

# **Performance Improvement Committees**

## **June 23, 2008**

**Conference Call Dial-in: 1-866-851-9754**

**Guest Code: 428049**

### **Agenda**

**General PI Committee: 10:30**

**WVEMS Roanoke Office**

1. Approval of minutes from last quarter
2. Current PI Projects – General PI
  - a. Chest pain patients
    - i. Status of Data Collection
  - b. Intubation Success Rate
    - i. Date for submission of data
3. Current PI Project – System-wide
  - a. Appropriate use of air-medical transport
4. MIR Referrals
5. Other business
6. Date for next committee meeting

Those committee members who are not also on the Trauma PI Committee are excused at the conclusion of this agenda, however, they are welcome to remain and participate in the Trauma PI Committee Meeting.

**General Performance Improvement Committee**  
**March 13, 2008**  
**10:30 AM**

**MINUTES**

**Attendance**

Kris Shrader	Committee Co-Chair, Fire-based provider, Martinsville City
D J Douglas	Trauma Coordinator, Montgomery County
Jane Lindsey	Volunteer Pre-hospital Provider, Nurse, Salem City
Jason Ferguson	Botetourt County
Jason Gifford	Career EMS Provider, Radford City
Jim Cady	Craig County
Mike Jefferson	Danville City
Patrick Earnest	Trauma Coordinator, NRVMC, Floyd County
Shawn Hite	Pulaski County
Steve Allen	Patrick County
Susan Smith	Air Medical Agency Alternate and Roanoke City
Tiffany Keys	PD-12 Hospital
Bobby Baker	Hospital Preparedness Liaison, NSPA
Debbie Akers	Staff – PI Coordinator

**Excused Absences**

Charles Lane, MD	Regional Medical Director, Program Chair, Franklin County
Elizabeth Martin	Alleghany County
Jack Edwards	Henry County
Paul Davenport	Air Medical Agency
Rob Logan	Staff - Administration

To order: 10:30 AM

Co-Chair Kris Shrader welcomed all present and those on conference call. Minutes from last quarter approved as distributed.

Projects: Current General PI project focused on a broadened review of medications administered to patients with a clinical diagnosis of chest pain/discomfort. Each representative will submit data from January – March, 2008 by July 31<sup>st</sup> to Debbie Akers for data analysis to be completed. It was reinforced that agency participation is voluntary but was requested that the committee members encourage all agencies to submit that data.

Second General PI project now being evaluated also is successful intubation rate. All agreed that we would look at the same period, January – March, 2008 and a submission deadline of August 31, 2008 to Debbie Akers would be used so data analysis could be completed.

Committee discussed the need to send a letter to all operational medical directors and agencies encouraging their participation in these projects and to list the representatives of each county/city/entity so the agencies would know who to contact with their data

submission. This letter will be drafted by Debbie Akers and sent to Dr. Charles Lane for review and approval.

System-wide PI Project: Discussion concerning the appropriate use of air-medical transport. Decision was made to look at all field air-medical transfers from January – March, 2008 and submission of the data to Debbie Akers by August 31, 2008. At the next meeting the committee will evaluate those transfers and input from the hospitals concerning patient severity/outcome will be necessary. The committee feels that in light of the new demands for field heart alerts and the new emphasis on field stroke alerts, we need to make sure our agencies are making smart decisions about field trauma transfers.

MIR Referrals: Debbie stated there had been 4 medical incidents reported for review. One of the MIR referrals from last quarter was taken to a formal Medical Incident Review. Meeting was conducted at the WVEMS Roanoke office and a recommendation has been drafted to the Operational Medical Director by the Regional Medical Director.

Other Business:

Debbie Akers stated that Vicki Anthony has resigned as the representative of Roanoke County. Lee Cabaniss of Cave Spring Rescue has expressed an interest in serving in that role. Committee approved this replacement.

No further business. Next meeting set for September 24<sup>th</sup> at 10:30 a.m.

Adjourned at 11:25 AM.

