

INDIANA TRAUMA CARE COMMISSION

May 3, 2024

Email questions to: indianatrauma@health.in.gov

OUR MISSION:

To promote, protect, and improve the health and safety of all Hoosiers.

OUR VISION:

Every Hoosier reaches optimal health regardless of where they live, learn, work, or play.



Housekeeping

- Please take breaks as needed.
- There will be opportunity for Q & A during the meeting.

This meeting has been public noticed.



Welcome and Introduction

Kraig Kinney,

State EMS Director, DHS



Legislative Update

Rachel Swartwood

Deputy Director, Legislative & External Affairs



Questions?

If you have specific questions regarding potential legislation, please email someone from our legislative affairs team.

- Rachel Swartwood, Legislative and External Affairs Director racswartwood@health.in.gov
- Jake Torrie, Deputy Director, Legislative and External Affairs <u>jtorrie@health.in.gov</u>



Trauma System Development - Project Update

Brian Busching

Division Director, Trauma and Injury Prevention



RFA Strategies

Trauma System Development

Purpose: Increase access and coordination to appropriate trauma care facilities by improving and maintaining the infrastructure of the trauma system

Quality Improvement

Purpose: Promote effective coordination of care (right person, right place, right time), including appropriate hospital triage (with EMS) and timely transfer of critical patients. Improve the Indiana trauma registry and optimize data collection and quality including accuracy to advance the effective and timely use of data

Trauma and Non-Trauma Center Engagement

Purpose: Improve hospital reporting across the state to ensure all hospitals are submitting high-quality data. Enhance hospital infrastructure including personnel needs to support ongoing hospital engagement

Injury Prevention Programming

Purpose: Implement evidence-based programming to address leading causes of trauma and injury within the community and regional environments



Trauma System Development – Recommended Projects

Trauma System Development, Quality Improvement, TC and NTC Engagement – Indiana Hospital Association (Statewide)

Project aims to increase access and coordination to appropriate trauma care facilities by improving and maintaining the infrastructure of the trauma system. Approach will be to build upon the capacity and capability among all providers: 1) TRAC development including designation exploration, 2) Education and Outreach including training, 3) Registry improvement including exploring automation, 4) annual trauma symposium activation.



Trauma System Development - Funding

Funding by Primary Strategy	Total Requested	Total 2-year Recommended
Trauma System Development	\$ 2,710,500.70	\$ 2,696,735.70
Quality Improvement	\$ 626,880.00	\$ 626,880.00
TC and NTC Engagement	\$ 175,610.46	\$ 79,000.00
Injury Prevention	\$ 3,031,738.28	\$ 630,563.64
Total	\$ 6,544,729.44	\$ 4,033,179.34



Trauma System Development - Funding

	Recommended	Remaining
T (I)/	\$ 2,499,289.50	\$ 710.50
Total Year 1 Funding	\$ 2,499,209.50	φ / IU.3U
Total Year 2 Funding	\$ 1,533,889.84	\$ 3,466,110.16



Division Staffing

Vincente (Vince) Benchino – Clinical Director (started 2/5/24)

