



PECC Orientation

What did I just sign up for?

TIA DICKSON RN, BSN

EMSC NURSE CLINICAL CONSULTANT

PRIMARY CHILDREN'S HOSPITAL
EMERGENCY DEPT.

Job Title



P **EECC**

Pediatric Emergency Care Coordinator

EMS FOR CHILDREN

Call-to-Action

A photograph of two young children dressed as superheroes. The child in the foreground is wearing a blue mask and a red cape over a blue shirt. The child behind them is wearing a red mask and a blue shirt. They are both looking towards the camera with serious expressions. The background is a clear, light blue sky.

Every Child Deserves a Champion!



Utah Department of
Health & Human
Services



Program Background

EMS for Children (EMSC), is a federally funded grant program housed within the Utah Department of Health & Human Services, Office of EMS and Preparedness.

It is designed to ensure that all children and adolescents, no matter where they live, attend school, or travel, receive appropriate care in a health emergency.

EMSC Staff



EMSC Program Manager
Jared Wright



Family Representative
Jeff Wilson



Lead Course Coordinator
Erik Andersen



Nurse Clinical Consultant
Tia Dickson



Medical Director
Sarah Becker

PECC Job Background

- ❖ In 2007 The IOM report "Emergency Care for Children: Growing Pains" recommends that EMS agencies and emergency departments (EDs) appoint a **Pediatric Emergency Care Coordinator (PECC)** to advocate and provide pediatric leadership for the organization.
- ❖ In 2018 having a PECC in every hospital and EMS agency in Utah became an EMSC Performance Measure
- ❖ In 2022 the ACS Committee on Trauma encourages the implementation of a PECC role in all hospitals

EMSC 02 Performance Measure *Pediatric Emergency Care Coordinator (PECC)*

The percentage of EMS agencies in the state or territory that have a designated individual who coordinates pediatric emergency care.

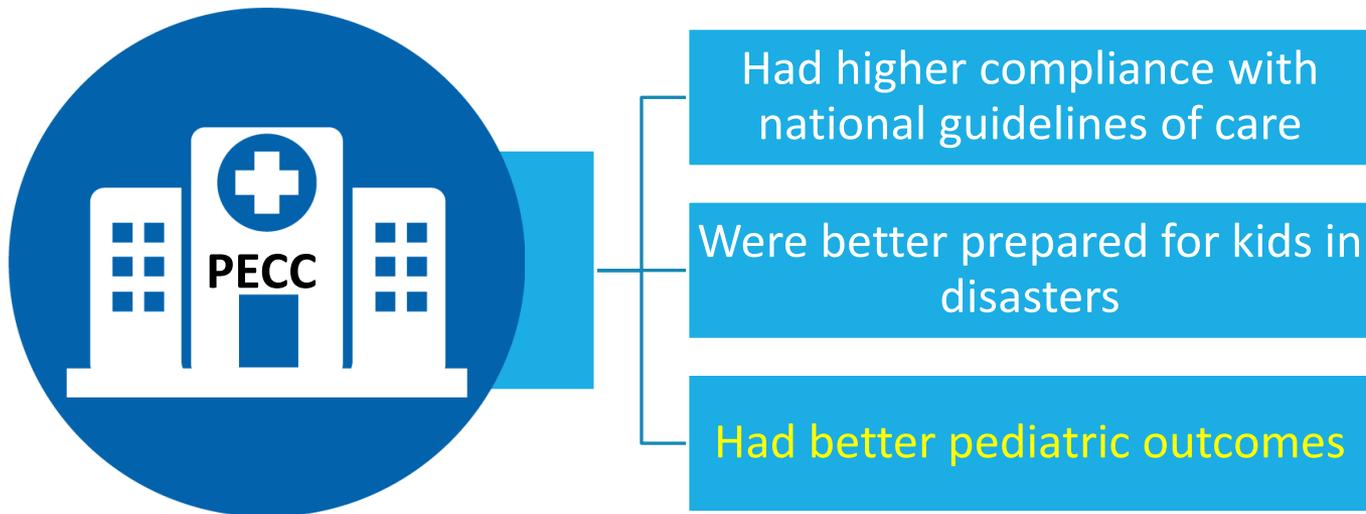
By 2020, 30 percent of EMS agencies in the state or territory have a designated individual who coordinates pediatric emergency care.

By 2023, 60 percent of EMS agencies in the state or territory have a designated individual who coordinates pediatric emergency care.

By 2026, 90 percent of EMS agencies in the state or territory have a designated individual who coordinates pediatric emergency care.

The Data

They first trialed the PECC role in 9 states and started with hospitals... In a survey done in 2013 they found that hospitals with a PECC ...



