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Upcoming Trauma Meetings

- Trauma Executive Board
Wednesday, December 8th
8:30am – 10:30am
Trauma Conference Room
- TPIPS/Physician Peer Review
Wednesday, December 21st
7:00am – 8:30am
ED-137 & ED-138
- Trauma 2nd E-Board
CANCELLED

For more information on Trauma Conferences external to NCH, please [click here.](#)

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Trauma Program
X26519

[Trauma Program Home Page](#)

The 3rd Annual Pediatric Trauma Society Scientific Meeting was held on November 11 – 12th in Nashville, TN.

The 1st Annual PTS Pre-conference was held on November 10th.



Representing Nationwide Children's Hospital in PTS leadership positions are:

- ❖ Jonathan Groner, MD – Elected as President of PTS for 2016-2017 (Served as President-Elect 2015-2016)
- ❖ Lee Ann Wurster, RN – Serving 2nd year of 2 year term as PTS Treasurer
- ❖ Carla Coffey, RN (Chair), Kathy Haley, RN, Lee Ann Wurster, RN, and Tara Pepple, RN served as committee members for the 1st pre-conference of the PTS Scientific Meeting
- ❖ Rajan Thakkar, MD & Kathy Haley, RN – Membership Committee Chairs

PTS Pre-Conference

Something new was added to the annual Pediatric Trauma Society conference in Nashville, Tennessee this year! Based on feedback from nurses attending the PTS conference in previous years (including nurses from our PICU), a pre-conference session was offered on November 10th with a focus on nursing and allied health.

The morning session was titled “Best Practices for Trauma Program leadership” and included presentations on avoiding pitfalls in ACS pediatric site surveys, celebrating successful site surveys, pros and cons of having a trauma nurse leader program, and the value of video reviews for performance reviews. The afternoon session was titled “Clinical Challenges for Pediatric Trauma Care” and focused on topics of interest to nurses in the clinical setting. Presentations included opportunities to learn about autonomic storming in the TBI patient, advances in pediatric burn care, traumatic amputations, pediatric victims of violence, best practices for abuse screening, and cognitive rest after concussions. The speakers were all enthusiastic about having the opportunity to speak at this inaugural pre-conference day. Dr. Eric Sribnick, an NCH neuro surgeon was one of the speakers.

Attendance at this event was excellent – almost 150 people attended – and there are plans to make it a regular part of the conference in the future by extending the PTS conference to 3 days.

Along with nurses from trauma centers across the nation, the pre-conference planning committee included several nurses from Nationwide Children's Hospital: Carla Coffey as a co-chair, Tara Pepple (PICU), Kathy Haley, and Lee Ann Wurster.

Trauma Talk

Center for Pediatric Trauma Research Update

NCH Researchers and Clinicians Make a Big Impact at PTS Meeting

The NCH Trauma Team – including both clinicians and researchers from the Center for Pediatric Trauma Research – made major contributions to the recent 3rd annual Pediatric Trauma Society Meeting. This event provided national and international exposure for the CPTR and Nationwide Children's Hospital in a number of ways, including oral and poster presentations and an information booth. The booth highlighted NCH trauma related publications, trauma related smart phone apps, and current virtual reality projects.

In the oral presentation category, medical student Kylie Bushroe won the Tepas award in the non-physician category for her presentation on increases in pediatric mental health diagnoses after injury. Lee Ann Wurster and Jin Peng gave podium presentations on improving major resuscitation performance and undertriage of trauma patients respectively.

There were seven posters from CPTR on a variety of topics, check out the list below.

Congratulations to everyone for your contributions to the scientific sessions at PTS!



PTS Presentations

Several members of the NCH Trauma Team made significant contributions to the 3rd Annual PTS conference. The following is a list of abstracts and posters that were presented by NCH, along with the Trauma Team Members who contributed. If you are interested in further information on any abstract, please click the title to be directed to the PTS website.

Oral Presentations:

[Nonoperative versus Operative Management of Pediatric Type 1 Open Forearm Fractures: A Retrospective Review](#)

David A. Goss Jr. DO, Andrew Mundy, MD, **Julie Balch Samora MD, PhD**, Allan Beebe, MD, Kevin Klingele, MD5, Walter Samora, MD. *Nationwide Children's Hospital, Department of Pediatric Orthopaedic Surgery, Columbus, OH, USA.*

[The Relationship Between Severe Injury and Mental Health in a Pediatric Managed-Medicaid Population](#)

Kylie M. Bushroe, BS³, Erinn M. Hade, PhD³, Tara A. McCarthy, BSPH¹, Jeff Bridge, PhD^{2,3}, Julie C., Leonard, MD, MPH^{1,3}.
¹Center for Injury Research and Policy, Columbus, The Research Institute at Nationwide Children's Hospital, OH, USA, ²Center for Innovation in Pediatric Practice, The Research Institute at Nationwide Children's Hospital, Columbus, OH, USA, ³The Ohio State University College of Medicine, Columbus, OH, USA.

