH	Complete 02/2013
2nd Letter from Dr. VanNess to non-reporting hospitals about trauma registry rule	ISDH	Complete 12/2013
Trauma registry training events around the state	ISDH	Complete 3/2014
Mentorship Program between trauma centers and non-reporting hospitals		
<u>Mentorship Program between trauma centers and non-reporting hospitals</u>	<u>trauma centers</u>	<u>In progress</u>
IU Health - North mentorship	IU Health - Methodist	Completed 2013
St. Vincent Anderson mentorship	St. Vincent - Indy	Completed 2013
Perry County, St. Mary's – Warrick, & Terre Haute Regional mentorship	St. Mary's	Completed 2013
Deaconess Gateway mentorship	Deaconess	In progress
Elkhart General, IU Health - LaPorte, & IU Health - Starke mentorship	Memorial South Bend	In progress
Community Health Network, Terre Haute Regional mentorship	Eskenazi Health	In progress (as of 10/2014)
Community Health - North mentorship	IU Health - Ball Memorial	In progress (as of 10/2014)

IU Health - Bedford mentorship	IU Health - Bloomington	In progress (as of 10/2014)
St. Elizabeth - Crawfordsville mentorship	St. Elizabeth - East	In progress (as of 10/2014)
Terre Haute Regional	St. Mary's	In progress (as of 10/2014)
Community Health - North, Community Health - East, St. Vincent Anderson, St. Joseph Kokomo, St. Elizabeth - East mentorships	St. Vincent - Indy	In progress (as of 10/2014)
Waiting on mentorship status	IU Health - Arnett	
Waiting on mentorship status	IU Health - Methodist	
Waiting on mentorship status	IU Health - Riley	
Waiting on mentorship status	Lutheran	
Waiting on mentorship status	Parkview RMC	



Action	Owner	Status
RTTDC completion by non-trauma center hospitals	Trauma Centers	ongoing
Evaluate critical patients (transfers & non-transfers)	ISDH & trauma centers	ongoing
Develop educational material for non-trauma centers regarding timely transfers	ISDH & trauma centers	Not started

January 1, 2014 to January 29, 2015		
<i>Total # of Patients Transferred for 2014</i>	5576	
Measure	# of Patients	Avg ED LOS (Minutes)
Initial Hospital: Shock Index > 0.9	572	164
Initial Hospital: GCS Total Score ≤ 12	287	129
Initial Hospital: ISS ≤ 15	5102	191
Initial Hospital: ISS > 15	474	149

January 1, 2014 to January 29, 2015	
<i>Total # of **CRITICAL** Patients Transferred for 2014</i>	1003
<i>Min</i>	14
<i>Max</i>	835

<i>Average</i>	159
CRITICAL GCS \leq 12, Shock Index >0.9 , ISS > 15	

January 1, 2014 to January 29, 2015	
Body Region	# of Patients
<i>Extremity</i>	2146
<i>External</i>	1865
<i>Head</i>	1600
<i>Chest</i>	699
<i>Face</i>	442
<i>Abdomen</i>	290