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St. Vincent Hospital, and Gundersen Lutheran Medical Center

Announces

The Fourth Annual Convention of the
Wisconsin Regional Pediatric Critical Care Consortium
Pediatric Emergencies Outside the PICU

Marshfield WI May 17 2022

Phoebe Yager MD

Director of Pediatric Critical Care & Pediatric Critical Care Fellowships, Marsh General Hospital
Assistant Professor, Harvard Medical School

Will deliver the keynote Address entitled

VirtuaPICU 101:
Pre-Transport Assistance in the Resuscitation and Stabilization
of the Critically Ill Child

Scientists, physicians, trainees, nurses, dietitians, respiratory therapists, emergency room providers, and advanced practice clinicians both those who work in a PICU and those who do not are cordially invited to attend this multidisciplinary convention

The convention will showcase state-of-the-art Pediatric Critical Care and Resuscitation

- ‡ Research, QI, and clinically focused presentations
- ‡ Hands-on sessions
- ‡ An exhibit hall
- ‡ Education
- ‡ Professional development
- ‡ Fellowship & collaboration



The Fourth Annual Convention of the Wisconsin Regional Pediatric Critical Care Consortium: Pediatric Emergencies outside the PICU

Hybrid Format - Live and Virtual Options Available

Tuesday, May 17, 2022

7:30 AM	Registration
7:55 AM	Welcome and Introductions
8:00 AM	<p>ECMO from Afar and Back Home: Can We???...Should We?? [0140-0000-22-106-L01-P, Knowledge]</p> <p><i>Robert Niebler, MD, Associate Professor of Pediatrics (Critical Care), Medical College of Wisconsin, Children's Wisconsin</i></p> <p><i>Heidi Wellner, BSN, Cardiopulmonary Support Clinician, Children's Wisconsin</i></p> <ul style="list-style-type: none"> Describe the current logistics and options involved with extracorporeal membrane oxygenation (ECMO) on transport to/from referring centers Describe current patient populations that ECMO should and maybe should not be offered to Explain the ethical/legal aspects of offering versus not offering ECMO support in 2022
8:45 AM	<p>pediRES-Q Collaboration – Our Experience [0140-0000-22-107-L04-P, Knowledge]</p> <p><i>Prakadeshwari Rajapreyar, MD, Physician, Pediatric Critical Care Medicine, Children's Wisconsin</i></p> <p><i>Priti Jani, MD, MPH, Associate Professor of Pediatrics, University of Chicago Medicine, Comer Children's Hospital</i></p> <ul style="list-style-type: none"> Outline the implementation of a Quality Improvement project to improve quality of CPR and post CPR care Discuss opportunities and lessons learned
9:30 AM	<p>Beyond the ABCs of Resuscitation: Disability and Ethics [0140-0000-22-108-L01-P, Knowledge]</p> <p><i>Scott Hagen, MD, Professor to Critical Care Medicine, UW Health Kids, University of Wisconsin School of Medicine and Public Health</i></p> <ul style="list-style-type: none"> Describe the history of Cardiopulmonary Resuscitation (CPR) and the historical outcomes of cardiopulmonary arrest State the argument for tracking morbidity as an outcome after performance of CPR in cardiopulmonary arrest Discuss the four main medical ethics principles as they relate to performing CPR Explain the ethical principles in the argument for and against obtaining informed consent to perform CPR
10:15 AM	Break
10:30 AM	<p>Poster Session [0140-0000-22-109-L04-P, Knowledge]</p> <ul style="list-style-type: none"> Review evidence-based research and/or quality improvement projects and case reports
11:00 AM	<p>Virtual PICU 101: Pre-Transport Assistance in the Resuscitation and Stabilization of the Critically Ill Child [0140-0000-22-110-L04-P, Knowledge]</p> <p><i>Phoebe Yager MD, Chief, Division of Pediatric Critical Care Medicine, Massachusetts General Hospital</i></p> <ul style="list-style-type: none"> Discuss the feasibility of telemedicine to support community providers caring for critically ill and injured infants and children Review the spectrum of applications for telemedicine in pediatric critical care Outline a mental framework for how telemedicine could play a role in one's current practice Explain how telemedicine can be used in conjunction with simulation-based team training to enhance learning at a distance
12:00 PM	Lunch – Poster Viewing & Exhibit Hall Open
12:45 PM	<p>Research Abstract Review <i>*See below for further details</i> [0140-0000-22-111-L04-P, Knowledge]</p> <p><i>Matthew Oelstrom, MD, Pediatric Intensivist, Marshfield Medical Center (MMC)</i></p> <ul style="list-style-type: none"> Describe the case reports, quality improvement projects, and research submitted for presentation at the convention Review selected reports and projects



