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STATE OF IOWA DEPARTMENT OF

Health <sup>AND</sup> Human

SERVICES

# Trauma Program Manager Webinar

The Year in Review

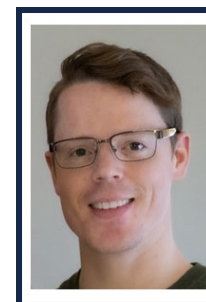
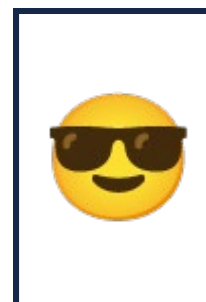
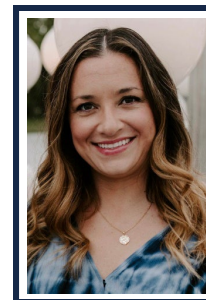
December 16, 2022

Jill Wheeler, RN, BSN, CCRN, SCRN, TCRN  
Trauma Program Manager  
Bureau of Emergency Medical & Trauma Services

# Updates from the State

# State Trauma Program Staff

- Bureau Chief – Margot McComas
- Trauma Executive Officer / TPM – Jill Wheeler
- Trauma Nurse Coordinator – Vacant
- Statistical Research Analyst – Danny Dowd



# BETS Update



- Trauma Executive Officer (Trauma Program Manager) position filled by Jill Wheeler, effective November 18
- Trauma System Coordinator position is OPEN! **Job posting will close on 12/20 at 2359** <https://www.governmentjobs.com/careers/iowa>
- Law Enforcement AED program:
  - 433+ deployments to date (112 had shocks, 56 saves)
- First Responders Comprehensive Addiction and Recovery Program (FR-CARP): provides training and naloxone to EMS agencies
- EMS: service authorizations, service & medical director workshops
- EMS-C: Pediatric Recognition Program

# Iowa Pediatric Emergency Assessment & Care (IPEAC) Recognition Program

**Vicki Petersen, CCP**

EMS for Children Coordinator

Bureau of Emergency Medical and Trauma Services

(515) 229-6213

[vicki.petersen@idph.iowa.gov](mailto:vicki.petersen@idph.iowa.gov)

# The Year in Review

- 56 trauma reverifications!
  - 34 Level IV paper reviews
  - 18 Virtual Reviews
    - 4 Level III
    - 14 Level IV
  - 4 On-Site Reviews
    - 1 Level III
    - 3 Level IV
- 3 focused visits
- 128 CDs resolved



**Disclaimer:** the photographer was not driving and the seatbelt across the face was fixed

# The Year in Review

- 10 Technical Assistance visits
- 10 Monthly TPM Webinars
  - 4 with CEU's offered (new this year!)
- 1 Annual State Trauma Conference
- 4 Quarterly TSAC Meetings
  - 7 System Development Subcommittee meetings/workshops
  - 4 Verification Subcommittee meetings
  - 1 Triage & Transport Subcommittee meeting
- ...and more

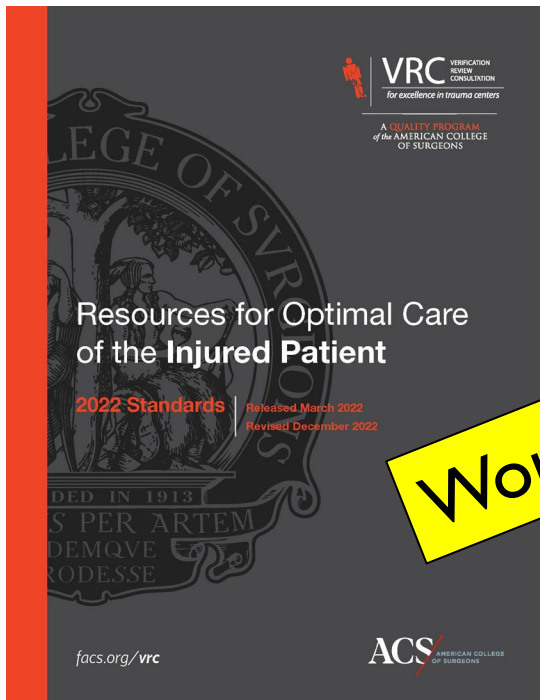
# The Year in Review

- **Alignment** of Iowa Department of Public Health (IDPH) and Iowa Department of Human Services (DHS) into **Iowa HHS**
- **Restructure** of Legacy Bureau into:
  - Bureau of Emergency Preparedness and Response
  - Bureau of Emergency Medical and Trauma Services
- **33% turnover (39 of 120)** in the TPM/ TNC position
  - Does your facility have a succession plan?
    - Who else has registry access?
    - What is your current list of duties for the trauma program?
    - Where do you keep PIPS / loop closure / meeting minutes?



