



Region 8 Trauma Advisory Council

DECEMBER 2024



AGENDA

Call to Order

Attendance / Introductions

Agenda Approval

Minutes Approval

A blue-tinted photograph of a snowy winter landscape. In the foreground, a stream flows through a snow-covered area. The banks are lined with evergreen trees heavily laden with snow. The background shows more trees and a bright, overcast sky. The overall scene is serene and cold.

State Updates

STAC meeting December 2024

RFP update – biospatial new vendor, extended onboarding

STAC appointments and new state staff

FSED directory

2025 SOC Conference Oct 7 & 8, Muskegon

OHSP grant for MV dashboard

Update on criteria language (Michigan Level III and IV)

Michigan Data Dictionary

Trauma Data Dashboard

Michigan Trauma System Annual Report

2025 plans

Baraga – 1 year focus LIV; OSF – 3 year LIV

Timing for last 3 TCs and anyone applying in 2025?

System of Care staff

System of Care Section Manager Eileen Worden
Administrative Assistant Jennifer Strayer
Trauma Verification/Designation Coordinator Tammy First
EMS, Trauma, Stroke and STEMI Epidemiologist Stephanie Bliss
State Trauma Registry Administrator Jill Jean
Region 1 Trauma Coordinator Ryan Chadderton
Region 2N Trauma Coordinator Doug Burke
Region 2S Trauma Coordinator Denise Kapnick
Region 3 Trauma Coordinator Aaron Brown
Region 5 Trauma Coordinator Aubree Verlinde
Region 6 Trauma Coordinator Helen Berghoef
Region 7 Trauma Coordinator Nicole Daughtery
Region 8 Trauma Coordinator Lyn Nelson

Systems of Care Manager Katelyn Schaible
Stroke/STEMI Verification/Designation Coordinator Theresa Jenkins
Region 1, 2N, 2S, & 3 STEMI Coordinator Christine Laking
Region 1, 2N, 2S, & 3 Stroke Coordinator Mark Ladetto
Region 5, 6, 7, & 8 STEMI Coordinator Elizabeth Baty
Stroke/STEMI Coordinator Vacant
Stroke/STEMI Database Manager Devender Lali

Announcement

December 4, 2024

MICHIGAN SYSTEMS OF CARE AND EMS

VENDOR CHANGE

After several years utilizing the *ImageTrend*® technology package, MDHHS has selected to move forward in partnership with biospatial to provide an integrated registry for trauma, stroke and STEMI and First Due as the EMS documentation tool.

Access to *ImageTrend*® remains in place for the transition period, or until 9/30/2026, as needed.

Both biospatial and First Due's platform are web-based platforms that MDHHS is providing **at no cost** to participating system facilities.

Changeover will be staged, with flexibility available for facilities to move as they are ready. Once the contract is fully signed, more information will be shared.

The most updated information regarding the status of the project will be posted on the trauma registry [website](#).

The stroke and STEMI portion of the registry platform, including data dictionaries, are in development. For updates see the [SOC webpage](#).

EMS Agencies will be available to move as they are ready, once the platform has been customized to Michigan standards. More information will be shared in the Wednesday Update as it becomes available.

TECHNOLOGY VENDOR CHANGE

Registry data collection dates are unchanged for 2025:

March 15th
June 15th
September 15th
December 15th

EMS PCR protocols and rules remain as published.

