

# EMSC/CHILD READY CONNECTION NEWSLETTER



2020

MONTANA EMS & Trauma Systems  
 EMS for Children/Child Ready MT  
 1400 Broadway, Rm C303  
 PO Box 202951  
 Helena, MT 59620-2951

## Greetings!

The Emergency Medical Services for Children (EMSC) Program aims to ensure that emergency medical care for the ill and injured child or adolescent is well integrated into an emergency medical service system.

We work to ensure that the system is backed by optimal resources and that the entire spectrum of emergency services (prevention, emergency response, prehospital care, hospital care, inter-facility transport, and rehabilitation) is provided to children and adolescents, no matter where they live, attend school or travel.

**THE RIGHT CARE AT THE RIGHT PLACE AT THE RIGHT TIME WITH THE RIGHT RESOURCES!**

### WHAT'S NEW?

Page

Pediatric Seizure Education Modules	2
Brain Awareness Week	2
2020 MT EMS Awards Nominations OPEN	3
National Youth Violence Prevention Week	3
Pediatric Vital Signs	4
Montana Disaster and Emergency Response Training	5
Just for Kids: Comic exploring the Coronavirus	6
How to Observe Poison Prevention Week	7
Mental Illness and the Stigma	8
Congratulation to the Eureka Volunteer Ambulance Service	9
Trivia- win a SWAT -T	



**Child Ready Montana-** State Partnership For the Regionalized of Care (SPROC)

The intent of the program is to develop an ac- culturally component and assessable emergent for pediatric patients across Montana.

**Exciting news and events are going on this month**



Are you pediatric ready?

For a super easy and quick stress reliever, try [chewing a stick of gum](#). One study showed that people who chewed gum had a greater sense of wellbeing and lower stress. One possible explanation is that chewing gum causes brain waves like those of relaxed people.

Another is that chewing gum promotes blood flow to your brain. One recent study found that stress relief was



greatest when people chewed more strongly! ????

## PEDIATRIC SEIZURES EDUCATION MODULES:

EMSC partners have developed these resources for the Prehospital Medical Provider. This information can be found in the "Education & Resources" section under "Pediatric Emergency Knowledge Translation Toolkit" or by clicking the link below. Please share widely through your networks.

This resource includes 4 podcasts and 1 video for the pre-hospital provider!

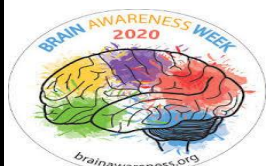
Dr. Manish Shah from Baylor College of Medicine and the CHaMP node is our content expert.

You'll find:

1. How to identify a pediatric seizure
2. ABC's of Seizure management
3. Differences and similarities between adult and pediatric seizures
4. Video: How to give intranasal medications
5. An evidence-based approach to treatment

The format is meant for on the go training between calls. Please share this link with your team:

<https://emscimprovement.center/education-and-resources/knowledge-translation-toolkit/seizures/>  
[\[emscimprovement.center\]](https://emscimprovement.center) This site will be consistently updated as content for this toolkit is created and curated based on the needs of targeted populations and conditions. So, consider this as a "soft launch" as we continue to add more fun content. Use the "Contact Us" feature on our website to provide feedback and suggestions on additional materials that you would benefit from.



