Indiana Trauma Care Committee Meeting
August 9, 2013
HOSPITALS REPORTING TO THE INDIANA TRAUMA REGISTRY – QUARTER 1

**District 1**
- Methodist Northlake
- Methodist Southlake

**District 2**
- Community Hospital of Bremen
- Elkhart General
  - Memorial Hospital South Bend
  - Pulaski Memorial Hospital

**District 3**
- Cameron Memorial
- Dukes Memorial
- Lutheran
- Parkview Huntington
- Parkview LaGrange
- Parkview Noble
- Parkview Regional Medical Center
- Parkview Whitley
Hospitals reporting to the Indiana Trauma Registry – Quarter 1

**District 4**
- Franciscan St. Elizabeth – Lafayette Central
- Franciscan St. Elizabeth – Lafayette East
- IU Health – Arnett
- IU Health – White Memorial

**District 5**
- St. Francis – Indianapolis
- St. Francis - Mooresville
- Hendricks Regional Health
- IU Health – Methodist
- IU Health – Riley for Children
- Johnson Memorial
- Major Hospital
- St. Vincent - Indianapolis
- Wishard Health Services
- Witham Health Services
- Witham at Anson
HOSPITALS REPORTING TO THE INDIANA TRAUMA REGISTRY – QUARTER 1

District 6
Community Hospital of Anderson & Madison Co.
IU Health – Ball Memorial
IU Health – Tipton
Marion General
Reid Hospital
St. Vincent Anderson

District 7
Sullivan County Community
Terre Haute Regional
Union Hospital
Union – Clinton

District 8
IU Health - Bedford
IU Health – Bloomington
Monroe Hospital
Schneck Medical Center

District 9

District 10
Deaconess
Good Samaritan
Memorial Hospital & Health Care Center
Perry County Memorial
St. Mary’s Medical Center
Hospitals Trained on the Trauma Registry (YTD)

- Cameron Memorial
- Methodist Southlake
- Monroe Hospital
- St. Vincent Anderson
- IU Health – North
- Community Hospital of Anderson & Madison
- Scott Memorial
- Good Samaritan
- Daviess Community
- Bluffton Regional
- IU Health – Tipton
- Marion General
- St. Vincent – Clay
- Gibson General
- St. Mary’s Warrick
- IU Health – Bedford
- St. Vincent – Jennings
- St. Margaret - Hammond
QUARTER 1 2013 STATEWIDE REPORT

- 5,281 incidents
- January 1, 2013 to March 31, 2013
- 43 total hospitals reporting
  - 9 trauma centers
  - 34 hospitals
**Patient Demographics**

**Patient Age**
- Pediatric (<18): 13%, 10%, 17%
- Adult: 38%, 57%
- Elderly (>65): 32%, 44%

**Patient Age Groupings**
- 0-14: 10%, 11%, 7%
- 15-24: 7%, 13%, 10%
- 25-34: 12%, 8%
- 35-44: 9%
- 45-54: 11%, 8%
- 55-64: 12%
- 65-74: 13%
- 75+: 10%

**Patient Gender**
- Male: 52%, 57%
- Female: 43%, 43%
- Not Known / Not Recorded: 1%, 0%

**Patient Race**
- White: 84%, 86%
- Black or African American: 11%, 11%
- Other Race: 10%
- Not Known / Not Recorded: 2%, 1%
DISPOSITION / LENGTH OF STAY

ED Disposition

ED Length of Stay (Hours)

Hospital Disposition

Hospital Length of Stay (Days)

*<0.5% ED Disposition: AMA, Home with Services, Other

*<0.5% Hospital Disposition: Intermediate Care Center
**PATIENT OUTCOMES**

**ICU Length of Stay (Days)**
- 79% No ICU Stay
- 11% 1-2 days
- 7% 3-7 days
- 2% 8-14 days
- 1% 15-30 days
- 0% 31+ days

**Primary Payer Mix**
- Medicare: 33%
- Private/Commercial: 16%
- Self Pay: 13%
- Medicaid: 8%
- Blue Cross/Blue Shield: 6%
- Worker’s Comp: 5%
- No Fault Auto: 2%
- Other: 2%
- Other Government: 2%
- None: 13%

**Probability of Survival (Pₛ)**
- Pₛ < 50%: 2%
- Pₛ ≥ 50%: 67%
- Unable to calculate Pₛ: 44%
- 40% Indiana
- 31% Trauma
- 0% Non-Trauma

**Pₛ Missing Components**
- Trauma Type Other: 1104
- GCS N/K: 533
- Trauma Type N/K: 562
- RR N/K: 333
- SBP N/K: 222
- Trauma Type Burn: 222
- Trauma Type Other: 192
- GCS N/K: 92
- Trauma Type N/K: 56
- RR N/K: 36
LENGTHS OF STAY BY ISS AND PROBABILITY OF SURVIVAL
### Transfer Patient Data

<table>
<thead>
<tr>
<th>Probability of Survival</th>
<th>ED Length of Stay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ps &lt; 50% (n=5)</td>
<td>2.0 hours</td>
</tr>
<tr>
<td>Ps &gt;= 50% (n=204)</td>
<td>3.0 hours</td>
</tr>
<tr>
<td>Unable to calculate Ps (n=144)</td>
<td>2.7 hours</td>
</tr>
</tbody>
</table>
TRANSFER PATIENT DATA - AVERAGES

10 minutes

17 minutes
TRANSFER PATIENT DATA - AVERAGES

17 minutes

3 Hours
13 minutes
TRANSFER PATIENT DATA - AVERAGES

1 Hour
1 minute

Total: 5 hours
QUESTIONS?