Interviewing for Central Region Clinical Coordinator

Posting Northern and Southern positions soon



Trauma System Plan – Update and Next Steps

Ann Solzak Crowe, LLP



Agenda

Project Status Update

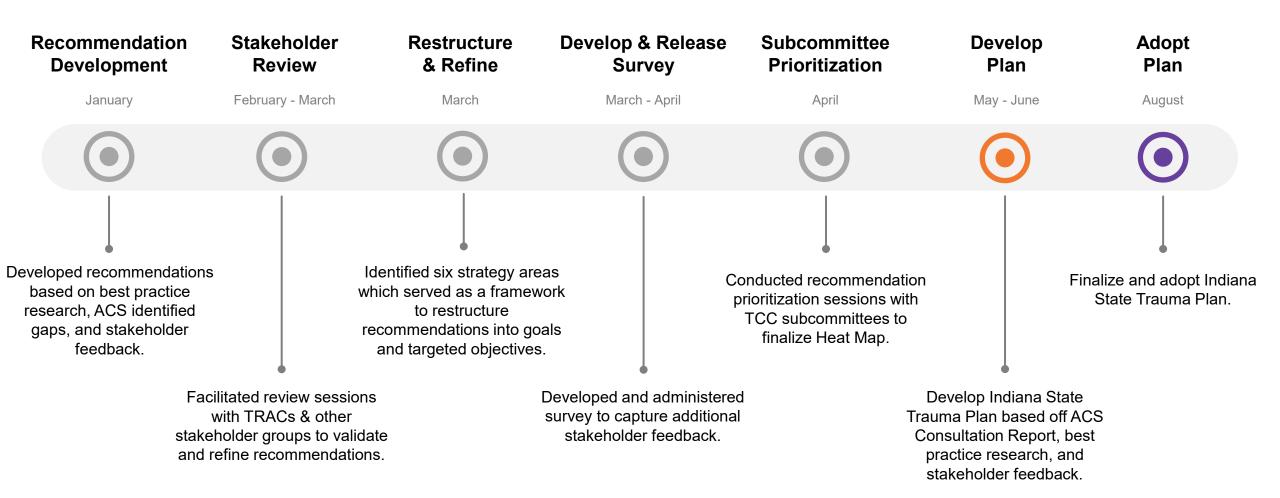
Recommendations Updates

Next Steps

Project Status Update



Project Update





Recommendation Key Takeaways



Survey Response Takeaways

- Survey was opened March 27th and closed April 19th
- Distributed to stakeholders via email and posted to the IDOH website
- 165 total survey responses
- Majority of respondents agreed with recommendations as written (lowest percent for "include as written" response was 87%)

Survey Respondent Themes

Representation across TCC subcommittee and TRAC membership is seen as important, including an emphasis on quality of appointments and ability to maintain operational effectiveness.

Integrate additional, targeted stakeholders into trauma system activities for a holistic approach, such as nursing, behavioral health, crisis response, and Emergency Management Agency (EMA).

Improvement to data quality statewide and interoperability of data throughout districts is key to the continual performance improvement of the Indiana trauma system.

Continuous training for trauma system personnel to reflect the most updated training protocols.



