Preparing for a Trauma Center Verification Site Visit

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Innovations in Translating Injury Research into Effective Prevention
Annual Meeting of the Center for Injury Epidemiology at Columbia University
May 24, 2013
Nursing Requirements

• Maintain records for:
  – Adult Emergency Department
  – Pediatric Emergency Department (if applicable)
  – SICU (PICU – if applicable)
  – PACU (Adult and Pedi)
  – Any general unit that cares for trauma patients
## Nursing Requirements

### Adult Emergency Department RN Competencies 2013

<table>
<thead>
<tr>
<th>AED RN’s</th>
<th>CPR Expiration Date</th>
<th>ACLS Expiration Date</th>
<th>TNCC Expiration Date</th>
<th>HAZMAT Expiration Date</th>
<th>Trauma Orientation</th>
<th>CEN Exp</th>
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<tbody>
<tr>
<td>ADAIR, BILLIE JO</td>
<td>3/31/2013</td>
<td>12/31/2013</td>
<td>12/1/2014</td>
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<td>ALBRIGHT, ERIN</td>
<td>9/30/2014</td>
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<td>4/30/2015</td>
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<td>yes</td>
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<td>ANSALDO, ELMER</td>
<td>9/30/2013</td>
<td>3/31/2014</td>
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<td>AUERBACH, ANN</td>
<td>5/31/2014</td>
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<td>BARRETTA, CHRISTINE</td>
<td>9/30/2014</td>
<td>4/30/2013</td>
<td>12/31/2016</td>
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<td>BIEHLER, MARIA</td>
<td>9/30/2013</td>
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<td>BODNAR, KATHRYN</td>
<td>5/31/2015</td>
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<td>BROWN, SHELLY</td>
<td>8/31/2013</td>
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<td>10/31/2016</td>
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Information- MD Providers

• Maintain current information
  – ATLS (trauma surgeons, emergency medicine, new physicians)
  – Residency Training
  – Board Certification (or eligible, or need for alternate pathway)

• If ALTERNATE PATHWAY
  – Identify in advance
  – FACS if not eligible (process takes up to a yr)
Alternate Pathway-Level I & II
Trauma Centers

• Non-Board Certified or Eligible Physicians
  – Trauma Surgeons (6-2) (pg 37)
  – Emergency Physicians (7-20) (pg 42)
  – Neurosurgeons (8-9) (pg 46)
  – Orthopedic Surgeons (9-14) (pg 52)

• On-site evaluation of the MDs care, by a member of the same specialty

• Eight criteria- must be met
1. Has provided *exceptional care* of trauma pt

2. Has numerous *trauma* publications & presentations

3. Has published excellent *trauma* related research

4. Is documented to provide *excellent* teaching (requires on site evaluation by MD from same specialty)
• The American College of Surgeons requires that physician members who care for trauma patients complete 48 hours of **trauma-related** CMEs every three years = 16 trauma related CMEs annually.

• Actual certificates are required for adequate documentation.
MD Education

• All physicians that care for trauma patients **MUST** have successfully completed an ATLS course at least once.

• In addition, Emergency Medicine physicians who are **not** board certified in Emergency Medicine are required to be **current** in ATLS.
MD Requirements

• Physicians who are designated as the trauma liaison representatives for their respective department are required to maintain current ATLS status. (neurosurgeons, orthopedics, Emergency Medicine)

&

• Complete 48 hours of EXTERNAL trauma-related CMEs every three years =16 external trauma related CMEs annually.
<table>
<thead>
<tr>
<th>NAME</th>
<th>Board Certification Type &amp; Exp</th>
<th>External CMEs</th>
<th>ATLS Exp Date</th>
<th>Copy of CV on file</th>
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<td>Agrawal, Pooja</td>
<td>ABEM-2011-2021</td>
<td>16</td>
<td>Provider, exp. 6/23/2010</td>
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<td><strong>New faculty - July 2012</strong></td>
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<td>Aydin, Ani</td>
<td>ABEM-2012-2022</td>
<td>22.25</td>
<td>Instructor, exp. 4/12/2016</td>
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<td><strong>New faculty - August 2012</strong></td>
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<td><strong>New faculty - March 2012</strong></td>
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<td>Battistich, Sarah</td>
<td>ABEM-2011- 2021</td>
<td>55.5</td>
<td>Provider, exp. 6/13/2016</td>
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<td>Bogucki, Mary (Sandy) <strong>Returning to clinical work July 2012</strong></td>
<td>ABEM- 2007-2017</td>
<td>73.95</td>
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<td>Bonz, James <strong>New faculty - March 2012</strong></td>
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<td>22</td>
<td>Provider, exp. 6/16/2014</td>
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<td>Capp, Roberta <strong>New faculty - July 2011</strong></td>
<td>Board Eligible</td>
<td>42.75</td>
<td>Provider, exp. 6/26/2011- will need to be current if not boarded</td>
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</table>
Internal Educational Process

• Trauma surgeons, Neurosurgeons, Orthopedists, emergency physicians
• If PEDS TC- pediatric surgeons & Pedi Intensivists (also)
• Educational topics identified in the PI process (ideally)
• Presented by TMD or liaison: electronic with documentation
• At least Quarterly- department or other meetings
• Document meetings- attendance and the content
• Binder with documentation- available at site visit***
Ongoing monitoring in Registry-for PRQ and/or for site visit
- Response times for highest level of activation
- Locations of admit; ISS; Deaths; Admit service
- Neurosurgery-craniotomies<24 hours
- Orthopedics- cases <24 hours; Complex pelvic fx
- Non-surgical admission (categories-see FAQ)- review all concurrently for appropriateness
- Pediatric cases (<15 years)
- Organ donation rate
Outreach/Education

- To improve regional outcomes from major trauma by the dissemination of knowledge and expertise regarding the care of injured pt
- To participate with regional agencies, organizations, and providers in improving the regional trauma care system
- To facilitate access to trauma center resources (education&/or prevention programs, performance improvement, consultation, and referrals)
- To support educational programs of regional facilities and trauma health care personnel
Injury Prevention Activities

• Epidemiology research
  – Monitor progress such as: how many car seat, distributed, % of smoke detectors in homes, and seatbelts and/or motorcycle or bike helmets
  – Evaluate effectiveness of programs using parameters such as: fatalities, hospitalization rates, and severity of injuries

• Surveillance
  – Expanded data on prevention include BA levels, toxic agent presence, use of restraint systems, and helmet utilization
  – Capability of doing special data collection projects-monitoring helmets use in the community
Injury Prevention Activities

- **Prevention**
  - Designated spokesperson for injury control
  - Provide a primary IPC course for surgical residents and other HCP

- **Develop policies & practices that create a culture of health promotion and safety within the institution**
  - Can vary from coordinated bike helmet use campaigns to developing PSA for broadcast, to IP fairs, to car seat loaner programs
  - Links to department of health and community health
Questions?

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