[Standardizing the initial resuscitation of the trauma patient with the Primary Assessment Completion Tool \(PACT\) using video review](#)

Lee Ann Wurster MS, RN, CPNP¹, Rajan Thakkar, MD², Jonathan Groner, MD³.

¹Nationwide Children's Hospital, Columbus, Ohio, USA, ²Nationwide Children's Hospital, Columbus, Ohio, USA, ³Nationwide Children's Hospital, Columbus, Ohio, USA

[Undertriage of Pediatric Major Trauma Patients in the United States](#)

Jin Peng, MD, MS^{1,2}, Krista Wheeler MS¹, Jonathan I. Groner, MD^{1,3,4}, Kathryn J. Haley, MS, BSN, RN⁴, Huiyun Xiang, MD, MPH, PhD^{1,2,3}.

¹Center for Pediatric Trauma Research, The Research Institute at Nationwide Children's Hospital, Columbus, OH, USA, ²The Ohio State University College of Public Health, Columbus, OH, USA, ³The Ohio State University College of Medicine, Columbus, OH, USA, ⁴Trauma Program, Department of Pediatric Surgery, Nationwide Children's Hospital, Columbus, OH, USA.

Trauma Talk

PTS Presentations Cont.

Poster Presentations:

Emergency Medical Services (EMS) versus Non-EMS Transport of US Pediatric Trauma Patients

Michelle M. Corrado, BS¹, Junxin Shi, MD, PhD^{2,3}, Krista K. Wheeler, MS^{2,3}, Jin Peng, MD, MS^{2,3}, Brian Kenney, MD⁴, Sarah A. Johnson, BA^{2,3}, Huiyun Xiang, MD, MPH, PhD^{1,2,3}.

¹Ohio State University College of Medicine, Columbus, OH, USA, ²Center for Pediatric Trauma Research, The Research Institute at Nationwide Children's Hospital, Columbus, OH, USA, ³Center for Injury Research and Policy, The Research Institute at Nationwide Children's Hospital, Columbus, OH, USA, ⁴Department of Pediatric Surgery, Nationwide Children's Hospital, Columbus, OH, USA.

Factors Associated with Mortality from Pediatric Blunt Liver Trauma in a State Trauma System

Jonathan I. Groner, MD¹, Thant Ko Ko, BS², Allison Ertl, MS², Sergey Tarima, PhD², Laura D. Cassidy, PhD².

¹Nationwide Children's Hospital and The Ohio State University College of Medicine, Columbus, Ohio, USA, ²The Medical College of Wisconsin, Milwaukee, WI, USA

Analysis of Alcohol and Drug Screening Results in Adolescent Trauma Alerts at a Level 1 Pediatric Trauma Center

Dana L. Noffsinger, CPNP-AC^{1,2}, LeeAnn Wurster, RN, MS, CPNP^{1,2}, Krista Wheeler, MS^{2,3}, Junxin Shi, MD, PhD^{2,3}, Huiyun Xiang, MD, MPH, PhD^{2,3,4}, Jonathan I. Groner, MD, FAAP^{1,2,3,4}.

¹Trauma Program, Department of Pediatric Surgery, Nationwide Children's Hospital, Columbus, OH, USA, ²Center for Pediatric Trauma Research, The Research Institute at Nationwide Children's Hospital, Columbus, OH, USA, ³Center for Injury Research and Policy, The Research Institute at Nationwide Children's Hospital, Columbus, OH, USA, ⁴The Ohio State University College of Medicine, Columbus, OH, USA.

Pediatric Trauma and Burn Patient Unplanned 30 Day Readmissions

Krista K. Wheeler, MS^{1,2}, Junxin Shi, MD, PhD^{1,2}, Huiyun Xiang, MD, MPH, PhD^{1,2,3}, Rajan K. Thakkar, MD^{1,3,4}, Jonathan I. Groner, MD^{1,3,4}.

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RE:FINE NEISS: A Real-time Interaction Search System for Consumer Product-related Injury ED Visits in United States of America

Huiyun Xiang¹, Krista K. Wheeler¹, Soheil Moosavinasab², Jeremy Patterson², Robert Strouse², Yungui Huang², Simon M. Lin².

¹Center for Pediatric Trauma Research and Center for Injury Research and Policy, The Research Institute at Nationwide Children's Hospital, Columbus, Ohio, USA, ²Research Information Solutions and Innovation, The Research Institute at Nationwide Children's Hospital, Columbus, OH, USA.

An effective method of teaching in a busy PICU

Lori J. Humphrey RN, MSN.

Nationwide Children's Hospital, Columbus, OH, USA

Global Trauma-related Mortality in Children and Adolescents

Zhenkun Wang, MSc^{1,2,3}, Chuanhua Yu, PhD^{1,4}, **Huiyun Xiang, MD, MPH, PhD^{2,3}**

¹School of Public Health, Wuhan University, China; ²Center for Pediatric Trauma Research, Nationwide Children's Hospital, Columbus OH; ³Center for Injury Research and Policy, The Research Institute at Nationwide Children's Hospital, Columbus OH; ⁴Global Health Institute, Wuhan University, China