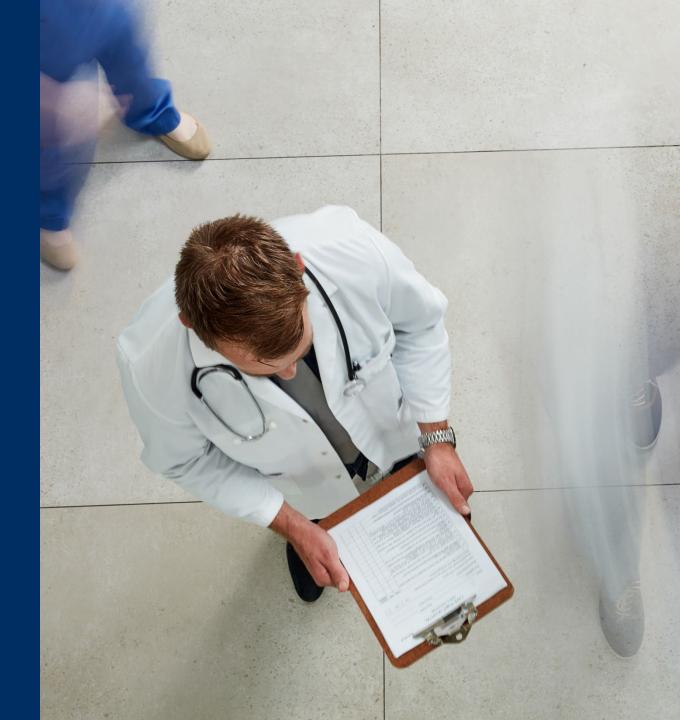
Recommendation Feedback Key Takeaways

- Stakeholder review sessions highlighted a need for further refinement and reorganization, which has been accounted for in more recent versions of documents.
- Majority of survey respondents agreed with the recommendations, validating the approach and relevance of proposed goals. The following items refined recommendations and sparked wider discussion with leadership:
 - Emphasis on supporting and standardizing TRACs, and if expansion of TRAC membership would be burdensome to action items.
 - Consideration of Regional Medical Operations Coordination Center (RMOCC) to become a statewide structure rather than regional.
 - Reassessed and adjusted recommendations language based on survey comments.
- Prioritization sessions validated recommendations against specified criteria to bring alignment among subcommittee members.
 - Disaster Preparedness & Military Integration subcommittee session provided feedback to further refine recommendations related to disaster planning.
 - System Planning subcommittee session sparked discussion on whether recommendations related to TCC legislation should be removed.

Feedback provided insights that will guide the development of the Indiana Trauma System Plan.



Next Steps





Next Steps

- Conduct meeting with Project Team to review and provide feedback on initial Plan Draft. Target complete 5/29/24.
- Conduct review and feedback sessions with TCC Members. Target complete early- to mid-June.
- Finalize Trauma System Plan. Target complete 6/28/24.
- Adopt final Plan at August TCC meeting



Thank you



Susannah Heitger Consulting Partner



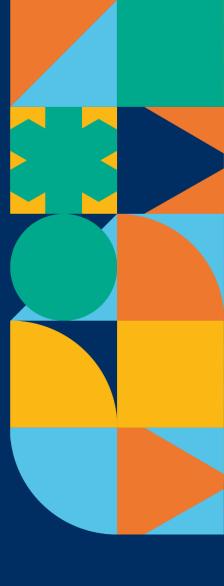
Ann SolzakProject Manager



Liz Schuler Senior Business Analyst



Olivia Knarr Business Analyst



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Trauma System Planning Subcommittee

Andy VanZee, Co-Chair Vice President of Regulatory & Hospital Operations, IHA

Erik Streib, MD, Co-Chair Trauma Medical Director, Eskenazi Health



Trauma System Planning Subcommittee Members

- Andy VanZee IHA (Chair)
- Eric Streib Eskenazi (Co-Chair)
- Scott Thomas Beacon
- Jen Homan Franciscan
- Kraig Kinney IDHS
- Lewis Jacobson St Vincent 86th
- Matt Landman IUH Riley
- Kelly Blanton St Vincent 86th
- Raymond Cava Parkview

- Andrew Bowman EMS Commission
- Dharmesh Patel St Vincent Evansville
- Jarrod Sights Scott Twp EMS
- IDOH



Trauma System Planning: Scope of Work

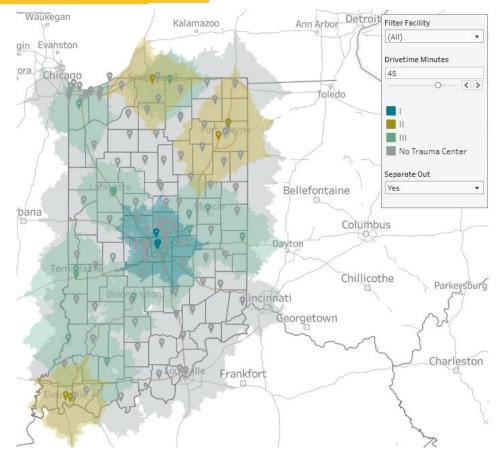
Promote effective coordination of care (right time/right place), including appropriate hospital triage (with EMS) and timely transfer of critical patients; maintain trauma center designations. Ensure commission reporting is completed and funding is allocated.