ACS 2022 Standards Reviews

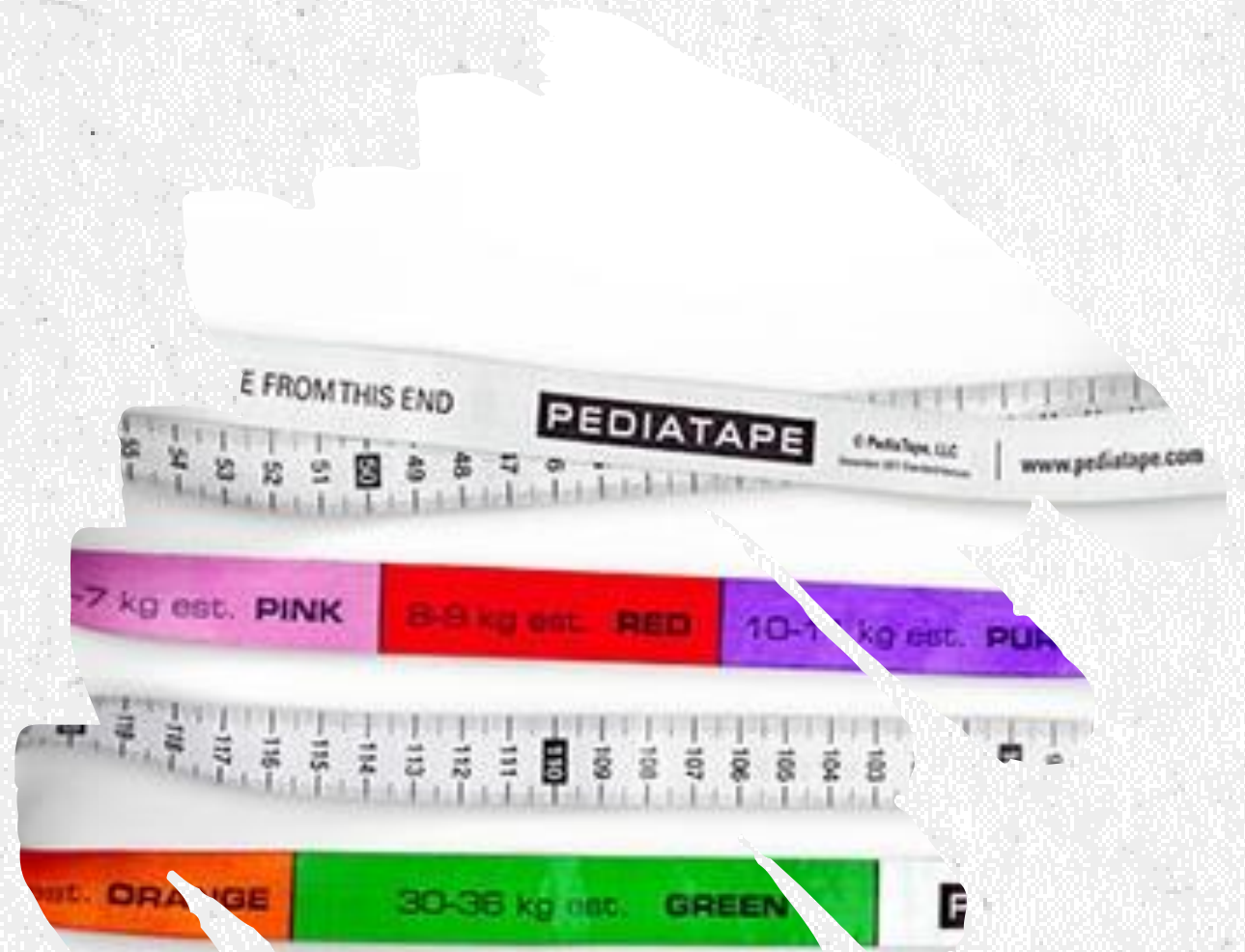
Most Frequently Cited Standards (for reports finalized through mid-August)

PI	7.3 Documented Effectiveness of the PIPS Program
Screening	5.31 Alcohol Misuse Intervention
Screening	5.30 Alcohol Misuse Screening
PI	7.6 Trauma Multidisciplinary PIPS Committee Attendance
Registry	6.2 Trauma Registry Patient Record Completion
Registry	4.32 Certified Abbreviated Injury Scale Specialist
Registry	4.31 Trauma Registry Staffing Requirements
Clinical	5.21 Orthopaedic Surgeon Response
Registry	4.33 Trauma Registry Courses
Clinical	5.17 Neurosurgeon Response
Screening	5.29 Mental Health Screening

PEDIATAPE

Dr. Bigsby asked at the last meeting about the pediatric tapes. This is what they look like and can be used with the MI-MEDIC cards. Dr. Mishra is working on a distribution plan to the region's EMS agencies. Illustrated here in case any non-EMS agencies want to purchase them at:

<https://www.pediatape.com>



A winter landscape photograph showing a snow-covered field with sparse, bare trees in the foreground and a dense forest of evergreens in the background. The sky is a clear, bright blue. The entire image is framed by a white, torn paper border. The text "OLD BUSINESS" is overlaid in white, serif font on the right side of the image.