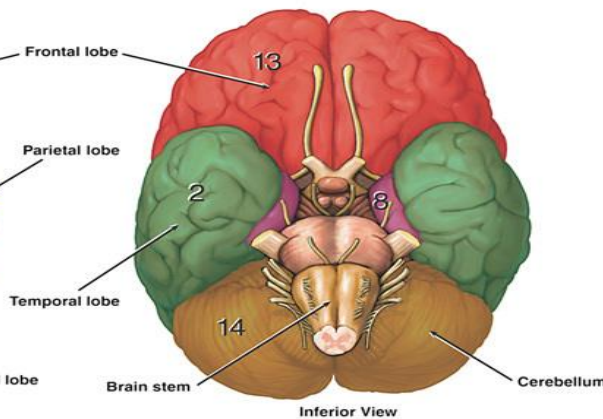
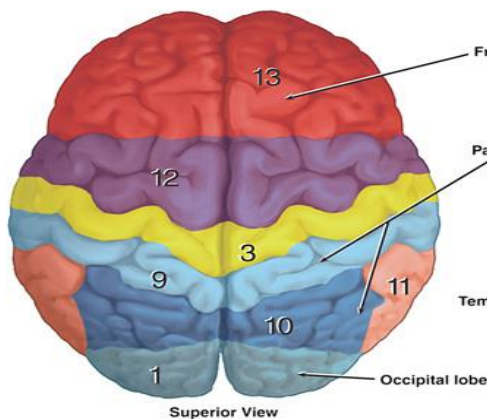
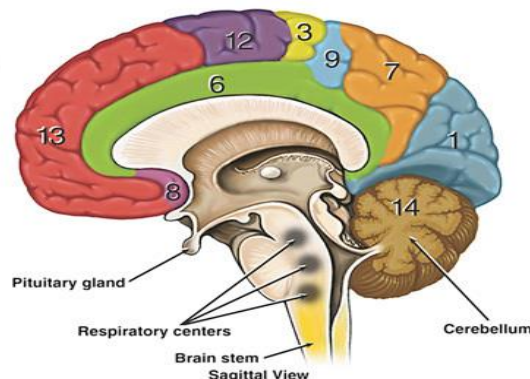
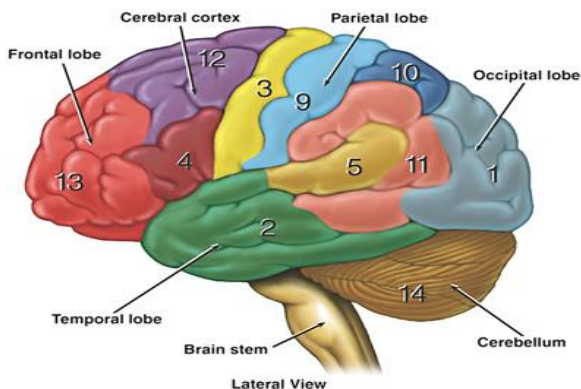
**Brain Awareness Week (BAW)** is a nationwide effort organized by the Dana Alliance for **Brain** Initiatives and the Society for Neuroscience to promote the public and personal benefits of **brain** research. The official **week** for the next BAW is March 16-22, **2020**, but any **week** is a good time to get involved. Do you remember each brain section??? And remember how important our brain is!!!

### Functional Areas of the Cerebral Cortex

- 1 **Visual Area:**  
Sight  
Image recognition  
Image perception
- 2 **Association Area**  
Short-term memory  
Equilibrium  
Emotion
- 3 **Motor Function Area**  
Initiation of voluntary muscles
- 4 **Broca's Area**  
Muscles of speech
- 5 **Auditory Area**  
Hearing
- 6 **Emotional Area**  
Pain  
Hunger  
"Fight or flight" response
- 7 **Sensory Association Area**
- 8 **Olfactory Area**  
Smelling
- 9 **Sensory Area**  
Sensation from muscles and skin
- 10 **Somatosensory Association Area**  
Evaluation of weight, texture, temperature, etc. for object recognition
- 11 **Wernicke's Area**  
Written and spoken language comprehension
- 12 **Motor Function Area**  
Eye movement and orientation
- 13 **Higher Mental Functions**  
Concentration  
Planning  
Judgment  
Emotional expression  
Creativity  
Inhibition

### Functional Areas of the Cerebellum

- 14 **Motor Functions**  
Coordination of movement  
Balance and equilibrium  
Posture



## 2020 EMS AWARD NOMINATIONS ARE OPEN!

Each year the American College of Emergency Physicians and the National Association of EMTs supports EMS Week. This is a week dedicated to recognizing the important work and outstanding people involved in the Emergency Medical System. The theme for this year's week is **EMS Strong: Ready for Today. Preparing for Tomorrow.**

EMS Providers include 9-1-1 dispatchers who are the first, first responders, often providing life sustaining directions to bystanders until the ambulance arrives. ECPs, or Emergency Care Providers, respond 24/7 to calls for help, transporting people to Emergency Departments staffed by caring nurses, physicians and other medical personnel who support efforts to improve emergency care in the field. These individuals also promote health and safety within their communities by teaching classes, hosting safety events and being good neighbors.