1:45 PM	<p>Breakout Sessions (Each session is 30 minutes in length, Choose 2)</p> <hr/> <p>1. <u>Ultrasound Placement of Peripheral IV's</u> <i>Melissa Urmanski, BSN, Registered Nurse, Acute-Critical Care, Pediatric Intensive Care, MMC</i> <i>Jodi Meronk, RN, Nurse Supervisor, Neonatal Intensive Care, MMC</i> <i>Kelly Nahrath, ADN, RN, Registered Nurse, Acute-Critical Care, Pediatric Intensive Care, MMC</i></p> <ul style="list-style-type: none"> Review peripheral IV catheter placement using ultrasound guidance <hr/> <p>2. <u>Quality CPR: What's the Deal?</u> [0140-0000-22-112-L01-P, Knowledge] <i>Shilpa Narayan, MD, Assistant Professor, Department of Pediatrics, Division of Critical Care, Medical College of Wisconsin/Children's Wisconsin</i> <i>Kari Rajzer-Wakeham, RN, MSN, CPNP-AC, CCRN, Pediatric Critical Care Nurse Practitioner, Advanced Practice Provider Associate Program Director, Critical Care, Medical College of Wisconsin/Children's Wisconsin</i></p> <ul style="list-style-type: none"> Define quality cardiopulmonary resuscitation (CPR) Review how to achieve quality CPR Explain why quality CPR is important <hr/> <p>3. <u>Neurally Adjusted Ventilatory Assist (NAVA) – A Novel Method of Respiratory Support</u> <i>Jenny LaPointe, RRT, RRT/NPS, Respiratory Therapist, Respiratory Therapy, MMC</i> <i>Jamie Carrigan, RRT, Manager, Cardiopulmonary Services-Hospital, Respiratory Therapy, MMC</i> <i>Paula Bettinger, RRT, Respiratory Therapist, Respiratory Therapy, MMC</i></p> <ul style="list-style-type: none"> Explain NAVA ventilation Discuss troubleshooting solutions when managing NAVA in a critical care setting <hr/> <p>4. <u>Medication Preparation in Pediatric Emergencies – Pearls and Pitfalls</u> [0140-0000-22-113-L01-P, Knowledge] <i>Angela Brenner, PharmD, Pharmacist-Senior Lead, Inpatient Pharmacy, MMC</i></p> <ul style="list-style-type: none"> Review the most commonly requested medications for use during pediatric emergencies Identify risk points in the preparation of pediatric emergency medications Discuss risk mitigation strategies to ensure the safe preparation of medications used during pediatric emergencies
2:45 PM	Break
3:00 PM	<p>A Collaborative, Retrospective Study of Pediatric Critical Illness in Wisconsin During COVID-19 <i>Matthew Oelstrom, MD, Physician, Pediatric Intensivist, MMC</i> <i>Claire Godsey, MD, Med-Peds Resident, PGY4, MMC</i></p> <ul style="list-style-type: none"> Describe the methods, results, and conclusions of the research project Pediatric Critical Illness in Wisconsin during the Epoch of COVID-19 in 2020 Discuss the changing admission trends in Wisconsin PICUs concomitant with the advent of COVID-19
3:45 PM	<p>Post Traumatic Guillain Barre Syndrome (GBS) in a Teenager: A Rare Complication [0140-0000-22-114-L01-P, Knowledge] <i>Jill Meilahn, DO, Physician, Physical Medicine & Rehabilitation, MMC</i> <i>Jennifer Roberts-Hagen, MD, MS FACS, Director, Pediatric Trauma, Trauma Education, MMC</i></p> <ul style="list-style-type: none"> Discuss that progressive weakness after trauma or surgery may be GBS Recognize that Pediatric Rehabilitation is an important aspect of trauma recovery
4:30 PM	<p>Panel Discussion/Question and Answer [0140-0000-22-115-L04-P, Knowledge] Facilitated by <i>Edward Fernandez, MD, Physician, Pediatric Intensivist, Director, Pediatric Intensive Care, MMC</i> <i>Matthew Oelstrom, MD, Physician, Pediatric Intensivist, MMC</i></p> <ul style="list-style-type: none"> Discuss pediatric emergencies outside the PICU
5:00 PM	Activity Concludes