- Establishment of Trauma Regional Advisory Committees
- Trauma Center Designation Process
- Funding for 2025 Legislative Cycle
- Needs Based Assessments
 - Neighboring States
 - Allocation of Current Centers
- State Trauma Plan



Trauma System Planning Subcommittee Meetings

- Met on Feb 28th and April 17th
 - Set Committee Priorities
 - Reviewed Crowe recommendations
 - Approved TRAC map (3 regions)
 - Discussed Trauma Summit planning (first two weeks of December)
- Next Meeting May



45-minute drive



Trauma Education & Outreach Subcommittee

Jay Woodland, MD, Co-Chair Trauma Medical Director, Deaconess Hospital

Matt Landman, MD, Co-Chair Trauma Medical Director, IU Riley



Trauma Education & Outreach Subcommittee Members

- IDOH
- Jay Woodland, Co-Chair (Deaconess)
- Matt Landman, Co-Chair (IU Riley)
- Andrew Bowman (EMS Commission)
- Catana Phillips (IU Methodist)
- Colleen Groves (Ascension)

- Dara Dilger (Deaconess)
- Elizabeth Weinstein (IU Health)
- Jen Homan (Franciscan Crown Point)
- Merry Addison (ENA)
- Tiffany Davis (IU Methodist)



Education and Outreach Subcommittee: Scope of Work

- Provide education/outreach to key stakeholders
- Coordinate with IDOH to utilize data for injury prevention programming
- Conduct public awareness campaign



Education and Outreach Subcommittee Meetings

- February 26, 2024
 - Began discussion of overall trauma education needs in IN
 - ATLS, ATCN, TNCC, DMEP
 - Discussed LHD survey to stimulate IP planning
 - Elected to send out short questionnaire to all IN verified centers
 - What courses currently offered
 - What costs are associated/willing to share
 - Would your area benefit from more educational offerings?



Education and Outreach Subcommittee Meetings

- April 4, 2024
 - Crowe Heat Map presentation
 - Review responses from 11 verified centers
 - Overwhelming need for more ATLS courses
 - Varied responses on nursing courses
 - Obtain ATLS instructor information from ACS



Education and Outreach Subcommittee

- Next steps
 - Goal of 3 ATLS instructor courses over next year
 - Establish standard reimbursement model for all centers
 - ATLS, ATCN, TNCC, DMEP, etc.
 - For anyone working in an IN facility
- Next meeting
 - May



Trauma Registry Subcommittee

Lisa Hollister, DNP, Chair

Director, Parkview Health Trauma System and Better Future Clinic



Trauma Registry Subcommittee Members

- IDOH
- Lisa Hollister, Chair (Parkview)
- Latasha Taylor (Methodist Hospitals)
- Madison Halter (Good Samaritan)
- Betsy Welsh (Community)
- Clint Rudolph (Schneck)
- Brandee McKee (Greene County General)
- Summer Blakemore (Beacon Health)

- Sydney Hull (Good Samaritan)
- Whitney Floyd (St. Elizabeth)
- Dazar Opoku (Parkview)
- Jennifer List (St. Elizabeth)
- Jennifer Konger (Parkview)
- Jennifer Post (IU Health)
- Amy Ludwig (Ascension)



Registry Subcommittee: Scope of Work

- Review and maintain data elements of the Indiana trauma registry
- Oversee registry outreach and training for data optimization
- Assure data is valid, accurate and reliable: Quality data



Objectives -> Priorities -> Success

Objectives:

- Fact-Finding and Assessment (where do we stand today/Gaps): Evaluate our current registry status and performance of registrars
- Data Variable Prioritization: Define and focus on the most crucial 250 variables for Trauma Center (T) vs Non-Trauma Center (NT) cases
- •Training Recommendations: Identify suitable training programs for registrars
- Motivation Strategies: Consider incentives (carrot) as well as compliance measures (stick). Potential Data Publication: Explore the idea of publicly grading the quality of data
- ·Potential Data Publication: Explore the idea of publicly grading the quality of data

Determine Priorities:

- Understand current gaps?
- Training and Education: Consider implementing a trauma registry course?
- Automation and Al?
- ·Outcome Improvement: Leverage quality data to enhance patient outcomes?