OLD BUSINESS

UNTIL HELP ARRIVES

More supplies

Lining up classes

Offering another instructor course

Ann Clancy-Klemme

- R8

Lyn Nelson

- R8

Jodi McCollum

- Marquette, Alger

Dr. Bigsby

- Delta

Steve Carlson

- Chippewa

Brook Dake

- Luce

What is Trauma

Approved toolkit saved into PNGs and zipped

Dispersing PNGs to TPMs and direct link to Canva document for anyone that will be making the modifications and running the educational campaign

Work with your Marketing Departments for 2025 internal and external audience campaigns



In the case of a trauma center, trauma refers to any injury to the body. The most common causes of injury that bring patients to a trauma center in the Upper Peninsula are falls, motor vehicle crashes, and other types of land transport crashes such as ORVs and snowmobiles. These events can cause mild to life-threatening trauma in multiple areas of the body.



Patient movement

EMS patient care reports

- The type of transport
- Times
- Procedures
- Facilities

Trauma Registry

- Physical discharge time
- Delays
- Reason for delays
- Facilities



NEW BUSINESS

2024 meeting attendance

2024 RTAC Attendance	NAME	FEB	APR	OCT	DEC
HOSPITAL					
Aspirus Michigan Trauma System	Cindy Gurchinoff	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aspirus Ironwood	Scott Novascone	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aspirus Ironwood	Dr. Robert Covington	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aspirus Iron River	Scott Kataja	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aspirus Iron River	Dr. Roya Mahana	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aspirus Michigan	Julie Monville	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aspirus Keweenaw	Christina Verran	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aspirus Iron River	Sarah Nocerini	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baraga Co Memorial	Sandy Peltola	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Helen Newberry Joy	Shelly Reeves*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Marshfield Dickinson	Pat Siegle*	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Munising	Christi Salo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OSF	Terra Ison	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
OSF	Dr. Bob Benkendorf	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schoolcraft Co Memorial	Hailey Watchorn	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UPHS Bell	Keith Kangas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UPHS Bell	Melissa Perry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UPHS Marquette	Alyson Sundberg	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UPHS Marquette	Ann Clancy-Klemme	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UPHS Marquette	Jodi McCollum	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UPHS Portage	Sarah Niemela	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MyMichigan Sault	Stephen Carlson	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MyMichigan Sault	Matt DeBrosse	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2024 RTAC Attendance	NAME	FEB	APR	OCT	DEC
MCA					
Baraga MCA	Gary Wadaga	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delta MCA	Dr. Ed Bigsby	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dickinson MCA	Scott Westman	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eastern UP MCA	Deanna Knopp	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eastern UP MCA	Nick Harrison	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gogebic Iron Ontonagon MCA	Joel Bach	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Houghton Keweenaw MCA	Pat Boberg	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Marquette Alger MCA	Dr. Mike Mlsna	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Marquette Alger MCA	Curt LeSage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schoolcraft MCA	Elizabeth Ross	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Luce (see above Helen Newberry Joy)					
EMS					
Guardian Air	Ryan Trudeau	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SONCO	Gina Kasten	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aspirus MedEvac	Bob Kirkley	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHERS					
Consumer	Gail Brandy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regional Healthcare Prepared	Ed Unger	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Regional Healthcare Prepared	Gary Gustafson	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
* trauma program & MCA					

