

Nursing Research at The Children's Hospital

Active Research Studies

Updated 1/11

INVESTIGATOR(S)	DEPARTMENT	PROJECT TITLE
Allen, G., Mudd, P., Valdez, S., & Perkins, J.	Cleft Palate Clinic	Early Intervention with Mandibular Distraction Osteogenesis in Neonates with Airway Obstruction-
Allen, G., Wudel, J., Valdez, S., & Perkins, J.	Cleft Palate Clinic	Efficacy of Recombinant Human Bone Morphogenic Protein-2 (Rhbmp-2) in the Treatment of Maxillary Alveolar Clefts In Children with Oral-Facial Clefts
Bagdure, D., Dobyns, E., & Wathen, B.	PICU	Evaluation of Sepsis Management in Children: Identification of Barriers to Implementation of American College of Critical Care Medicine Guidelines in Management of Sepsis in Children
Benefield, E., Erickson, M., & Hawley, J.	Orthopaedic Dept.	Reliability of the Neuromuscular Spine Quality of Life Questionnaire
Benefield, E. Miller, N., Erickson, M., Carry, P.	Orthopaedic Dept.	Retrospective Review of Patients Charts to Determine the Effectiveness of the High Risk Pathway for Patients Who Underwent Spine Fusion Surgery for Neuromuscular Scoliosis: An Update
Boyd, S., Provost, M., & Sables-Baus, S.	NICU	Formal Education for Medically Complex NICU Families Prior to Discharge
Clevenger, K.C., Sammons, J., & Lewis, L.	CTRC	An Observational Pilot Study Looking at the Values of Hemoglobin and Hematocrit after Drawing Multiple Blood Samples from already consented, CTRC Research Subjects in the Pediatric Research Population Age 31 Days to less than 18 Years
Erickson, M., Benefield, E., Ballard, M., & Hawley, J.,	Orthopaedic Dept.	Early Onset Scoliosis Study
Erickson, M., Benefield, E., Ballard, M., & Hawley, J.,	Orthopaedic Dept.	Prospective Pediatric Scoliosis Study
Erickson, M., Benefield, E., Ballard, M., & Hawley, J.,	Orthopaedic Dept.	Prospective Pediatric Kyphosis Study
Erickson, M., Benefield, E., Ballard, M., & Hawley, J.,	Orthopaedic Dept.	Vertical Expandable Prosthetic Titanium Rib Project

Erickson, M., Benefield, E., & Hotchkiss, M.,	Orthopaedic Dept.	Evaluation of Understanding by Patient and Guardian of Consent for Spine Fusion with Instrumentation for Adolescent Idiopathic Scoliosis
Erickson, M., Nicklas, T., Carollo, J., & Benefield, E	Orthopaedic Dept.	Impact of Spinal Fusion Construct with Sacro-pelvic Fixation on Gait Dynamics
Evans, S., Fountain, J., Rapstine, T., Schurger, C., Murphy, T., Stephens, C., Kotzer, A.M., Chiesa, A., & Goldyn, D.	SMSC, KPTI, CPT, I&O	Nursing Knowledge of Typical Infant Crying and Shaken Baby Syndrome
Cohen M, Erickson M, Miller, N, Benefield E, Zuk J	Orthopedics, Anesthesiology	The Use Of Intraoperative Intrathecal Morphine Versus Epidural Extended Release Morphine For Postoperative Pain Control In Pediatric Patients Undergoing Posterior Spinal Fusion
Clark, N., Child, J., Galinkin, J., Neiman, J., & Dolan, S.	Pharmacy, Anesthesia, Neurosurgery, Quality	Prophylactic Vancomycin Administration
Clevenger, K.C. & Manco-Johnson, M.	CTRC, Hemophilia	Elevated BMI as a Risk Factor for Post-Thrombotic Syndrome
Cullen, P. L.	Regis University, Children's Oncology Group, Oncology Nursing Society	Conformal Radiotherapy in Children with Low Grade Glioma. Functional Status/QOL Assessment
Cullen, P. L.	Regis University, Children's Oncology Group, Oncology Nursing Society	Reduced Radiotherapy in Standard-Risk Medulloblastoma. Functional Status/QOL Assessment
Cullen, P. L.	Regis University, Children's Oncology Group, Oncology Nursing Society	Neurocognitive and Functional Status Late Effects Therapy in Children with CNS Tumors
Deleyiannis, F., Marazita, M., Weinberg, S., Valdez, S., Andrews, M., Idelberg, J., Maybe, J., & Farina, M.K.	Plastics and Reconstructive Surgery (Cleft Program)	Cleft Lip and Palate Genetics Research Study
Dobyns, E. Wathen, B., Reichert, K., Kaufman, J., & da Cruz, E.	NACHRI Collaborative	Effort to Reduce Catheter Associated Blood Stream Infections Initiative
Dobyns, E., Wathen, B., Thrasher, J., Goode, J., & Lichlitner, R.	PICU/Level 8	CHCA Collaborative: Eliminating codes and Utilization of a Pediatric Early Warning Signs Tool
Doran, A. & Ivy, D.	Cardiology	Growth and Bone Mineral Density in Children with Pulmonary Arterial Hypertension
Foreman, N., Madden, J., & Dorneman, L.	CCBD	Quality of Life in Survivors of Childhood Brain Tumors: A Follow-Up Study