The Research

In the resource document, *Coordination of Pediatric Emergency Care in EMS Systems*, Remick et al. point out that emergency departments that have a nurse or physician PECC have a higher rate of compliance with national guidelines for the care of children than those that do not.

It is expected that EMS agencies who have a PECC would have similar results.

**RESOURCE DOCUMENT: COORDINATION OF PEDIATRIC EMERGENCY CARE
IN EMS SYSTEMS**

Katherine Remick, MD, Toni Gross, MD, MPH, Kathleen Adelgais, MD, MPH,
Manish I. Shah, MD, MS, Julie C. Leonard, MD, MPH , Marianne Gausche-Hill, MD

The conclusion of this 2017 systematic review is that an “EMS PECC facilitates the integration of pediatric needs into all aspects of EMS,” and that EMS agencies may benefit from having a PECC based upon results received from pediatric verification programs for emergency departments.



This role is also a part of the nation wide movement to become Peds Ready.

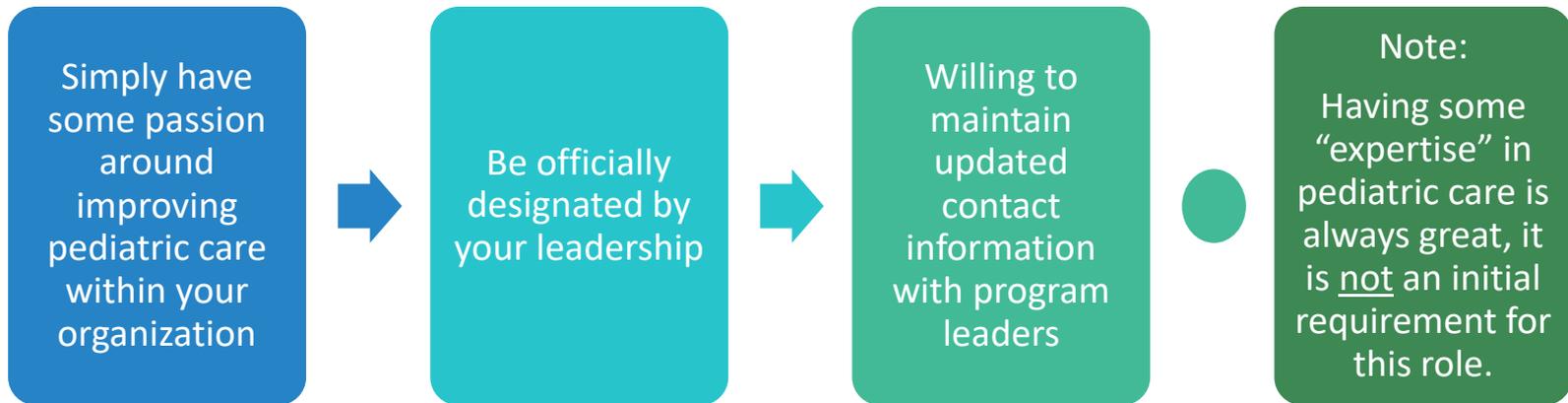
“The best way to prepare for the new pediatric standards is to identify a team member who can serve as a pediatric emergency care coordinator or PECC,” says Remick. “Research shows that having a PECC improves pediatric readiness scores by 16 points, and having a high pediatric readiness score is associated with as much as a four-fold lower rate of mortality in children.” – ACS Committee on Trauma