MEETING CALENDARS

Regional Trauma Advisory Council

Regional Professional Standards Review

Regional Trauma Network

*Considerations to:
Regional MCA Network
Regional Healthcare Coalition*

2025

January							February							March							April						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4						1							1			1	2	3	4	5	
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19	20	21	22	23	24	25	16	17	18	19	20	21	22	16	17	18	19	20	21	22	20	21	22	23	24	25	26
26	27	28	29	30	31	23	24	25	26	27	28	23	24	25	26	27	28	29	27	28	29	30					
													30	31													

May							June							July							August						
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18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
25	26	27	28	29	30	31	29	30	27	28	29	30	31	24	25	26	27	28	29	30	31						

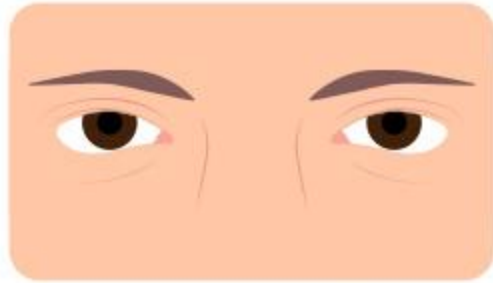
September							October							November							December								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
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28	29	30	26	27	28	29	30	31	23	24	25	26	27	28	29	28	29	30	31										

CHEST TUBES

- Placement of chest tubes
- Securing chest tubes
- Bubbling
- Troubleshooting
- The pleuravac fell over

GLASGOW COMA SCALE

EYE OPENING RESPONSE



SCALE	SCORE
EYES OPEN SPONTANEOUSLY	4
EYES OPEN TO VERBAL COMMAND OR SPEECH	3
EYES OPEN TO PAIN	2
NO EYE OPENING	1

VERBAL RESPONSE

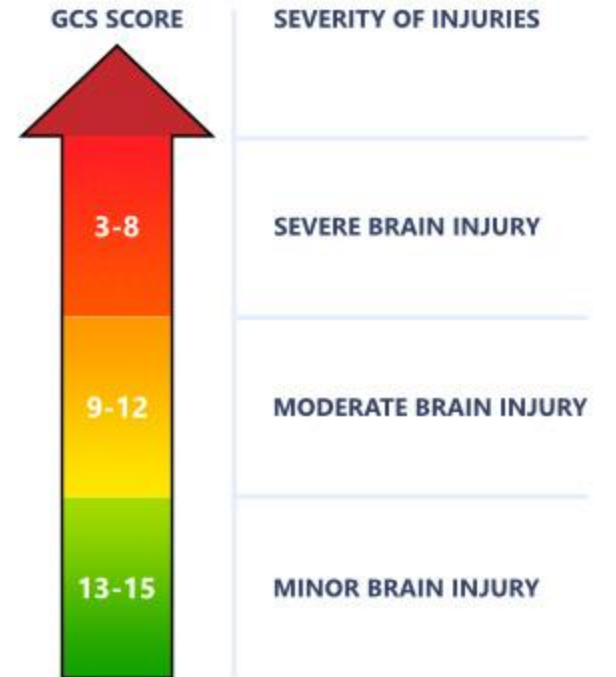


SCALE	SCORE
ORIENTATED	5
CONFUSED CONVERSATION BUT ABLE TO ANSWER QUESTIONS	4
INAPPROPRIATE RESPONSES	3
INCOMPREHENSIBLE SOUND OR SPEECH	2
NO VERBAL RESPONSE	1

MOTOR RESPONSE



SCALE	SCORE
OBEYS COMMANDS FOR MOVEMENT	6
PURPOSEFUL MOVEMENT TO PAINFUL STIMULUS	5
WITHDRAWS FROM PAIN	4
ABNORMAL FLEXION OR DECORTICATE POSTURE	3
EXTENSOR RESPONSE OR DECEREBRATE POSTURE	2
NO MOTOR RESPONSE	1



GLASGOW COMA SCALE SCORE

COLD HEALTH AND SAFETY

MICHIGAN WINTER WEATHER







This fact sheet explains some of the health risks associated with cold weather and ways you can protect yourself and your family. Read on to learn about hypothermia, frostbite, carbon monoxide poisoning, and falls.