What is Success:

Accurate, reliable, valid, timely, and efficient data flow

- Comprehensive coverage / involvement of all relevant data and stakeholders
- Qualified staff trained and "certified"
- · Actionable insights utilize the data effectively through dashboards and comparative analysis



Trauma Registry Subcommittee Meetings

- First meeting: March 6
 - Reviewed state trauma system background; where we are today
 - Reason for a registry subcommittee
 - Scope of work
 - Objectives/priorities/success

- Second meeting: May 1st
 - Trauma System Plan Prioritization
- Next Meeting: May 8th



Trauma Registry Subcommittee

Next Steps:

- Gap analysis of registry needs
 - Training needs
 - Current validity
 - Potential for automation

Future meetings every month, to every other month



Performance Improvement (PI) Subcommittee

Eric Yazel, MD, Co-Chair DHS EMS Medical Director

Scott Thomas, MD, Co-Chair Trauma Medical Director, Beacon Health



Performance Improvement Subcommittee Members

- Dr. Eric Yazel (DHS)
- Dr. Scott Thomas (Beacon Health)
- Ashley Estep (Ascension)
- Dawn Daniels (IUH)
- Sherri Marley (Eskenazi)
- Sarah Hoeppner (Parkview)
- IDOH

- Dr. Stephanie Gardner (Ascension)
- Dr. Kailyn Kahre (IUH)
- Dr. Lewis Jacobson (Ascension)
- Dr. Peter Hammer (IUH)
- Dr. Raymond Cava (Parkview)
- Jarrod Sights (Scott Twp Fire D10)
- Scott Isenberg (IUH)



Performance Improvement Subcommittee: Scope of Work

In coordination with other subcommittees

- Identify quality measures
- Disseminate best practices
- Provide hospital and systemwide reports of quality measures
- Develop a statewide PI plan



Performance Improvement Subcommittee Meetings

Inaugural meeting, March 7th

- Discussed the Scope of Work
- Evaluated near term priorities
- What does success look like?
- Determined next steps- working document
- Open discussion



Performance Improvement Subcommittee Near Term Priorities

- Establish specific and measurable metrics
- Establish baseline data to track progress
- Focus on communication and connections between EMS, trauma centers, non-trauma facilities, and post acute-care providers
- Develop level-appropriate report cards to assess hospital performance



Performance Improvement Subcommittee Future Meetings

May 2nd Meeting Summary

- July 11th at 1pm
- September 12th at 1pm



Disaster Preparedness and Military Integration Subcommittee

Joel Thacker, Co-Chair Executive Director, Indiana Department of Homeland Security

Dr. David Welsh, Co-Chair General Surgeon, Margaret Mary Health, Batesville, IN



Disaster Preparedness and Military Integration Subcommittee

Subcommittee Members:

- Dr. Emily Fitz IU Health
- Merry Addison Public Health Advocate
- Dr. Justin Koenig Elkhart General
- Nicole Stilianos LTC, Indiana National Guard, CCO Indiana Primary Health Care Assoc.
- Dr. Mark Liao Methodist, IEMS Medical Director
- Chris Schmidt Memorial Hospital, Jasper Indiana
- Dr. Mallory Bray St. Vincent Evansville

IDOH Staff:

Annika Barce Lauren Milroy

Vince Benchino Derek Sebold

Mohammed Islam Angelo Soto

Ramzi Nimry Brian Busching

Scope of Work:

- Assess capabilities to partner and coordinate with military and disaster preparedness stakeholders statewide;
- Plan and implement opportunities associated with preparedness and disaster planning including coordination of response with TRACs.