Job Description

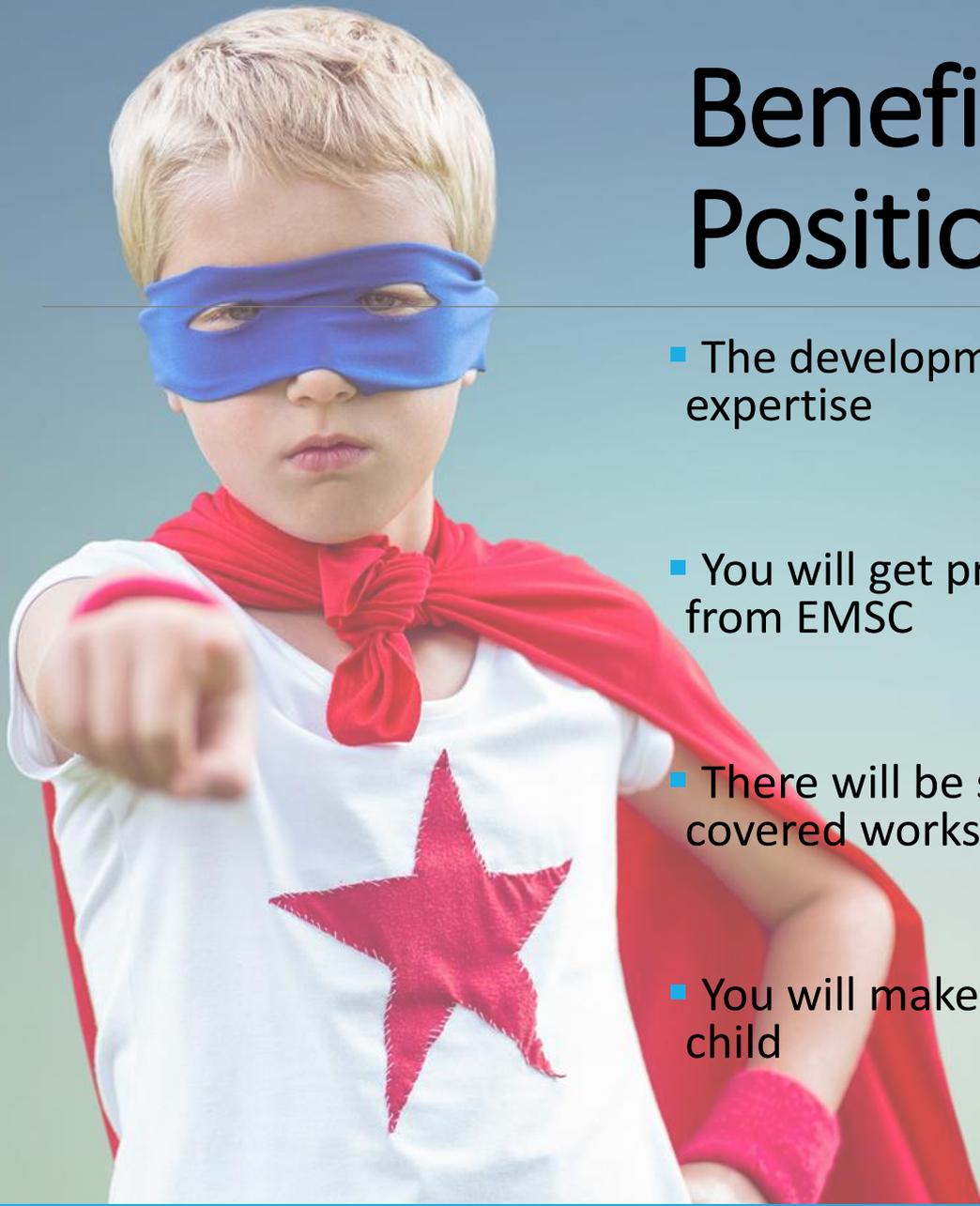
A PECC is an individual(s) who is responsible for coordinating pediatric specific activities within their agency or hospital.

- A PECC is officially designated by their organizations' leadership
 - **EMS** Agency PECCs are appointed as the agency representative in Imagetrend.
 - **Hospital** PECCs are registered as the hospital representative with the Utah Pediatric Telehealth Network and with the Utah EMSC program.
- Individual(s) who coordinates pediatric emergency care need not be dedicated solely to this role; it can be an individual(s) already in place who assumes this role as part of their existing duties.
- The Goal:
 - **EMS**
 - **Ideal:** One agency has one (or more) PECCs
 - **Acceptable:** Multiple agencies in the same region share one (or more) PECCs
 - **Hospitals**
 - **Ideal:** One hospital has both an RN and MD PECC
 - **Acceptable:** One hospital has one (or more) PECCs

Job Qualifications



We will provide resources that will enable you to gain the required expertise.



Benefits of the Position

- The development of you own pediatric expertise
- You will get priority training and resources from EMSC
- There will be swag, bragging rights and covered workshops
- You will make a difference that could save a child

You Got the Job!

Now What?



Job Responsibilities (suggestions)