Health Risks of Cold Weather

Hypothermia is a sickness that can happen when your body loses heat faster than it can produce it. Your body temperature drops so low that your body loses the ability to function. People are at risk of hypothermia in very cold weather, or even in cool weather if their skin is wet from water or sweating.

Signs of hypothermia include shivering, slurred speech, confusion, fumbling hands, sleepiness, and unconsciousness. Babies look bright red or have very cold skin. They may seem lifeless or very sleepy.

Frostbite is a type of injury that is caused when skin freezes because it is exposed to extremely cold temperatures. Frostbite can cause permanent damage to the body. In severe cases, the skin tissue may be so damaged that the affected body part needs to be removed (amputated).

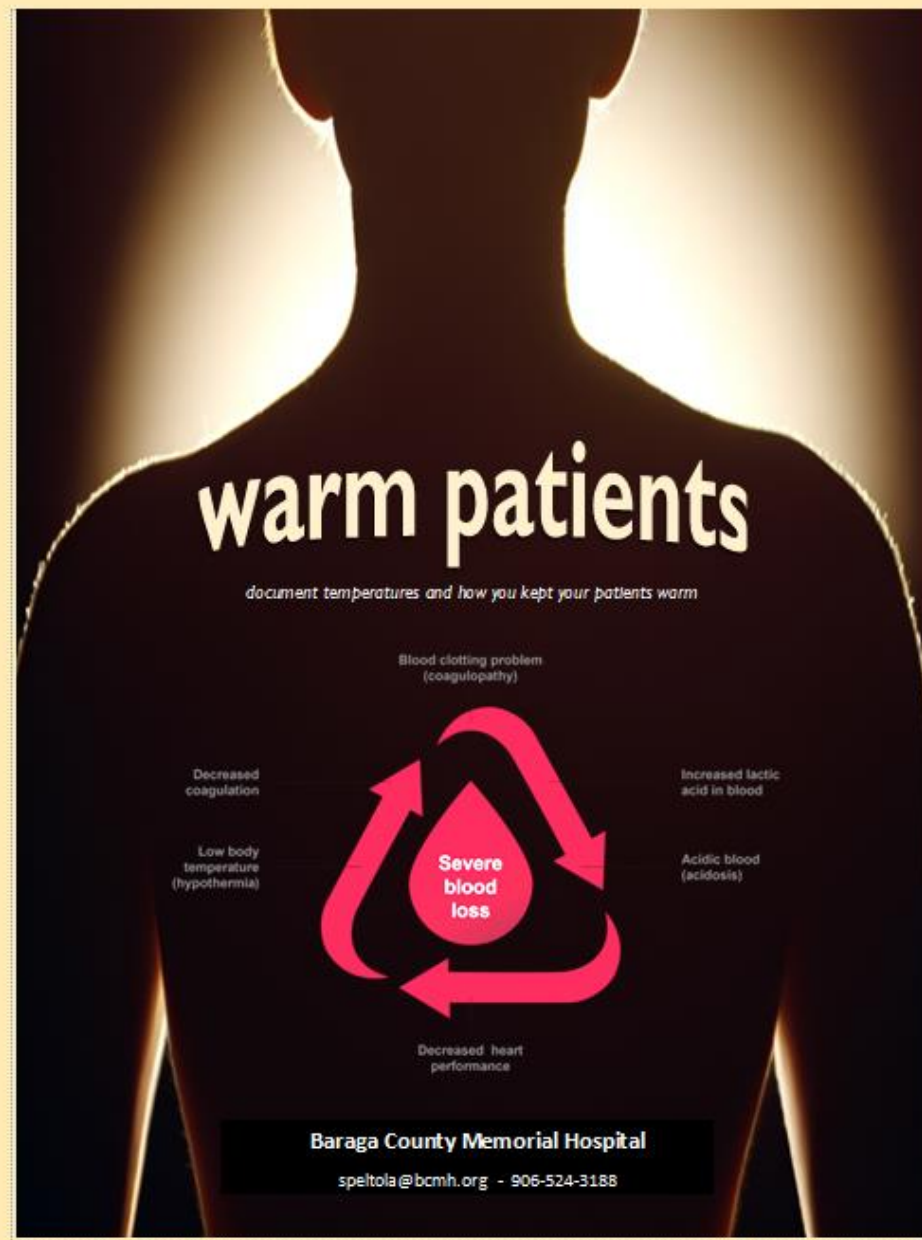
Stages of Frostbite	Prevent Hypothermia and Frostbite
<p>Frostnip: Mild frostbite. Skin may appear red and feel cold or numb.</p> 	<p>Wear a hat or headband that covers your ears.</p>  <p>Dress in several layers of loose, warm clothing.</p> <p>Wear mittens with liners instead of gloves.</p> <p>Wear socks and liners that provide insulation and remove sweat from your skin.</p> <p>Limit your time outdoors.</p> <p>Avoid alcohol and drugs.</p>
<p>Superficial Frostbite: Affected areas feel warm and tingly. Red skin turns whiter or paler.</p> 	
<p>Deep Frostbite: Skin turns white or bluish gray. Affected area will not sense cold and may feel painful. Joints and muscles may no longer function.</p> 	
<p>Note: Changes in color of affected area may be difficult to see on darker skin.</p>	