# The Year in Review

- ACS releases *Resources for Optimal Care of the Injured Patient (2022 Standards)*
  - Revision released December 2022



**ACS VRC** Verification Review Consultation  
American College of Surgeons

### Change Log for 2022 Standards

The Verification, Review, and Consultation (VRC) program released the seventh edition of the Resources for Optimal Care of the Injured Patient (2022 Standards) in March 2022. This document lists substantive changes made since the March 2022 release.

Content/Standard	Changes	Revision Date
Overview of the VRC Program	Added definitions for Reporting Period and Verification Cycle	Dec 2022
2.2 Hospital Regional Disaster Committee	Removed Hospital Disaster Plan from the Measures of Compliance (MoC) section	Dec 2022
2.3 Disaster Management Planning	Added orthopedic surgeon (I, PTCI) to the MoC section	Dec 2022
2.5 Trauma Medical Director Requirements	Clarified the requirements for general surgery TMD; Added meeting attendance as a Pediatric TMD	Dec 2022
2.10 Trauma Program Manager Requirements	Added clarification for a cover	Dec 2022
2.11 Trauma Program Manager Reporting Standards		Dec 2022
2.12 Injury Prevention Program		Dec 2022
	Orthopaedic Surgeon Liaison, Alternate	Dec 2022
	Anesthesia Liaison	Dec 2022
	Criteria for Alternate Training Criteria	Dec 2022
	Updated MoC for clarity	Dec 2022
	Removed Orthopaedic Surgery, Neurosurgery, and Ophthalmology requirements from the standards; Clarified 'expertise'	Dec 2022
Ophthalmology Services	New TYPE II standard for Ophthalmology Service.	Dec 2022
	Due to this new standard, all subsequent standards in category 4 are renumbered.	
4.33 Trauma Registry Courses	Clarified AIS course version	Dec 2022
4.34 Trauma Registrar Continuing Education	Added clarification for CE requirements for trauma centers undergoing a consultation or initial verification review	Dec 2022
4.36 Disaster Management and Emergency Preparedness Course	Updated to include eDMEP course Added resources for the DMEP and eDMEP courses	Dec 2022
5.10 Pediatric Readiness	Clarified number of assessments required and updated assessment URL	Dec 2022
5.21 Orthopaedic Surgeon Response	Clarified the attending orthopaedic surgeon's involvement	Dec 2022

**ACS VRC** Verification Review Consultation  
American College of Surgeons

Content/Standard	Changes	Revision Date
7.2 PIPS Plan	Updated the list for audit filters, event or report reviews for clarity	Dec 2022
7.6 Trauma Multidisciplinary PIPS Committee Attendance	Clarified radiology liaison meeting attendance requirement	Dec 2022
7.8 Non-surgical Trauma Operations Review	Reworded the standard to avoid confusion	Dec 2022
Commitment to Postgraduate Education	Based on collective feedbacks, the previously release standard 8.4, 8.5, & 8.6 are now combined into: 8.4 Commitment to Postgraduate Education	Dec 2022

**Work in progress for Iowa**

# The Year in Review

- ACS released revised 2021 National Guidelines for the Field Triage of Injured Patients