Research Abstract Review

Abstract 10 Minute Presenters

- Carolyn K. Adams, BA, RRT, RRT-NPS, Awni M. Al-Subu, MD, Scarlett A. Dykstra, Miranda R Langkamp, RRT-NPS, Rhonda A. Yngsdal-Krenz, MBA, RRT-NPS, Zhumin Zhang, PhD, and Thomas B. Brazelton, MD, MPH, **Management of Critically Patients with Spinal Muscular Atrophy Admitted with Acute Respiratory Failure: A Fifteen-Year Single Center Experience**
- McDermott, KL; Rajzer-Wakeham, K; Andres, J; Schindler, CS. **Effect of Quality CPR Coaches on Code Teams: One PICU's Experience and Outcomes**
- Jody Huber, MD; Shelley Feng; Amber Veldman, MD; Ashley Sandeen, DO, FAAP; David Sturdevant; Gokhan Olgun, MD. **Deployment of an Early Sepsis Response System Does Not Correlate with Pediatric Early Warning Score (PEWS) in Sepsis Recognition**

Abstract 2-2-2 Presenters

- Trevor Gauthier, Drew Keopple, Ralph Vardis, Pradeep Bangalore Prakash. **Cannabis induced Catatonia presenting with stroke like symptoms in an adolescent**
- Merritt G. Tuttle, MD; Ke Yahn, PhD; Jian Zhang, PhD; Robert A. Niebler, MD. **Use of Argatroban in Pediatric Patients Supported with Ventricular Assist Devices**
- Vickren Pillay, MD, R. Gedeit, MD, others? **Variability of Risk Assessment and Management During Intrahospital Transport of Critically Ill Children**
- Regina Golding, Rudolf Braun, Lorenzo Miller, Ava Staehler, Michael Lasarev, Marlowe Eldridge, Awni Al-Subu. **IFN- γ and IL-6 response decreases at onset of acute respiratory distress syndrome in the oleic acid pediatric swine model**
- Lorenzo Miller, Regina Golding, Rudolf Braun PhD, Marlowe Eldridge MD, Tim Hacker PhD, Awni Al-Subu MD. **Volumetric Capnography as an Indirect Assessment of Cardiac Output in an Acute Respiratory Distress Syndrome Swine Model**

General Information

This convention is designed to enhance the knowledge of providers in pediatric medical emergencies with an emphasis on stabilization prior to admission to a pediatric intensive care unit.

Location

The convention will be held using a hybrid model, live in-person and virtual options are available. Live in-person attendance is the preferred format.

Live: Marshfield Clinic Health System, Robert F. Froehle Auditorium, Melvin R. Laird Building, 1000 North Oak Avenue, Marshfield, WI

Virtual: WebEx (link to be provided to registered participants only)

In case the current situation around COVID has not stabilized, MCHS reserves the right to switch the convention to a virtual only format, more details to be provided as the date approaches. Please note, those attending in person must be vaccinated.

Target Audience

This convention is intended for scientists, physicians and physicians-in-training, nurses, dietitians, respiratory therapists, emergency department and emergency medical providers, advanced practice clinicians, pharmacists, and students.