Objectives:

- Assessing current trauma capacity and coordination for emergency response
- Identifying gaps in coordination and engagement for preparedness
- Ensuring an established community of preparedness and response stakeholders



Disaster Preparedness and Military Integration Subcommittee: Meetings

- Subcommittee met on March 1
- Reviewed scope of work and emphasized a focus to develop a strong plan surrounding trauma and military integration and disaster preparedness.
- Discussed the process for requesting National Guard assistance for state active duty.
- Discussed different units in National Guard i.e. CERF-P
- Discussed statewide patient tracking system
- Discussed how to engage combat medics with local public safety agencies



Disaster Preparedness and Military Integration

Next Steps

- Adding additional members
- Attend upcoming National Guard trainings

Next Meetings

- May 17 1100
- July 19 1100
- September 13 1100



Trauma System Development - Franciscan Health LII Verification

Dr. Eric Woo, DO

Jennifer Homan, RN



Trauma System Development – Franciscan Health

- Key Milestones/Objectives
 - Strategy 1: Advance Trauma Center Level
 - Strategy 2: Performance Improvement/regional QA
 - Strategy 3: Trauma Registry and Education
 - Strategy 4: Injury prevention



Trauma System Development – Franciscan Health

- Activity to date:
 - Stakeholder meeting with Physicians
 - Cost analysis/ 10-year budget
 - Create action plans for Trauma 2 (in process)
 - Posting of positions (offers out for 2)
 - TCAR classes for RNs
 - One physician Completed ATLS instructor classes
 - Physician Classes
 - Planning RTTDC with District 2



Trauma System Development – Franciscan Health

Next Steps

Further develop regional performance metrics:

Evaluate triage within the district

Registry QI/training

Symposium: regional trauma conference

- Venue
- Speakers

Trauma Level II stakeholders meetings Hospital/ Physician

- Staff hiring
- Tactical Action plans





INDIANA EMS State Update

Kraig Kinney, State EMS Director
May 2024





Indiana EMS 2025 Update

Discussion Topics



EMS Funding

EMS Workforce EMS
Education &
Careers

EMS Safety

EMS Operations EMS Essential Function





Draft recommendations in progress. Report planned for June.

- Thursday, May 9, 9 a.m. to Noon.
 - Indiana Government Center South conference room C.









EMS Education Grants



- Grant period was in October for EMS training institutions and EMS provider organizations.
- 120 applications were received for a total request of \$8,177,184.63.
 - Created VERY competitive process to remain within budget.
- Approved were 44 grant awards (36 organizations) for \$1,402,753.65.
- Represented in grantees are:
 - Training Institutions
 - Career Departments
 - Combination Departments
 - Volunteer Departments





Eligibility:

- 1. Certified EMS training institution
- 2. Equipment related to the initial certification education of EMRs, EMTs, AEMTs, and paramedics.

Applications

• 53 applications for a total requested amount of funding for \$1,824,919.98.

Awarded

- ALS awarded Total \$1,145,265.79 for 28 total ALS Training Institutions covering all IDHS Districts within the state.
- BLS awarded Total \$194,497.28 for 13 total BLS Training Institutions covering all but two IHDS Districts.

Review Committee:
EMS division staff, the
Indiana EMS Commission,
the Indiana Department of
Health, the Indiana EMS
Association, the Indiana Fire
Chief's Association, and the
Professional Firefighters
Union of Indiana.

TOTAL AWARDED: \$1,339,763.04

Upcoming EMS Funding Projects



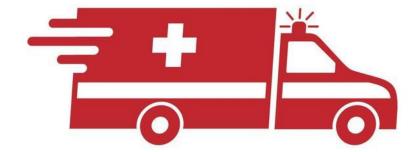
- EMS on-line education courses
 - Bid process resulted in a negotiated bid with School of EMS.
 - Contract in progress for multi-year offerings.
 - 2024 planning includes:
 - On-line paramedic course with focus in enrollment and on-site skills in east central Indiana along I-70.
 - On-line EMT courses include one with a northwest focus (Newton, Jasper, Pulaski and White) and one with a south focus (Martin County, Davies County, Lawrence County or Orange County).

