PECARN Studies

- Fluid Therapy and Cerebral Injury in Pediatric Diabetic Ketoacidosis
- ED-Initiated School-Based Asthma Medication Supervision
- Implementation of the PECARN TBI Prediction Rules for Children Using Computerized Clinical Decision Support
- Emergency Department Screen for Teens at Risk for Suicide
- Hypothermia for Pediatric Cardiac Arrest
- 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
- Evaluating Tranexamic Acid in Children: A Pilot and Feasibility Study
- Pediatric Sepsis Registry, Clinical Outcomes, and Prediction Model
- Development of Pediatric C-Spine Injury Risk Assessment Tool

PECARN Investigators

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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.

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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.

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.