National Guideline for the Field Triage of Injured Patients	
<b>RED CRITERIA</b> High Risk for Serious Injury	
<b>Injury Patterns</b>	<b>Mental Status &amp; Vital Signs</b>
<ul style="list-style-type: none"> <li>• Penetrating injuries to head, neck, torso, and proximal extremities</li> <li>• Skull deformity, suspected skull fracture</li> <li>• Suspected spinal injury with new motor or sensory loss</li> <li>• Chest wall instability, deformity, or suspected flail chest</li> <li>• Suspected pelvic fracture</li> <li>• Suspected fracture of two or more proximal long bones</li> <li>• Crushed, degloved, mangled, or pulseless extremity</li> <li>• Amputation proximal to wrist or ankle</li> <li>• Active bleeding requiring direct pressure or with continuous pulsatile bleeding</li> </ul>	<p><b>All Patients</b></p> <ul style="list-style-type: none"> <li>• Unable to follow commands (motor GCS &lt; 6)</li> <li>• RR &lt; 10 or &gt; 29 breaths/min</li> <li>• Respiratory distress or need for respiratory support</li> <li>• Room-air pulse oximetry &lt; 90%</li> </ul> <p><b>Age 0-9 years</b></p> <ul style="list-style-type: none"> <li>• SBP &lt; 70mm Hg + (2 x age in years)</li> </ul>
<p>Patients meeting any one of the RED CRITERIA should be preferentially transported to the highest-level trauma center available within the geographic constraints of the regional trauma system</p>	
<b>YELLOW CRITERIA</b> Moderate Risk for Serious Injury	
<b>Mechanism of Injury</b>	<b>EMS Judgment</b>
<ul style="list-style-type: none"> <li>• High-Risk Auto Crash                             <ul style="list-style-type: none"> <li>- Partial or complete ejection</li> <li>- Significant intrusion (including roof)                                     <ul style="list-style-type: none"> <li>• &gt;12 inches occupant site OR</li> <li>• &gt;18 inches any site OR</li> <li>• Need for extrication for entrapped patient</li> </ul> </li> </ul> </li> <li>• Death in passenger compartment</li> <li>• Child (age 0-9 years) unrestrained or in unsecured child safety seat</li> <li>• Vehicle telemetry data consistent with severe injury</li> <li>• Rider separated from transport vehicle with significant impact (eg, motorcycle, ATV, horse, etc.)</li> <li>• Pedestrian/bicycle rider thrown, run over, or with significant impact</li> <li>• Fall from height &gt; 10 feet (all ages)</li> </ul>	<p><b>Consider risk factors, including:</b></p> <ul style="list-style-type: none"> <li>• Low-level falls in young children (age ≤ 5 years) or older adults (age ≥ 65 years) with significant head impact</li> <li>• Anticoagulant use</li> <li>• Suspicion of child abuse</li> <li>• Special, high-resource healthcare needs</li> <li>• Pregnancy &gt; 20 weeks</li> <li>• Burns in conjunction with trauma</li> <li>• Children should be triaged preferentially to pediatric capable centers</li> </ul> <p><b>If concerned, take to a trauma center</b></p>
<p>Patients meeting any one of the YELLOW CRITERIA WHO DO NOT MEET RED CRITERIA should be preferentially transported to a trauma center, as available within the geographic constraints of the regional trauma system (need not be the highest-level trauma center)</p>	

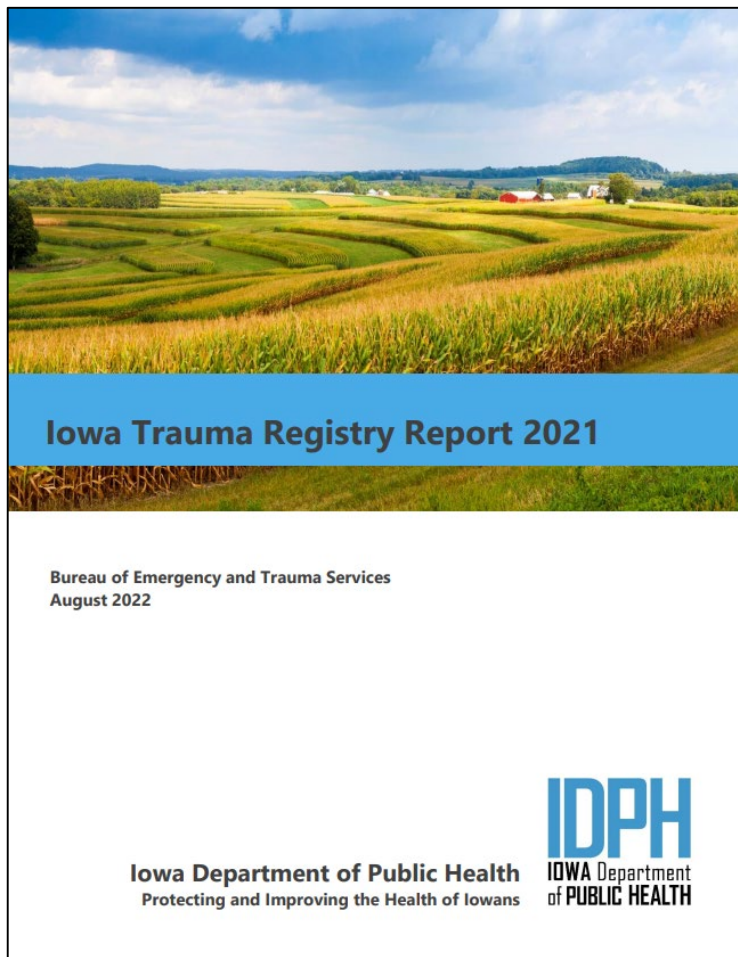
Work in progress for Iowa

# The Year in Review

- Rural Emergency Hospital (REH) designation by CMS beginning January 1, 2023
- Will REH's be verified as Level IV trauma care facilities in Iowa? Ongoing conversations
- Iowa had one hospital (Level IV TCF) closure this year

Work in progress for Iowa

# The Year in Review



# Looking Forward

- TSAC approval and Legislative process to adopt the “charcoal book”
  - Until then... Level III’s will continue to follow “orange book” criteria
  - Level IV facilities will continue to follow “orange book” (until ACS releases Level IV standards and we go through this process again)
- TSAC approval and Legislative process to adopt the National Guidelines for Field Triage of Injured Patients
- Determine the trauma plan for REH facilities
- Back on a balanced track for annual trauma reverifications
- IPEAC availability to all hospitals
- Annual funds generally for State Trauma Conference will be put towards course offerings for YOU (TPMs and Registrars)!