Champions for the availability of pediatric medications, equipment, supplies

Promotes pediatric education

Ensures compliance with peds guidelines/protocols and QI

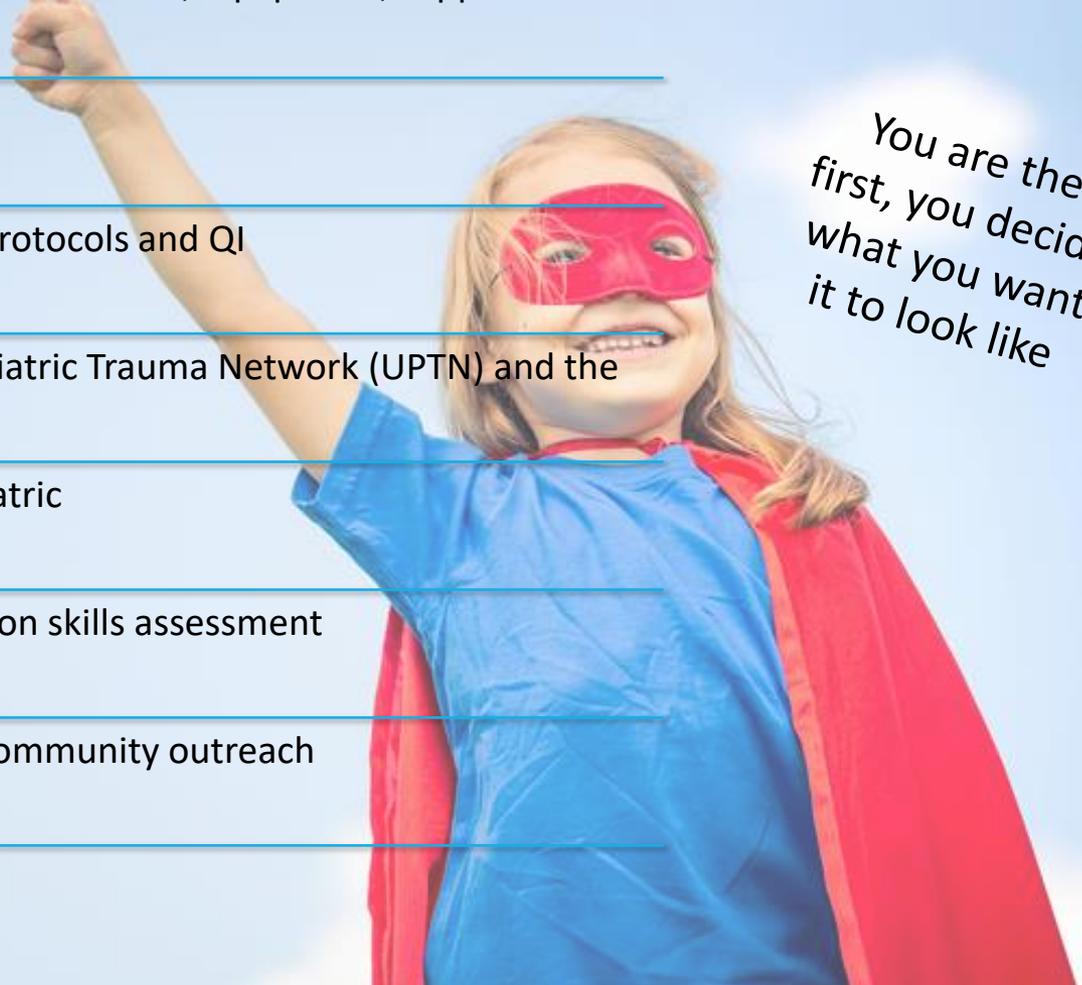
Hospital PECCs integrate with the Utah Pediatric Trauma Network (UPTN) and the Pediatric Pandemic Network

Works closely with EMSC on all things pediatric

Facilitates pediatric simulations and hands-on skills assessment

Promotes pediatric injury prevention and community outreach

Collaborates with other ER and EMS PECCs



You are the first, you decide what you want it to look like

Here's an example



Isabel Shimanski

Mountain West Ambulance

Since becoming a PECC

- Established bi-monthly pediatric specific training
- Identified the importance of appropriate pediatric equipment
- Is a strong advocate for Handtevy implementation
- She worked with the EMSC Medical Director to write a protocol for hypothermic pediatric patients in cardiac arrest
- She participates in her agency's CQI process conducting case review on pediatric patients and presenting data to the agency Medical Director, Director, and Training Officer

Barriers

Time

Pace

Equipment or cost

Attitudes

“This is just one more thing”

“This is not priority”

Buy-ins

Data

Everyone’s doing it

Solicit feedback

Make noise

Check-in

Show gratitude

Celebrate success

Where to begin...

- Do small things, set SMART goals
 - S - Specific
 - M - Measurable
 - A - Achievable
 - R - Realistic
 - T – Anchored within a Time frame
- Do what you are already do ... Assess
 - Find your pediatric gaps in training, equipment or in general.
 - Define barriers and buy-ins

Share Resources



Don't re-invent the wheel



EMSC and others have resources to share

PECC Resources 2023

- 1. Peds Courses***
- 2. Peds Education Links***
- 3. EMSC Connects***
- 4. PETOS***
- 5. Current events PECC email***
- 6. Direct Follow Up***
- 7. EMSC Google Doc Resources***
- 8. EICC and the Other 49 States***



Our Lead Course Coordinator

Can bring Pediatric Education for Prehospital Professionals (PEPP) classes to your EMS agency