In 2015 the EMS and Trauma Systems section of the MT Department of Public Health and Human Services established an awards program. **The intent of this program is to recognize both a volunteer and career EMS Provider, an exceptional EMS Agency, a 911 Dispatcher, and any other individual who makes a major contribution to EMS in Montana.**

**THE RECOGNITION IS GIVEN DURING EMS WEEK IN MAY. THIS YEAR'S AWARD WINNERS WILL BE RECOGNIZED DURING A CELEBRATION IN THE CAPITOL ROTUNDA AT 10:30 AM, MAY 20TH.**

Go to [www.montanaEMS.mt.gov](http://www.montanaEMS.mt.gov) to find a nomination form. Please consider nominating someone who has impacted your life or someone in your community. Nominations are due by April 10<sup>th</sup>. If you have any questions, contact Shari Graham at [sgraham2@mt.gov](mailto:sgraham2@mt.gov) or at 406-444-6098.

Don't forget **PEDIATRICS!** Do you know of an individual who deserves an award for his/her work with the pediatric population! Just let me know.

## NATIONAL YOUTH VIOLENCE PREVENTION WEEK (MARCH 30-APRIL 3)

Students Against Violence Everywhere (SAVE) is proud to be a founding partner of the [National Youth Violence Prevention Campaign](#).

The goal of this campaign is to raise awareness and to educate students, teachers, school administrators, counselors, school resource officers, school staff, parents, and the public on effective ways to prevent or reduce youth Violence.

This weeklong national education initiative will involve activities that demonstrate the positive role young people can have in making their school and community safer. SAVE through Sandy Hook Promise serves as the crossroads to the campaign and provides countless resources to prepare for the event, including the official campaign **Action Kit** that serves as a step-by-step planning guide, suggestions for how each sector of the community can support the campaign, activity ideas, links to national organizations sponsoring the event, articles and interviews on violence prevention, and much, much more!

More information <https://nationalsave.org/NYVPW/>



## VITAL SIGNS (PEDIATRIC)

[Heart rate](#) Did you know that Heart rate tends to decrease as a child gets older. Adolescents have similar resting heart rates to healthy adults. Normal heart rates usually fall into the [following ranges](#):

<b>Age</b>	<b>Awake</b>	<b>Sleeping</b>
Under 28 days old	100–205 bpm	90–160 bpm
1–12 months old	100–190 bpm	90–160 bpm
1–2 years old	98–140 bpm	80–120 bpm
3–5 years old	80–120 bpm	65–100 bpm
6–11 years old	75–118 bpm	58–90 bpm
12–15 years old	60–100 bpm	50–90 bpm

Blood pressure levels tend to increase with height and weight, so larger children will have slightly higher blood pressures. Girls often have a slightly higher blood pressure than similarly sized boys. Pediatric blood pressure also increases with age. Very high blood pressure could signal a heart health issue. Less frequently, low blood pressure may also indicate a problem. Low blood pressure can also be a sign of unusual bleeding or infection.

For [most children](#), normal blood pressure measurements in millimeters of mercury are as follows:

<b>Age</b>	<b>Systolic</b>	<b>Diastolic</b>
Newborn (under 1,000 grams [g])	39–59	16–36
Newborn (over 1,000 g)	60–76	31–45
0–1 month old	67–84	35–53
1–12 months old	72–104	37–56
1–2 years old	86–106	42–63
3–5 years old	89–112	46–72
6–9 years old	97–115	57–76
10–11 years old	102–120	61–80
12–15 years old	110–131	64–83

**Breathing rate** -The rate at which a child breathes indicates how hard their body is working to inhale oxygen. Very rapid breathing may mean that a child is having trouble getting enough oxygen. Very slow breathing might indicate a neurological problem, such as a head injury.