Planning Committee

Edward Fernandez, MD, Physician, Pediatric Intensivist, Director, PICU, MMC-Marshfield Children's Hospital

Matthew Oelstrom, MD, Physician, Pediatric Intensivist, PICU, MMC-Marshfield Children's Hospital

Elisabeth Hooper, MD, Physician, Pediatric Intensivist, PICU, MMC-Marshfield Children's Hospital

Neil Fernandes, MD, Physician, Pediatric Intensivist, PICU, MMC-Marshfield Children's Hospital

Balasubramanyan Napa, MD, FRCP, FAAP, Physician, Pediatric Intensivist, PICU, MMC-Marshfield Children's Hospital

Bobbie Knecht, CME Specialist Team Lead, Division of Education, Marshfield Clinic Health System

Accreditation Statement

Marshfield Clinic Health System, Inc. (MCHS) is accredited by the Wisconsin Medical Society to provide continuing medical education for physicians.

Designation of Credit Statement

Marshfield Clinic Health System, Inc. (MCHS) designates this live activity for a maximum of 7.75 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Contact Hour Statement for Allied Health Professionals



Marshfield Clinic Health System, Inc. (MCHS) is approved as a provider of continuing health education by the Wisconsin Society for Healthcare Education and Training (WISHET). Marshfield Clinic Health System, Inc. designates this activity for up to 7.75 contact hours (0.775 CEUs) of continuing education for allied health professionals.

Accreditation Council for Pharmacy Education (ACPE)



The Marshfield Clinic Health System, Inc. is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. Successful completion of this activity, as evidenced by attendance, completion of all evaluation materials, and attainment of $\geq 70\%$ score on the post-test provides the participant with an opportunity to earn 7.0 hours of continuing pharmacy credits (0.7 CEUs). Statements of Credit are no longer being mailed. ACPE credit will be awarded and uploaded to CPE Monitor[™] within 30 days of successful completion of the activity. The ACPE Universal Activity Numbers for knowledge-based activities are: 0140-0000-22-106-L01-P; 0140-0000-22-107-L04-P; 0140-0000-22-108-L01-P; 0140-0000-22-109-L04-P; 0140-0000-22-110-L04-P; 0140-0000-22-111-L04-P; 0140-0000-22-112-L01-P; 0140-0000-22-113-L01-P; 0140-0000-22-114-L01-P; 0140-0000-22-115-L04-P.

American Academy of Pediatrics (AAP)

This continuing medical education activity has been reviewed by the American Academy of Pediatrics and is acceptable for a maximum of 7.75 AAP credits. These credits can be applied toward the AAP CME/CPD Award available to Fellows and Candidate Members of the American Academy of Pediatrics.

Commission on Accreditation for Prehospital Continuing Education (CAPCE)

This CE activity is accredited for 7.25 Advanced and 0.5 Basic CEH by Marshfield Clinic Health System, Inc., an organization accredited by Commission on Accreditation for Prehospital Continuing Education.

Continuing Respiratory Care Education (CRCE)®

This program has been approved for 7.75 contact hours Continuing Respiratory Care Education (CRCE) credit by the American Association for Respiratory Care, 9425 N. MacArthur Blvd, Suite 100, Irving TX 75063. Course #187506000

Claiming Credit

To receive continuing education credit, you must complete the program evaluation, which will be emailed to you following the activity.



Faculty Disclosure

In accordance with the Standards of the Wisconsin Medical Society, all those who are in a position to affect content of this CME activity (including activity directors, planning committee, speakers, and CME staff) are required to disclose financial relationships with any ineligible companies related to the subject matter of this activity. Such disclosures will be made available on the day of the activity so that participants may formulate their own judgments regarding the presentation.

As a provider of CME credit, it is MCHS's responsibility to ensure that its accredited activities provide information, findings, and recommendations to its audiences that are based on accepted and sound scientific principles (evidence-based medicine). In addition, MCHS has safeguards in place to identify and eliminate any commercial bias from CME activities.

Disclosure of Commercial Support

At the time of printing, no activity funding has been secured. Any activity funding through educational grants will be disclosed at the conference.

Handouts

In an effort to be more environmentally friendly, the conference handouts will be emailed to registered participants in a PDF format prior to the conference.

Sponsored by

This activity is sponsored by Marshfield Clinic Health System, Inc. in association with Children's Wisconsin, American Family Children's Hospital, HSHS St. Vincent Hospital, and Gundersen Lutheran Medical Center.