Erik Andersen

eandersen@Utah.gov

801-597-7098





Our Nurse Clinical Consultant

Can link hospitals and EMS agencies to Primary Children's Hospital resources to fill pediatric education needs and she provides direct patient follow up and case reviews

Tia Dickson

tdickson@Utah.gov

801-707-3763

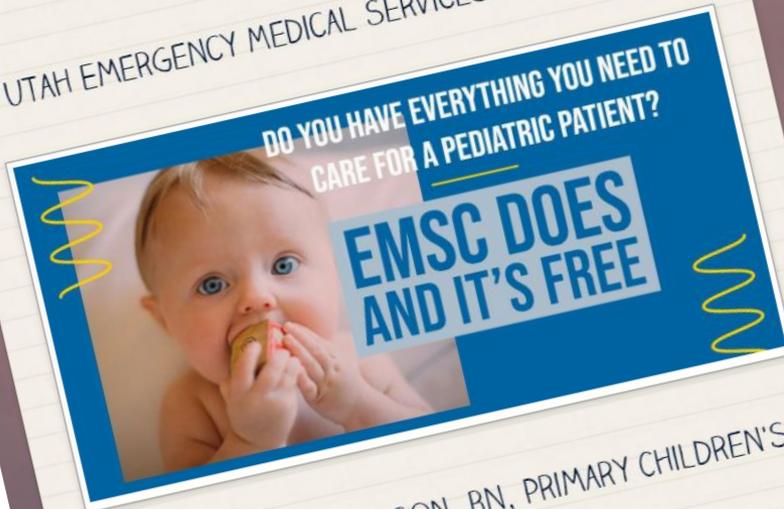


EMSC Connects Newsletter

EMSC Connects

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UTAH EMERGENCY MEDICAL SERVICES FOR CHILDREN



PEDI POINTS - TIA DICKSON, RN, PRIMARY CHILDREN'S HOSPITAL

We have recently started distributing this newsletter to all of Utah's EMTs and Paramedics. We thought this would be a good time to review the EMSC program and it's resources. Our main focus is to improve pediatric care in Utah's EMS system. We want to help you take great care of kids!

What is EMSC?

It's free, it's digital, it's monthly

It's one main way we communicate with you!

Get on our mailing list

- Google "Utah EMSC Connects"
- Find any issue
- Search for and click the Pac-Man ghost

 Follow Tia Dickson

PETOS

Pediatric Emergency and Trauma Outreach Series

This is a monthly lecture series.

Presenters are PCH MDs and experts talking directly to prehospital and rural providers.

2nd Monday of the month

Good for 1 free CME for EMS

(access both live and on archive)

Free BEMSP CME on pediatrics for EMS

Presenting
The Pediatric Emergency and Trauma Outreach Series
(PETOS) for EMS providers



Hypothermia
David Weber
With Life Flight Paramedic
February 10th, 2:00p - 3:00p



Location: 475S. 300 E. Salt Lake City, UT 84111
Salt Lake Public Safety Building, Auditorium



<https://intermountainhealthcare.org/primary-childrens/classes-events/petos>

We partner
with others
on shared
goals

EMSC * UPTN * PPN

3 Distinct Programs Working Together to Improve the Care of Pediatric Patients in Utah

Our Shared Goals

- To ensure children everywhere get the best care when they are ill or injured
- To educate medical providers on best practices
- To empower local providers to keep ill and injured children closer to home when possible
- To enhance your every day and disaster emergency response
- To improve NPRP Assessment scores throughout the state



The Utah Pediatric Trauma Network is a statewide collaborative, inclusive of all regions and hospitals in Utah, tasked with collectively implementing injury prevention initiatives, evidence-based best practices, and transfer guidelines to improve outcomes for the pediatric victims of trauma and decrease the financial and personal cost to the citizens and families of the State of Utah.



EMS for Children (EMSC) is helping to identify Pediatric Emergency Care Coordinators (PECC) at every hospital and EMS agency in Utah

- These pediatric champions coordinate pediatric specific activities within their EMS agency or hospital.
- Hospital PECCs will promote hospital participation in the National Pediatric Readiness Project (NPRP) Assessment and plan quality improvement after reviewing results.



The new national Pediatric Pandemic Network is empowering communities, providers, and responders to support children and families in everyday and disaster emergencies

NPRP Assessment scores have been linked to improved clinical outcomes. Critically ill and injured children treated in EDs with high pediatric readiness scores have lower mortality than those treated in EDs with lower pediatric readiness scores.

Current Events Email

The PECC role is integrated in hospitals with both the Utah Pediatric Trauma Network (UPTN) and the new National Pediatric Pandemic Network (PPN).