Who is most at risk for hypothermia and frostbite?

- People with poor blood circulation
- People who are not dressed warmly enough
- Older adults, especially those who do not have adequate food, clothing, or heating
- Babies sleeping in cold rooms
- People who stay outdoors for long periods of time
- People using drugs or alcohol

warm patients

document temperatures and how you kept your patients warm



Blood clotting problem (coagulopathy)

Increased lactic acid in blood

Acidic blood (acidosis)

Decreased heart performance

Low body temperature (hypothermia)

Decreased coagulation

Severe blood loss

Baraga County Memorial Hospital

speltola@bcmh.org - 906-524-3188

PEDIATRIC PATIENTS

- Case by case
- Under 12 head bleeds
- Pts needing a PICU
- Prolonged intubation
- Multi trauma case by case
- CT's

REPORTS



RIDE RIGHT



LEAD RIGHT
by riding to your
newest rider's abilities.



MICHIGAN SNOWMOBILE & ORV ASSOCIATION
MISORVA
Building the trail network for tomorrow

Michigan.gov/RideRight

SUPPORT AND TRAINING

UPPER PENINSULA RURAL BYSTANDER CARE PROGRAM

Section 402 Emergency Medical Services

CP-22-01-j Special Projects;
Awarded: \$20,000; Expended: \$0

Section 402 Emergency Medical Services

CP-22-03-w PI&E; Awarded: \$2,000;
Expended: \$1,946

BACKGROUND

A national rural bystander care training curriculum will be used to teach people to render potentially lifesaving care at the scene of a motor vehicle crash until an ambulance arrives. The \$2,000 funded under the CP-22-03-w PI&E grant is for the production and printing of the PI&E materials costs. The \$20,000 under the CP-22-01-j Special Projects grant is for supplies/operating and contractual costs.