Registration

Advanced registration is required. The registration fee for live in-person participants includes continuing education credits, continental breakfast, lunch, breaks, and all electronic course materials. Meal functions are intended for conference participants only. The registration fee for virtual participants includes continuing education credits and all electronic course materials. You will receive confirmation within two (2) weeks of registering.

Registration Fees

Cost for physicians attending live/in-person: \$100

Cost for students, trainees, and others attending live/in-person: \$50

*An additional \$25 fee will be added for anyone who registers on or after May 3, 2022.

Awaiting Approval to Attend?

If your registration is dependent upon approval from your agency, please do not hesitate to register now. You may cancel your registration without penalty until May 3, 2022.

Cancellation Policy

For cancellations received between May 4, 2022 and May 10, 2022, a refund of your registration fee less a \$25 administrative fee will be provided. No refunds will be given on or after May 11, 2022.

To cancel, call 1-866-894-3622, ext. 9-3776.

MCHS reserves the right to cancel the conference for any reason. Registration fees will be refunded if MCHS cancels the event.

How to Register

[Online here.](#)

Phone: 1-866-894-3622, option 1 and pay by MasterCard®, VISA®, American Express®, or Discover®

Or, return your completed registration form via:

Email: esser.tanya@marshfieldclinic.org

Fax: 715-389-3770



Accommodations

A block of rooms has been reserved at the Hampton Inn Suites Marshfield, 400 W. Upham St., Marshfield, WI 54449. Located 0.4 miles from the convention. Reference the below information when making a reservation, all rooms must be reserved by April 16, 2022 to receive the discounted rate.

To Reserve a Room

Call: (715) 207-0295

Group Name: 4th Annual Wisconsin PICU Convention

Date: May 16th and/or May 17th

**Cancellations must be within 72 hours of the check in date to receive a full refund*

Further Information

Requests for further information should be directed to Tanya Esser, Training Assistant Senior, Marshfield Clinic Health System, CME at esser.tanya@marshfieldclinic.org, 715-389-3776 or 1-866-894-3622, ext. 9-3776.



The Fourth Annual Convention of the Wisconsin Regional Pediatric Critical Care Consortium
Pediatric Emergencies outside the PICU

Live: Marshfield Clinic Health System, Robert F. Froehlke Auditorium, Laird Building, 1000 North Oak Avenue, Marshfield, WI

Virtual: WebEx (link to be provided to registered participants only)

Name: _____ Degree: _____
(Please print)

Organization name: _____

Mailing address: _____

City: _____ State: _____ Zip: _____

Daytime phone: _____ Fax: _____

E-mail address: _____

NABP E-Profile ID: _____ DOB (MM/DD): _____

Dietary Restrictions: _____

Please select 2 workshops to attend:

- Ultrasound Placement of Peripheral IV's
Quality CPR: What's the Deal?
Neurally Adjusted Ventilatory Assist (NAVA) – A Novel Method of Respiratory Support
Medication Preparation in Pediatric Emergencies – Pearls and Pitfalls

Registration Fees

Advanced registration is required. The registration fee includes continuing education credits and all electronic course materials. You will receive confirmation within two (2) weeks of registering.

PHYSICIANS

\$100 _____ After May 3, 2022: \$125 _____

ATTENDING (PLEASE SELECT ONE):

Live/In-Person _____ Virtual _____

*Limited seating available

STUDENTS, TRAINEES, & OTHERS

\$50 _____ After May 3, 2022: \$75 _____

Please circle payment type:

MasterCard® Visa® American Express® Discover® Check

Make check(s) payable to: Marshfield Clinic Health System, Inc.

If you are paying by Visa®, MasterCard®, American Express®, or Discover®, please print below the name as it appears on the card and include account number and expiration date.

Print Name: _____ Account #: _____

Signature : _____ Expiration Date: _____

Return completed form and payment to:
Marshfield Clinic Health System, Inc. (MCHS)
Conference Registration – GR
1000 North Oak Avenue
Marshfield, WI 54449-5777
Phone: 715-389-3776
Fax: 715-389-3770