Those groups will send a frequent email to registered PECCs keeping you up to date on current pediatric trends, issues, and events

This email is sent from...

Annette Newman MS, RN, CCRN
Disaster Preparedness Consultant, Utah Hospital Association

annettenewman2020@gmail.com

Be sure she is added to your “safe contacts”

Get Direct Follow Up on Primary Children's Patients

		
<p>LYNSEY COOPER - PCH EMS LIAISON</p> <p>Contact Lynsey for basic follow up on any patient brought to the emergency department. Lynsey.Cooper@imail.org</p>	<p>LINDY KARTCHNER - PCH TRAUMA OUTREACH</p> <p>Contact Lindy for in-depth case review on trauma patients. lindy.kartchner@imail.org or 801.891.2672.</p>	<p>TIA DICKSON - PCH MEDICAL OUTREACH</p> <p>Contact Tia for in-depth case review on medical patients. tia.dickson@imail.org or 801.707.3763</p>

PDF posters with this contact information can be found attached to the newsletter, post them around your organization



Google Drive Resources

1. Staff orientation
2. Staff contact list (for any guidance you may need).
3. Education and Training Resources
 - Utah EMSC toolboxes (will earn EMS 2 free CMEs)
 - Respiratory
 - Seizure
 - Sepsis
 - Trauma (under development)
 - PEPP Classes
 - EIC Resources
 - UPTN Resources
 - PPN Resources
4. Injury Prevention
5. Logo and Signature Graphics
 - Feel free to use our logo and graphics within your role and on your signature if your organization allows

EMSC and the Other 49 States

EMSC is not just a Utah thing, this is a national organization and each state is under the same mandate to develop a PECC role within all EMS agencies and in every hospital across the nation.

Our national level EMSC has incredible resources for you as well, book mark the site below.



<https://emscimprovement.center/>

EIIC Resources

Pediatric Education and Advocacy (PEAK) Kits	EIIC Toolkits	Pediatric Training Videos and Webinars
<p>Current PEAK Options Status Epilepticus Suicide Pain Agitation</p> <p>https://emscimprovement.center/education-and-resources/peak/</p>	<ul style="list-style-type: none">• All-terrain Vehicle Safety• Coalition Building• Critical Crossroads: Pediatric Mental Health Care in the ED• Cultural Competency• Emergency Department Pediatric Performance Measures• Facility Categorization• Informed Consent• Interfacility Transfer• Parent- and Family-Centered Care• Pediatric Disaster Preparedness• Pediatric Readiness• Prehospital Education• Prehospital Pediatric Readiness• Translational Research <p>https://emscimprovement.center/education-and-resources/toolkits/</p>	<p>https://emscimprovement.center/education-and-resources/</p>

Project Suggestions - 2023

1

Define the PECC role within your agency or hospital

2

Work out sustainability for the role

3

Ensure communication between yourself and EMSC/UPTN/PPN. We encourage information exchange in both directions

4

Assess your organization for pediatric gaps, come to know what you need

Reach Out/Network

We also encourage you to reach out to other PECCs, especially those working in organizations close to yours.



EMS PECC Roster (Agencies A-P) 3/2023

Agency Name	PECC Name
American Fork Fire Rescue	Scott Slater
Beaver Ambulance Service	Stephanie Nay
Bluffdale Fire Department	PJ Goetz
Box Elder County Ambulance	Sam Yates
Brigham City Fire Department	Jeremie Poppleton
Cache County	Donelle Speth
Carbon County Ambulance	Marty Wilson
Cedar Mountain Fire Protection District	Scott Alfred
Central Box Elder Special Service Fire District	Sam Yates
Clarkston Fire and Rescue Department	Jay Downs
Classic Air Medical	April Larsen
Clinton City Fire Department	Tim Vega
Curlew Ambulance Service	Janette Skidmore
Dagget County EMS	Jeneatte Hileman
Dammeron Valley Fire & Rescue	Colleen Homer
EAST CARBON AMBULANCE	Patricia Morris
Elk Ridge City Fire Department	Heather Abbott
Emery County Ambulance	Melissa Jensen
Enterprise Fire and EMS	Brenden Moody
Ephraim Ambulance Association	Preston Nielsen
Farmington City Fire Department	Gary McCloy
Fielding Fire Department	Sam Yates
Garfield County Ambulance	Kara Owens
Garfield County Ambulance	Tammy Barton
Garland Fire Department	Lanette Sorensen
GOLD CROSS - Iron and Washington County	Cody Allen
Grand County EMS	Matthew Mccune
Grantsville Fire Department	Isabel Shimanski
Gunnison Valley Hospital EMS	Shawn Bjarnson
Helper Fire Department	John Zach Wise
Hildale Fire Department	Kevin J. Barlow
Hurricane Valley Fire SSD	Shirley Blackmore
Hyrum First Responders	Cassandra Rogowski