PROJECT GOAL AND RESULT

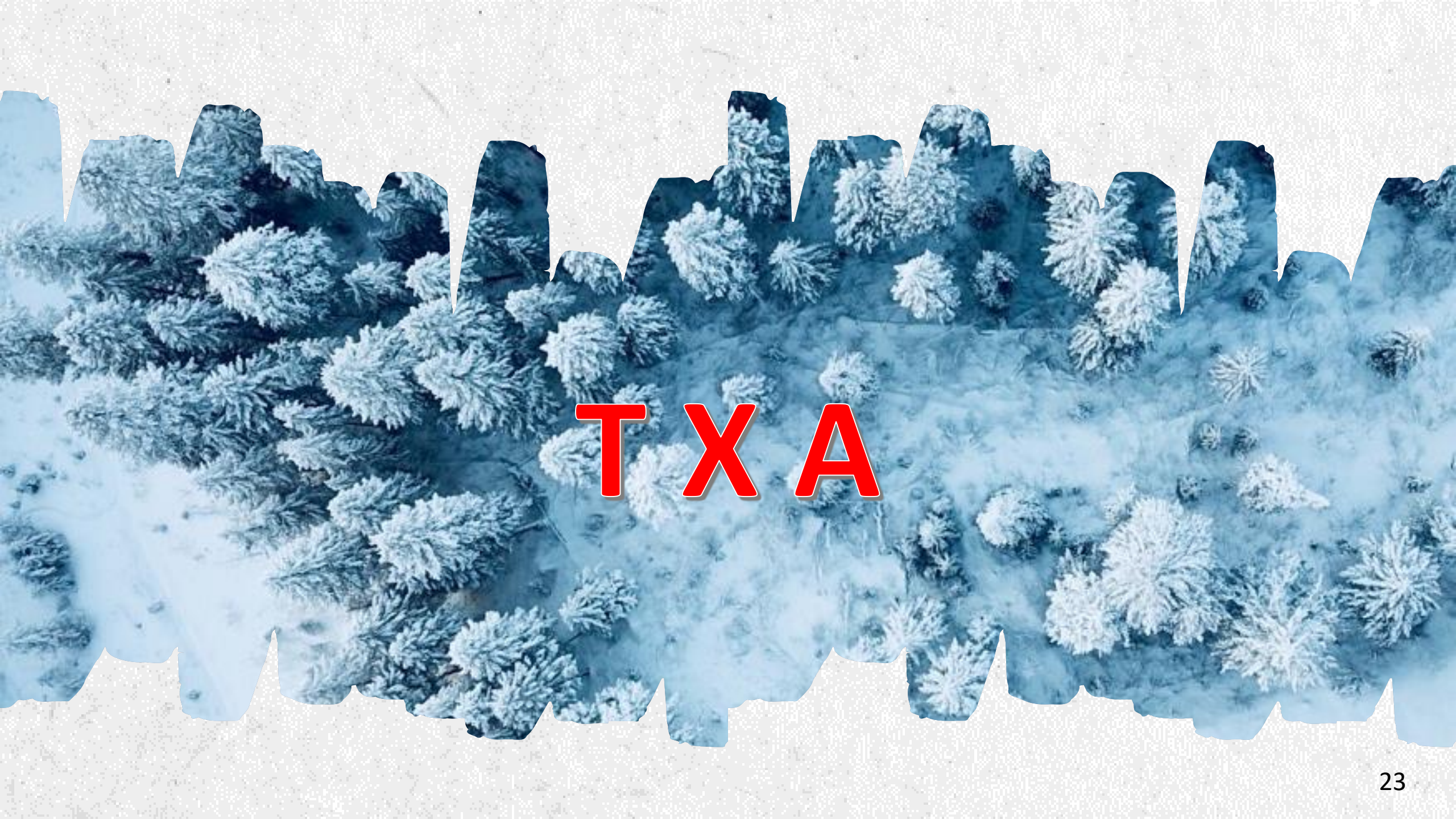
- Conduct the rural bystander care training program for 150 people in the Upper Peninsula by September 30, 2022. **Goal not achieved**

Nine volunteer instructors from across the Upper Peninsula were trained in the Until Help Arrives curriculum. The U.P. Health Systems provided a

volunteer instructor/coordinator with activities to begin in FY2023. With ongoing supply-chain issues preventing the delivery of needed items for the first aid kits, this program will be continued in FY2023.

Although the overall goal was not achieved, a full-color, 5.5- by 8.5-inch Rural Bystander Card was successfully developed and printed. The cards will accompany the first aid kits and offer helpful reminders for bystanders on what to do until help arrives.





ТХА

TQIP ANNUAL MEETING



- Jodi McCollum, PA-C

Rural Trauma: ACS rural advisory
counsel

E care virtual service

Form for secondary review

Follow up letters: 1 letter
multiple patients

Separate letters if they were
activated



thank you

WWW.R8MCA.ORG

 Lyn Nelson, R8 Trauma

 NelsonL7@michigan.gov