PECARN STUDIES

- Fluid Therapy and Cerebral Injury in Pediatric Diabetic Ketoacidosis
- Intravenous Magnesium for Sickle Cell Vasoocclusive Crisis
- Emergency Department Screen for Teens at Risk for Suicide
- Hypothermia for Pediatric Cardiac Arrest
- Use of Lorazepam for Pediatric Status Epilepticus
- RNA Biosignatures: A Paradigm Change for the Management of Young Febrile Infants
- Improving the Quality of Pediatric Emergency Care Using an Electronic Medical Record Registry and Clinician Feedback
- Age Specific Screen for Ethanol and Substance Status
- Impact of Emergency Department Probiotic Treatment of Pediatric Gastroenteritis (Probiotics Study)
- Traumatic Injury Clinical Trial Evaluating Tranexamic Acid in Children: A Pilot and Feasibility Study
- Pediatric Sepsis Registry, Clinical Outcomes, and Prediction Model

PECARN is supported by the Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau (MCHB), Emergency Medical Services for Children (EMSC) through the following grants:

- DCC     U03MC00008    University of Utah
- GLEMSCRN U03MC00003    Nationwide Children's Hospital
- HOMERUN U03MC22684    Cincinnati Children’s Hospital Medical Center
- PEM-NEWS U03MC00007    Columbia University Medical Center
- PRIME    U03MC00001    University of California Davis Medical Center
- SW NODE  U03MC28845    University of Arizona Health Sciences Center
- WBCARN  U03MC00006    Children's National Health System

MCHB/HRSA Contact: Diane Pilkey, RN, MPH
DNPilkey@hrsa.gov

PECARN INVESTIGATORS

James Chamberlain, MD
James Chamberlain is the Principal Investigator of the WBCARN node. He is Professor of Pediatrics and Emergency Medicine at George Washington University and the Division Chief of Emergency Medicine at Children’s National Health System.

Peter Dayan, MD, MSc
Peter Dayan is the Principal Investigator of the PEM-NEWS Node. He is the Associate Director and Fellowship Director in the Division of Pediatric Emergency Medicine at the Morgan Stanley Children’s Hospital, Columbia University Medical Center.

J. Michael Dean, MD, MBA
Michael Dean is the Principal Investigator of the Data Coordinating Center for PECARN and the H.A. and Edna Benning Presidential Professor of Pediatrics at the University of Utah School of Medicine. He is also the Division Chief of Pediatric Critical Care.

Nathan Kuppermann, MD, MPH
Nathan Kuppermann is the Principal Investigator of the PRIME node. He is a Professor of Emergency Medicine and the Bo Tomas Brofeldt Endowed Chair of the Department of Emergency Medicine at the University of California, Davis School of Medicine.

Kurt Denninghoff, MD
Kurt Denninghoff is the Principal Investigator of the SW Node and the Arizona HEDA at UAHSC. He is an endowed professor of Emergency Medicine, Associate Head of Emergency Medicine, and Associate Director of the Arizona Emergency Medicine Research Center -Tucson.

Richard Ruddy, MD
Richard Ruddy is the Principal Investigator of the HOMERUN Node. He is the Director of the Division of Emergency Medicine at Cincinnati Children’s Hospital Medical Center and Professor of Pediatrics at the University of Cincinnati College of Medicine. Dr. Ruddy serves as chair of the PECARN steering committee.

E. Brooke Lerner, PhD
E. Brooke Lerner is the Principal Investigator of the CHaMP E-RNC node. She is a professor of emergency medicine and pediatrics at the Medical College of Wisconsin.

Rachel Stanley, MD, MHS
Rachel Stanley is the Principal Investigator of the GLEMSCRN Node. She is Division Chief of Emergency Medicine at Nationwide Children’s Hospital & Associate Professor of Pediatrics at The Ohio State University.
PECARN is comprised of six Research Nodes, an EMS Research node containing three EMS Affiliates, and a Data Coordinating Center. Each of the six research nodes has three Hospital Emergency Department Affiliates and one EMS Affiliate.

The PECARN hospitals represent diverse demographic and geographic areas and include:

- Academic hospitals
- Urban hospitals
- Children’s hospitals

The PECARN network Emergency Departments serve approximately 1.1 million acutely ill and injured children every year and the 9 EMS affiliates account for more than 65,000 pediatric runs annually.

PECARN is a project of the Health Resources and Services Administration/Maternal and Child Health Bureau’s (HRSA/MCHB) Emergency Medical Services for Children (EMSC) Program. The goal of this network is to conduct high priority, multi-institutional research into the prevention and management of acute illnesses and injuries in children and youth of all ages.

PECARN is the first and only federally-funded pediatric emergency medicine research network.

PECARN provides the leadership and infrastructure needed to promote multi-center studies, support research collaboration among EMSC investigators, and promote informational exchanges between EMSC investigators and providers.