Agency Name	PECC Name
Juab County EMS	Mika Sperry
Kane County Ambulance	Stuart Willoughby
Kaysville City Fire Dept	Colton Bascom
Layton City Fire Department	Cyle Hall
Lehi Fire Department	Shad Hatfield
Lewiston First Responders	Lance Kingston
Logan Fire Department	Rod Tomkinson
Lone Peak Fire	Daniel Campbell
Manti Ambulance Association	Jeffery C Markworth
Mapleton Fire & Rescue	Jeremy Millet
Mendon Fire and Rescue	Angie McMurdie
Millard County Ambulance	Kim Rowell
Morgan County Ambulance	Erica White
Mountain Green Fire Protection Agency	
Mountain West Ambulance	Charlotte Rogers
Murray City Fire	Travis Bodtcher
Newton First Responders	Rod Tomkinson
Nibley First Responders	Donelle Speth
North Davis Fire District	David Youngberg
North Fork Fire Department	Mindi Neilsen
North Sanpete Ambulance Service	Angie Stewart
North Summit Fire District	Benjamin L Nielson
North Tooele Fire Dept.	Brandi L Garcia
North View Fire District	Jordan Stephens
Ogden City Fire Department	Michael Slater
Orem Fire Dept	Greg Hicken
Paradise First Responders	Kazuko Toelken
Park City Fire	Michelle Anderson
Payson Fire and Rescue	Dustin Ore
Perry City First Responders	Emily Murray
Piute County Ambulance	Warren Archer
Plain City Fire Department	Karla Larson
Pleasant Grove Fire Department	Sarah Domyan

EMS PECC Roster (Agencies P-W) 3/2023

Agency Name	PECC Name
Pleasant Grove Fire Department	Sarah Domyan
Plymouth Fire Department	Sam Yates
Provo Fire & Rescue	Leland Slaughter
Rich County Ambulance	Bret England / Sam Yates
Riverdale Fire Services	Nate Tracy
Rocky Ridge EMS	Michelle Chance / Casey Reynolds
Roy City Fire	Shane Anderson
Salem Emergency Medical Association	Marcia Ealey
Salt Lake City Fire Department	Jim Lampe
San Juan County EMS	Jeremy Hoggard
Sandy City FD	Tyson Astin
Santa Clara - Ivins Fire Rescue	Ryan Moore
Santaquin Fire/EMS	Susan B. Farnsworth
Saratoga Springs Fire & Rescue	Captain Cindy Coombs
Scipio Ambulance	Elizabeth Robison
Sevier County EMS	Mike Willits
Smithfield First Responders	Jay Downs
South Davis Metro Fire Service Area	Jeff Larsen
South Jordan City Fire Department	Michael Richards
South Ogden Fire Department	Clinton Miner
South Salt Lake Fire Department	Kaitlyn Swan
Spanish Fork Ambulance	Kristina Reid
Springville Fire & Rescue	Ryan Nicholls
St George City Fire Department	Robert Hooper
Stockton FD	Charlotte Rogers
Syracuse Fire	Kyle Nance
Thatcher-Penrose Fire Department	Sam Yates
Tremonton City Fire Department	Robert LaCroix
Trenton First Responders	Lance Kingston
Uintah Basin Medical Center EMS	Heather Richens
Uintah Fire Suppression Special Service Distri	Jeremy Raymond
Unified Fire Authority	Amanda Lawrence
University of Utah Health AirMed	Casey Coleman

Agency Name	PECC Name
Utah Navajo Health System	Daven Bennallie
Ute Tribe EMS	Bryan Perkins
Wasatch Fire District	Mike Duke
Wasatch Fire District	Tammy Graham
Washington City Fire Department	Kelly Lang
Washington Terrace Fire Department	Clayton Peterson
Wayne County EMS	Jeanie Webster
Weber County Sheriff's	Kathy Murdock
Weber Fire District	Merrill L Mcdonald III (Mike)
Wellsville First Responders	Roger Blechert
West Jordan Fire Dept.	Sean Lowe
West Valley City Fire Department	Michael Buchanan
Willard City Fire Department	Randi McKay

Hospital PECC Roster (3/2023)