[Typical breathing rates](#) are as follows:

<b>Age</b>	<b>Breaths per minute</b>
1–12 months old	30–60
1–3 years old	24–40
3–6 years old	22–34
6–12 years old	18–30
12–18 years old	12–16

## MT DISASTER AND EMERGENCY RESPONSE TRAININGS:

MGT-465- Recovering from Cyber Security Incidents

March 11-12, 2020, 08:00-17:00 both days

Missoula Emergency Services, 1220 Burlington Ave., Missoula

To register:

<https://teex.org/Pages/Class.aspx?course=MGT465&courseTitle=Recovering%20from%20Cybersecurity%20Incidents>

POC- Adriane Beck 406-258-3632 or [abeck@missoulacounty.us](mailto:abeck@missoulacounty.us)

Individual Crisis Intervention/Peer Support

April 15-16, 2020 Stockman Bank, Training Classroom, 3615 Brooks Street, Missoula

Cost- \$135 POC- Carol Burroughs 406-580-4443 or [carolatwork@montana.net](mailto:carolatwork@montana.net)

Preparedness 2020 conference

April 16, 2020 10:00-15:30

RiverStone Health, 123 South 27<sup>th</sup> Street, Billings

Link for registration: [https://www.eventbrite.com/e/preparedness-2020-in-this-together-tickets-91352960163\[eventbrite.com\]](https://www.eventbrite.com/e/preparedness-2020-in-this-together-tickets-91352960163[eventbrite.com])

POC- Jennifer Staton 406-651-6443 or [Jennifer.Sta@riverstonehealth.org](mailto:Jennifer.Sta@riverstonehealth.org)

Advanced Disaster Life Support (ADLS) Apr 17-18 at Fairmont Hot Springs Lodging will be paid by your regional Healthcare Coalition--Maximum of 50 participants Register at

<https://register3.ndlsf.org/course/view.php?id=2697>

Refer questions to Jake Brown at [Jacob.brown@mt.gov](mailto:Jacob.brown@mt.gov) or call 444-1305

Public Information and Joint Information Center Operations During Emergencies

April 28-30, 2020 08:00-17:00 daily

Missoula Emergency Services Training Center, 1220 Burlington, Missoula

To register: [Missoula.co/pio2020](http://Missoula.co/pio2020) POC- Nick Holloway 406-258-3631 or [nholloway@missoulacounty.us](mailto:nholloway@missoulacounty.us)

Principles of Emergency Management

April 29-30, 2020 08:00-17:00 both days RiverStone Health, 123 South 27<sup>th</sup> Street, Billings

POC- Charlie Hanson 406-696-2039 or [chanson@mt.gov](mailto:chanson@mt.gov)

AWR-148- Crisis Management for School-based Incidents: Partnering Rural Law Enforcement, First Responders, and Local School Systems

May 26, 2020 08:00-16:00 Circle Country Market Banquet Room, 105 10<sup>th</sup> Street, Circle, MT

Registration deadline- May 15, must include FEMA SID # To obtain- <https://cdp.dhs.gov/femasid>

POC- Keri Taylor 406-974-3505 or [mcondes@midrivers.com](mailto:mcondes@midrivers.com)

## DISASTER EXERCISES

### 1. Bighorn Mountain Foothills TTX

March 9, 2020 12:00-14:00

Bighorn County EOC- Courthouse in Hardin

POC- Tom Frieders, NWS- Billings 406-652-0851 x223 or [tom.frieders@noaa.gov](mailto:tom.frieders@noaa.gov)

### 2. Family Assistance TTX

March 16, 2020 14:00-16:00

Airport Fire and Rescue Operation Center- BLIA, Billings

POC- Charlie Hanson 406-696-2039 or [chanson@mt.gov](mailto:chanson@mt.gov)

## JUST FOR KIDS: A COMIC EXPLORING THE NEW CORONAVIRUS

Children are profoundly affected by media. This comic can help explain what's happening.

Kids, this comic is for you. It's based on a radio story that NPR education reporter Cory Turner did. He asked some experts what kids might want to know about the new coronavirus discovered in China.

To make this comic, we've used his interviews with [Tara Powell](#) at the University of Illinois School of Social Work, [Joy Osofsky](#) at the LSU Health Sciences Center in New Orleans and [Krystal Lewis](#) at the National Institute of Mental Health.

Print and fold [a zine version of this comic](#) here. Here are [directions](#) on how to fold it.