Upcoming EMS Funding Projects



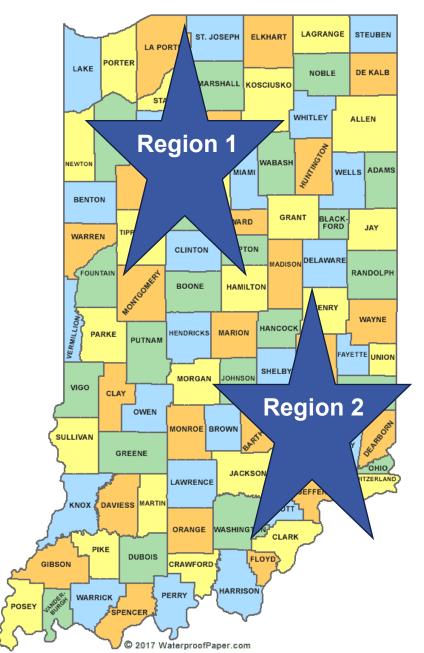
- RAPID Interfacility Transfer Pilot
 - \$1.2 million for both a southeast region and then a northwest region where there are gaps in the trauma system.
 - Bid process initiated.

The State of Indiana, on behalf of the Indiana Department of Homeland Security, has released a solicitation for Interfacility Transfer Pilot Project: RAPID Teams – Negotiated Bid 385-25-79026. Please visit our website at https://www.in.gov/idoa/procurement/ to see this solicitation. Responses are due no later than June 12, 2024.





- Region 1:
- Counties: Cass, Fulton, Howard, Jasper, Miami, Pulaski, Starke, and White.
- Critical Access Hospitals: Dukes Memorial (Peru),
 Franciscan Health Rensselaer, IU Health White
 Memorial Hospital (Monticello), Pulaski Memorial
 (Winamac), Woodlawn Hospital (Rochester)
- Region 2:
- Counties: Dearborn, Decatur, Franklin, Jackson, Jefferson, Jennings, Ohio, Ripley, Rush, Switzerland, Washington
- Critical Access Hospitals: Ascension St. Vincent Jennings (North Vernon), Ascension St. Vincent Salem, Decatur County Memorial (Greensburg), Margaret Mary Health (Batesville)







Admin Lo

Instructor Login

Hospital Hospital Durables Resources Support Company Request a Demo



< Return To News

State Partnership Drives Handtevy Adoption in Indiana, Enhancing Lifesaving Emergency Response for EMS



The EMS Division of the Indiana Department of Homeland Security and Handtevy launch a transformative initiative to enhance advanced life support across 70 organizations, integrating state-of-the-art technology to forge the future of patient care.

INDIANAPOLIS, April 7, 2024





The EMS Division of Indiana Department of Homeland Security and Handtevy – Pediatric Emergency Standards, Inc., proudly announces a strategic initiative to enhance emergency medical services across Indiana. The initiative offers supportive funding to EMS agencies allowing the adoption of the Handtevy Mobile Medication Dosing and Protocol Management System. This significant

move, supported by both the Indiana Department of Health and the state's EMSC program, is designed to improve emergency response capabilities for both pediatric and adult patients and optimize operations and efficiency in patient care delivery.

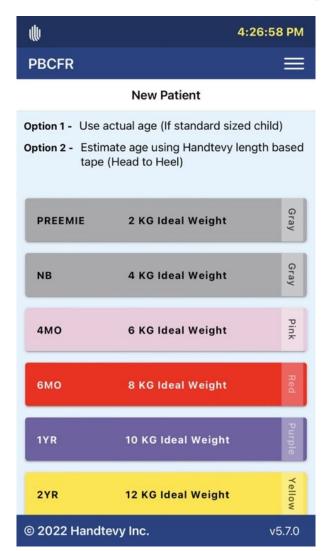




TADION SOUNCES

- IDHS in partnership with IDOH is bringing a proven resuscitation tool to assist with pediatric emergency response to Indiana.
- Currently, 46 Indiana EMS provider organizations utilize Handtevy, the system will allow that number to double!