**Agenda**  
**Trauma PI Committee: 1:00**  
**WVEMS Roanoke Office**

1. Approval of minutes from last quarter
2. Current PI Projects – Trauma PI
  - a. Spinal injuries versus boarded patients
    - a. Status of data collection
    - b. Glasgow coma scores of <8 and the patient not intubated
3. MIR Referrals
4. Other business
5. Date for next committee meeting

## Trauma PI Committee

June 23, 2008

1:00 PM

### MINUTES

#### **Attendance**

Kris Shrader	Co-Chair, Fire-based provider, Martinsville City
D. J. Douglas, RN	Trauma Coordinator, Montgomery County
Jane Lindsay, FNP	Volunteer Pre-hospital provider; Nurse, Salem City
Krista Henderson	QA Coordinator, Carilion Roanoke Memorial Hospital
Patrick Earnest	Trauma Coordinator, New River Valley Medical Center
Shawn Hite	Pulaski County
Susan Smith	LifeGuard 10/11 Alternate
Bobby Baker	Hospital Preparedness Liaison, NSPA
Debbie Akers	Staff – PI Coordinator

#### **Excused Absences**

Charles Lane, MD	Regional Medical Director
Paul Davenport	LifeGuard 10/11
Rob Logan	Staff – Administration

To order: 1:00 PM.

Co-Chair Kris Shrader welcomed all present and those by conference call. Minutes from last quarter approved as distributed.

Current PI Project: Spinal injuries versus boarded patients. Committee evaluated the data submitted by Krista Henderson for Carilion Health System – Roanoke (see attached). Montgomery Regional Hospital and Carilion New River Valley Medical Center to submit their data for the same time period. Debbie will request data from the state for the number of patients back boarded from July 1, 2007 – December 31, 2007 to get an idea of how these numbers reflect actual number of patients back boarded. Data submission from MRH and CNRVMC by July 31, 2008.

Second PI Project: Glasgow coma scores of <8 and the patient not intubated. Committee evaluated the data submitted by Krista Henderson for Carilion Health System – Roanoke (see attached). Montgomery Regional Hospital and Carilion New River Valley Medical Center to submit their data for the same time period. Debbie will request data from the state for the number of patients transported with a GCS of less than 8 from July 1, 2007 – December 31, 2007. Data submission from MRH and CNRVMC by August 31, 2008.

New PI Project Identified: IO Placements by field providers. Debbie and Bobby Baker assigned to work on data for the period of July 1, 2007 through March 31, 2008 to be brought back to the committee for evaluation and further decision on where to go with that data.

MIR Referrals: Debbie stated one trauma related MIR had been received. It has been referred to the agency to be handled by their medical director. Awaiting the outcome from the physician.

No further business. Next meeting will be September 24, 2008 at 12:30. Meeting adjourned at 1.45 PM.

Carilion Roanoke Memorial Hospital  
Trauma Services  
Contact: Krista Henderson  
[khenderson@carilion.com](mailto:khenderson@carilion.com)

**CRMH Trauma Registry Data Submission  
To the Regional EMS PI Committee  
February 8, 2007**

## **Glasgow Coma Score Study**

**Purpose:**

To determine the number of patients transported by EMS with a GCS < 9, without intubation.

**Date Range:**

July 1, 2007-December 31, 2007

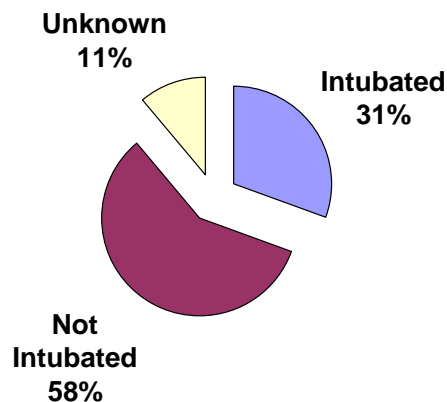
**Results:**

Total number of patients transported by EMS with a GCS < 9: 72

Total number of patients with a GCS < 9 and intubated by EMS: 22 (31%)

Total number of patients with a GCS < 9, NOT intubated by EMS: 42 (58%)

Unknown: 8 (11%)



# Spinal Immobilization Study

## Purpose:

To determine the percentage of patients transported by EMS with spinal immobilization who have a discharge diagnosis related to spinal injury.

## Date Range:

July 1, 2007-December 31, 2007

## Results:

Total number of patients transported by EMS in spinal immobilization: 434

Total number of patients immobilized by EMS with a spinal injury: 104 (24%)

Total number of patients immobilized by EMS without a spinal injury: 305 (70%)

Unknown: 25 (6%)