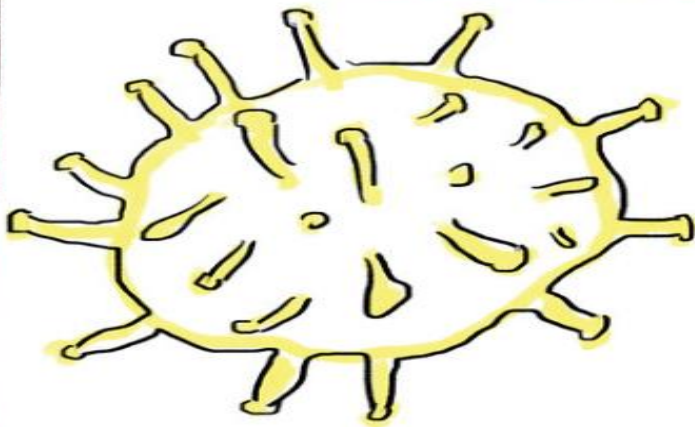
Pass this around widely to use with children. Produced by NPR with coronavirus and behavioral health experts. Post on your social media. Promote with schools and childcare.

<https://www.npr.org/sections/goatsandsoda/2020/02/28/809580453/just-for-kids-a-comic-exploring-the-new-coronavirus> [npr.org]

It's a word you might have heard  
at school or online or on T.V.



### Coronavirus Facts



- "Corona" is Latin for crown.
- Under a microscope these viruses look like a crown with spikes ending in little blobs.

# The Death of a Child: Supporting the Family

01/15/2020



How can EMS help the family after a child dies? Peter Antevy, a pediatric emergency medicine physician and EMS medical director interviews Captain Adrian Castro, who ran the tragic scene in Palm Beach County mentioned in our January 2020 article. Peter also interviews Jason Turchin, a victims' rights attorney who has vast experience in cases like these.

**Read the Article:** When a Child Dies: The Parents' Perspective

All EMS World Podcasts

Log in or register to post comments

<https://www.emsworld.com/podcast/1223918/death-child-supporting-family>

## Poison Prevention Week - March 15-21, 2020

### HOW TO OBSERVE POISON PREVENTION WEEK

1. **Memorize the Poison Control help line phone number-** It's easy to remember: **1-800-222-1222**. Save it on your smartphone. And make sure to place the number where others can easily find it. (The kitchen fridge is a good place.)
2. **"Poison proof" your home** - There are plenty of resources out there with handy lists of ways to poison proof your home.
3. **Spread the word** - Tell your families, neighbors and coworkers about poisons and how to keep themselves safe. This can be done in emails, memos, or in groups set up for this purpose on social media.

### CRITICAL THINGS YOU MUST KNOW ABOUT POISONS

#### 1. **Poisons pose a threat of widespread danger**

About 30 children die every year from being poisoned by common household items, according to the Consumer Product Safety Commission.

#### 2. **They're also a source of close calls and worry**

The Consumer Product Safety Commission also reports that accidental poisoning accounts for more than 2 million calls each year to poison control centers and more than 80,000 visits to the emergency room.

#### 3. **Effective advocacy and education can help**

National Poison Prevention Week contributed to an 80 percent reduction in poison-related deaths since the early 1970s.

#### 4. **There's a particularly ominous threat out there**

Carbon monoxide is a poisonous gas that has no color or smell. Cars, appliances, furnaces, and other household items can emit carbon monoxide.

MENTAL ILLNESS AND THE STIGMA THAT GOES WITH IT.....

**"JUST SNAP OUT OF IT."**

IS IT ANY WONDER WHY 2 OUT OF 3 PEOPLE LIVING WITH MENTAL ILLNESS SUFFER IN SILENCE?