Handtevy Pediatric Resuscitation System



Already Using Handtevy System (22)

- IDHS Share: 25%
- EMS Organization Share 75%
- EMS Organization will receive a Handtevy account credit for any payments already made that cover periods within the State contract period.
- System will be Handtevy Mobile with protocol integration.

New Enrollee (48)

- IDHS Share: 50%
- EMS Organization Share 50%
- System will be Handtevy Mobile with protocol integration.



HEA 1302 County EMS Survey



- County Commissioners must complete an IDHS survey on county EMS by July 15, 2024.
- IDHS must complete a report by August 15, 2024.
- Process of survey TBD



HEA 1302 County EMS Survey



- (1) Each EMS provider that provides services in the county.
- (2) Each EMS provider in the county that provides services to an adjacent county.
- (3) The funding source for each EMS provider described in subdivision (1).
- (4) The level of care provided by each EMS provider in the county, including a description of the:
 - (A) basic life support (BLS) services; and
 - (B) advanced life support (ALS) services; provided by the EMS provider.
- (5) The average response time for each EMS provider in the county disaggregated by:
 - (A) nontransport EMS units; and HEA 13022
 - (B) transport EMS units.





- (6) Factors that result in a longer average response time in certain jurisdictions within the county disaggregated by:
 - (A) nontransport EMS units; and
 - (B) transport EMS units.
- (7) Any information the department, in consultation with the Indiana emergency medical services commission established by IC 16-31-2-1, determines is necessary or useful to include.





• District 5

• District 1,2

• District 3,6

• District 7,10

• District 8/9

• District 4

MADE

Huntington

Vincennes Univ.-Gibson Co.

Seymour

Franciscan Lafayette

Thursday, May 2nd

Health Foundation of La Porte Thursday, May 30th

Thursday June 20th

Thursday July 18th

Thursday, August 22nd

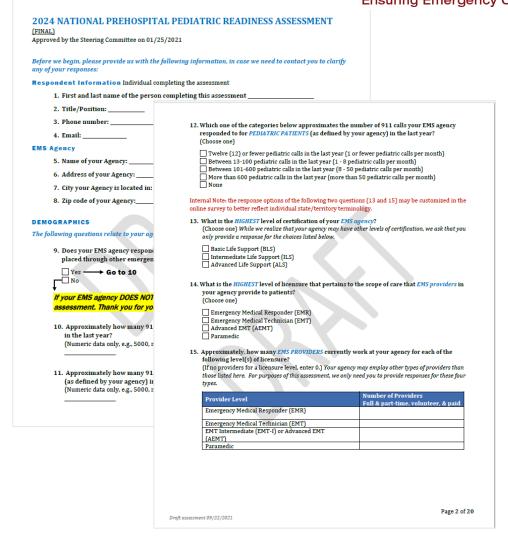
Thursday, September 26th



2024 Prehospital Pediatric Readiness Project (PPRP) Assessment now Available



- EMSpedsReady.org
- Comprehensive 146-item scored assessment of pediatric readiness in EMS systems
- Online, open access
- Benchmarking with similar EMS agencies (by annual pediatric volume)
- Immediate access to overall weighted pediatric readiness score
- Agency-specific gap report with link to evidence-based resources
- Intended for all 9-1-1 responding agencies







Margo Knefelkamp, MBA
Program Manager
Indiana EMS for Children
Margo.Knefelkamp@indianapolisems.org



THE END





Final Business?



2024 TCC Meeting Dates

REMINDER:

August 2nd November 22nd



Next Meeting:

August 2, 2024 10:00am to 12:00pm (Eastern Time)