# Education from BETS

- State Trauma & Preparedness Conference
  - Transitioning to an every other year cadence
  - Next one in 2024?
- Plans for funding AAAM AIS courses to TPMs/Coordinators/Registrars in Spring 2023
- Possible Trauma Registry Courses
- Possible TPM Course or TOPIC
- Continue partnership with IHA to offer CEU's for select webinars



# Trauma System Advisory Council Meetings

- 3<sup>rd</sup> Tuesday of the month 1:00-4:00pm
  - January 17, 2023
  - April 18, 2023

# TSAC

# Monthly State TPM Webinar Series

- Typically 4<sup>th</sup> Friday of the month 10:00-11:00am
- New meeting invites will be coming for 2023



# Upcoming Events

And Injury Prevention Materials



# DENVER HEALTH TRAUMA™

LEVEL ONE ADULT & LEVEL TWO PEDIATRIC  
ERNEST E. MOORE SHOCK TRAUMA CENTER

- Trauma Lecture Series
  - Wednesday, December 21, 1:00-2:00pm
  - Violent Injuries – Preventing and Interrupting the Cycle of Violence
  - Presented by Dr. Benjamin Li
  - 1.0 CEU for EMS, RN, Physician
  - <https://cvent.me/e8OY7D>



# MASS CASUALTY INCIDENTS EVENT

Jan. 19, 2023

Sponsored by:  IOWA HOSPITAL ASSOCIATION  
We care about Iowa's health



## Mass Casualty Incidents Conference

Community Choice Credit Union Convention Center, Des Moines, IA

Thursday, January 19, 2023 8:00 AM - 12:30 PM

<https://my.ihaonline.org/Events/Calendar-Of-Events/Meeting-Home-Page?meetingid=%7bCDDEB590-5F5C-ED11-9562-000D3A985AB8%7d>

# NHTSA Holiday Injury Prevention Campaigns

- MANY free ready-to-use materials for you to use
- <https://www.trafficsafetymarketing.gov/get-materials/drunk-driving/drive-sober-or-get-pulled-over/holiday-season>





Upper Midwest Agricultural  
Safety and Health Center

[umash.umn.edu](http://umash.umn.edu)

# Winter Work Wellness



*A 3-part series on staying safe and healthy when working in winter weather on the farm.*

With winter snow and ice on the horizon, it is an excellent time to review why falls happen in older adults and what prevention methods to consider.



## Brain Injury Fundamentals 2023



4-week course on Zoom  
2PM-4PM CST  
January 10, 17, 24, 31

**The cost of registration is \$20**

BIAIA covers the cost of the Practical Training Workbook and certification fee for Iowans! (\$125 value) **Limited availability**

[www.biaia.org](http://www.biaia.org) | 855-444-6443 | [info@biaia.org](mailto:info@biaia.org)

STATE OF IOWA DEPARTMENT OF  
**Health AND Human**  
SERVICES

This development of this presentation is supported by contract 5893B106 from the Iowa Department of Health and Human Services (Iowa HHS) Brain Injury Services Program.



# BRAIN INJURY FUNDAMENTALS



**We encourage individuals to ask for accommodations as needed!**





# Certified Brain Injury Specialist Course



9-Week winter prep course on Zoom  
January 11-March 15, 2023  
Wednesdays 1P-4P CST

Registration Fee \$100 *limited availability*



We encourage individuals to ask for accommodations as needed!



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# When the Dust Settles

31st Annual Best Practices in  
Brain Injury Services Conference

March 2-3, 2023 | Des Moines, IA





**STN**  
SOCIETY OF TRAUMA NURSES

# TRAUMA CON

**MARCH 29 - 31, 2023 • HYATT REGENCY DENVER • DENVER, CO**

# Helpful Resources

# Please reach out!

- Technical assistance via Zoom or on-site visit
- (515) 201-4735
- [jill.wheeler@idph.iowa.gov](mailto:jill.wheeler@idph.iowa.gov)
- TPM Manual on website <https://wiki.idph.iowa.gov/idph-trauma-program-manager-manual/>
  - Examples of policies/guidelines
  - Previously recorded webinars
  - Trauma Registry information
  - Trauma Care Facilities map with TPM contact info

# Questions

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Trauma Program Manager | Executive Officer 2

Bureau of Emergency Medical and Trauma Services

Iowa Department of Health and Human Services

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