**"MAYBE WHAT YOU NEED IS A HOBBY."**

**"YOU'RE JUST LOOKING FOR ATTENTION."**

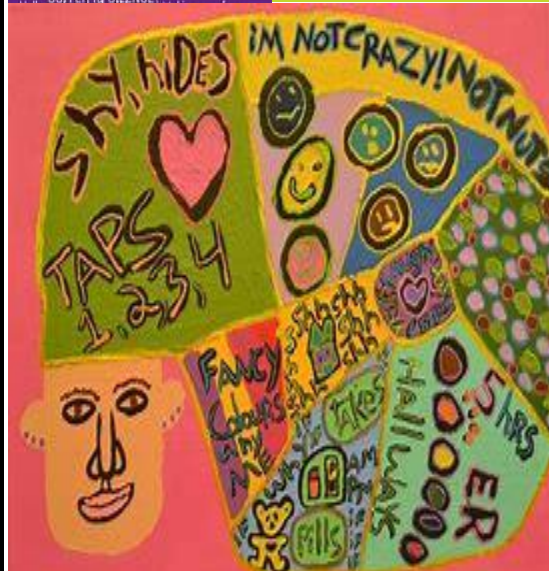
IS IT ANY WONDER WHY 2 OUT OF 3 PEOPLE LIVING WITH MENTAL ILLNESS SUFFER IN SILENCE?

Defeat denial. Help defeat mental illness. **camh**  
Centre for Addiction and Mental Health

[f](#) [t](#) @CAMHnews

**It's pronounced... [MEN-tl IL-nis] not [KREY-zee]**

**Fight Stigma**



*High Anxieties*

Just because my illness is invisible doesn't mean it's not real. It's as real as cancer.



<https://www.facebook.com/HighAnXieties>



**THINGS YOU NEED TO KNOW ABOUT MENTAL WELLBEING**

Mental illness affects 1 in 4 people in the world. 20 MILLION people in the UK are living with a mental health problem.

Mental health promotion involves ANY ACTION TO ENHANCE THE MENTAL WELLBEING OF INDIVIDUALS.<sup>7</sup>

**57%** of people with a mental health problem are not taking any medication.

**50%** of people with a mental health problem are not taking any therapy.

**76%** of people with a mental health problem are not taking any support.

**3 in 4** of people with a mental health problem are not taking any help.

**1 in 4** of people with a mental health problem are not taking any care.

**8-12%** of people with a mental health problem are not taking any treatment.

EVIDENCE SHOWS THAT MENTAL HEALTH PROMOTION CAN CONTRIBUTE TO THE PREVENTION OF COMMON MENTAL HEALTH PROBLEMS.

[www.mentalhealth.org.uk](#)

[www.nhs.uk](#)

**NHS Employers**





## CONGRATULATIONS EUREKA VOLUNTEER AMBULANCE

### SERVICE

Eureka Volunteer Ambulance Service is formally recognized as a Level IV GOLD with a Safety Plus Endorsement.

Thank you, Rachel Duram, the Eureka Pediatric Emergency Care Coordinator (PECC) for submitting the application for formal recognition and for working toward pediatric readiness!

### EMSC NEDARC ASSESSEMENT/SURVEY

Thank you to the Montana EMS Agencies across the state for answering the 2020 EMSC NEDARC Assessment/survey. All agencies who have answered the survey have or will receive the Child CPR Manikin with Monitor. Some agencies also received a box of pediatric equipment/supplies for their ambulances.

There are still services out there that have not taken the time to answer the survey. Those services still have a chance for the incentive.

Go to <https://emscsurveys.org/> if you have not yet filled out the survey.

### TRIVIA

Answer the trivia and win a SWAT-T =the first 5 to email answers to **Robin** at [rsuzor@mt.gov](mailto:rsuzor@mt.gov) **NOT** to the listserve.

1. What service has just received formal recognition?
2. What is one health awareness for March?
3. When is the 2020 MT EMS Awards Ceremony?
4. When is Poison Prevention Week?
5. What is Poison Control Hotline Number?



MONTANA  
EMS & TRAUMA  
SYSTEMS PROGRAM

EMERGENCY MEDICAL SERVICES FOR CHILDREN PROGRAM, MT DEPARTMENT OF PUBLIC HEALTH AND HUMAN SERVICES, EMERGENCY MEDICAL SERVICES & TRAUMA SYSTEMS,  
P.O. BOX 202951, HELENA, MT 59620 -  
CONTACT INFORMATION: [rsuzor@mt.gov](mailto:rsuzor@mt.gov) or (406) 444-0901

THIS NEWSLETTER IS FOR INFORMATIONAL PURPOSES ONLY