RNS

Coalition Region	Trauma Level	PECC RN
Northern Region		
Bear River Valley Hospital	IV	Sam Yates
Brigham City Community	IV	Chelsie Clayburn
Cache Valley Specialty	IV	Jennifer Cullumber
Davis Hospital and MC	III	Jennifer Ward
Lakeview Hospital	III	Kim Hegeman
Layton Hospital	III	Courtney Holman
Logan Regional Hospital	III	Jack Pugsley (covering interim)
McKay-Dee Hospital	II	Irma Hinkle
Ogden Regional MC	II	
SST Region		
Alfa View Hospital	IV	Michelle Franks
Intermountain Medical Center	I	Brianna Garcia
Jordan Valley MC	III	Jennifer Ward
Jordan Valley West MC	III	
LDS Hospital	ND	Tiffany Miles
Lone Peak Hospital	ND	
Mountain West MC	IV	
Park City Hospital	IV	Kylie Kalma
Primary Children's Hospital	PED I	Tia Dickson
	PED I	Rhonda Carter
Riverton Hospital	IV	Carissa Hoffman
Salt Lake Regional MC	ND	
St. Mark's Hospital	II	Brittini Clark
University of Utah Hospital	I	Janel Cortez
Veterans Affairs MC	ND	
Uintah Basin Region		
Ashley Regional MC	IV	
Uintah Basin MC	IV	Angela Gordon
Utah/Wasatch Region		
American Fork Hospital	IV	Morgan Zdunich
Heber Valley Hospital	IV	Justine Bonner
Mountain Point MC	III	Maranda Davis
Mountain View Hospital	IV	Karena Fisher
Orem Community Hospital	ND	Kym Heslington
Spanish Fork Hospital	*	Amanda Porter
Timpanogos Regional Hospital	IV	Ashley Barney
Utah Valley Hospital	II	Shannon Smith

Central Region		
Central Valley MC	ND	Katy Osborne
Delta Community Hospital	IV	Annie Crafts
Fillmore Community Hospital	IV	Andrea Stephenson
		Taylor Copper
Gunnison Valley Hospital	ND	
Sanpete Valley Hospital	IV	Cheryl Nielson
Seiver Valley Hospital	ND	Ellen Conover
Southwest Region		
Beaver Valley Hospital	ND	
Cedar City Hospital	IV	Kimm Wilde
St George Regional Hospital	II	Janeen Avant
Garfield Memorial Hospital	ND	Kara Owens
		Tierney Richards
Kane County Hospital	ND	
Milford Valley Hospital	ND	
Southeast Region		
Blue Mountain Hospital	ND	
Moab Regional Hospital	IV	
San Juan Hospital	ND	
Castleview Hospital	ND	

Hospital PECC Roster (3/2023) MDs

Hospital Name	PECC Name
Alta View Hospital	
American Fork Hospital	Darin Willardson
Ashley Regional Medical Center	
Bear River Valley Hospital	
Beaver Valley Hospital	
Blue Mountain Hospital	Mario LaGigila
Brigham City Community	
Cache Valley Specialty	
Castleview Hospital	
Cedar City Hospital	
Central Valley Medical Center	Todd Larson
Davis Hospital	
Delta	
Dixie Regional Hospital	
Fillmore Community Hospital	
Garfield Memorial Hospital	
Gunnison Valley Hospital	
HCA Timpanogos and MVH payson	
Heber Valley Hospital	
Intermountain Logan Regional	
Intermountain Medical Center	Spencer Proctor
Jordan Valley MC & West	Brad Digney
Jordan Valley MC & West	Travis Nelson
Kane County Hospital	
Lakeview Hospital	Lenny Jensen
Layton Hospital	Jose Fullmer
LDS Hospital	
Logan Regional Hospital	Dallon Jones
Logan Regional Hospital	Gregg Marshall
Lone Peak Hospital	
McKay-Dee Hospital	Leslie Fabian
Milford Valley Hospital	
Mojab Regional Hospital	
Mountain Point MC	John Wennegren
Mountain View Hospital	
Mountain West Ambulance	
Mountain West MC	
Ogden Regional MC	
Orem Community Hospital	
Park City Hospital	
Primary Children's Hospital	Sarah Becker
Riverton Hospital	Spencer Proctor
Salt Lake Regional MC	
San Juan Hospital	
Sanpete Valley Hospital	
Silver Valley Hospital	
Spanish Fork Hospital	
St George Regional	
St. Mark's Hospital	Emma Hoffman
Timpanogos Regional Hospital	Mo Paryavi
Timpanogos Regional Hospital	Lee Trotter
Uintah Basin MC	Greg Staker
University of Utah Hospital	
Utah Valley Hospital	Dori Patterson

Every Child Deserves a Champion



Thank YOU for stepping up!

Jared Wright PM – EMSC Program Manager

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Erik Andersen PM – Lead Course Coordinator

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Tia Dickson RN, BSN – EMSC Nurse Clinical
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