Friesen R, Knupp K, Zuk J, Faberowski L	Anesthesiology	The effect of anesthetic agents on neurodevelopmental outcomes of neonatal congenital heart disease patients
Friesen R, Zuk J	CCTSI, Anesthesiology	Development Of A Small Volume Sampling Technique For Fentanyl Pharmacokinetic, Pharmacodynamics And Pharmacogenetic Analysis In Preterm And Term Neonates With And Without Cyanotic Congenital Heart Disease
Georgopoulos, G., Carry, P., & Benefield, E.	Orthopaedic Dept.	Post-Operative Pain Management for Supracondylar Type Elbow Fractures
Givens, P.	Nursing Administration	A Descriptive Study of Nursing Float/Resource Teams within Children's Hospitals
Grover, T. & Moran, S.	Neonatology	Determining Practice Standards for Central Line Removal in Neonates with Abdominal Wall Defects
Hemenway, M., & Schissel, D.	CCBD	Parent Recall of Experiences with a Child with Refractory or Relapsed Cancer when Enrolled in an Early Phase Clinical Trial
Ivy, D., Doran, A., Calderbank, M., & Dolan, S.	Cardiology	The Effect of "Closed Hub" Catheter Connection Systems on Bloodstream Infection Rates in Patients Receiving Intravenous Treprostinil and Epoprostenol for Pulmonary Arterial Hypertension
Ivy, D. & Doran, A.	Cardiology	A Prospective Evaluation of Adolescents and Children with Pulmonary Arterial Hypertension
Kaseman, S. & Shea-McAleavey, C.	NICU	Acuity-Adjusted Staffing, Nurse Practice Environments, and NICU Outcomes
LeDuc, K., & Martin, L.	Professional Development/Speech Path.	Communication Vulnerabilities and Augmentative Strategies to Enhance Outcomes
LeDuc, K., & Mogensen, D.	Professional Development	Evaluation of New Graduate Residency Program
Lewis, L., Sammons, J., & Clevenger, K.C.	CTRC	Maximum Blood Volume for Research Patients in Pediatric Research Protocols
Lichtner, R., Thrasher, J., Shonka, N., Tremewan, L., Mehnert, J., OPrsini, E., Reese, J., & Brennan, L.	8 & 9 Inpatient Medical Units Pharmacy	Drug Level Samples: Existing Line Draw (CVC or PIV) Compared to a Peripheral or Capillary Sample
Liu, A., Foreman, N., Wilkening, G., Dorneman, L., Madden, J., & Hemenway, M.	CCBD	Feasibility Study of Computer-Based Neurocognitive Testing in Children with Brain Tumors and their Siblings
Madden, J., & Dorneman, L.	CCBD	Creative Arts Therapy (CAT) in the Center for Cancer and Blood Disorders

Madden, J., West, K., Simms, W., Strecker, R., & Van Stelle, J.	CCBD	Efficacy of a New DVD in Addition to Routine Patient Education with External Central Lines
McCurdy, J., Wathen, B., Randall, K., Wenger, M. & Gjelstad, R.	PICU	Predictions of Traumatic Head Injury Outcomes in the Pediatric Intensive Care Unit
Meeks, S.R. & Sables-Baus	Cardiology	Developmental Outcomes in Children with Complex Congenital Heart Disease
Meeks, S.R. & Younoszai, A.	Cardiology	Oxygen Saturations and PVR in HLHS Status-Post Norwood with Sano Shunt
Mogensen, D. & Kotzer, A.M.	Professional Development Innovation & Outcomes	Assessing Critical Thinking Ability of Newly Hired Registered Nurses
Moran, S., & Scott, N.	TCH NNP Longmont United Hospital	NNP Interruptions in a Level III NICU
Morrato, E., Benefield, E., Barnard, E., Erickson, M., & Kempe, A.	Orthopaedic Dept.	Caregivers and Relatives Expectations for Spinal (CARES) Surgery Study
Mourani, P., Wathen, B., & Schroeder, E.	PICU	Study of Ventilator Associated Pneumonia in Children
Mueller, T., Erickson, M., Benefield, E	Orthopaedic Dept.	Safety and Efficacy of Pedicle Screws in Children 12 and Under
Nelson, M.B., Hensley, M.A., Dell Orfano, S., Carry, P., & Heare, T.	Orthopedic Surgery	Development of a Database for Patient who have undergone Surgical Resection of Bone and Soft Tissue Tumor in the Musculoskeletal Tumor Program at TCH
Pallotto, E., Grover, T., & Moran, S.	NICU	Improving the Health of Neonates: Establishing a Collaborative Process for Level 3C Children's Hospitals NICUs
Pallotto, E., Grover, T., & Moran, S.	NICU	Using a Multi-Center Collaborative Model To Derive Testable Recommendations for Reducing CLABSIs in Level 3C Children's Hospital NICUs
Peyton, C.	CICU	Nursing Perceptions of Pain Management in the Pediatric Cardiac Intensive Care Unit
Peyton, C.	CICU	An Evidence-Based Review of Sedation Practices in the Pediatric Intensive Care Unit
Peyton, C.	CICU	Implementation of a CVOR to CICU Transfer Protocol to Improve Hand Off Communication

Peyton, C.	CICU	Preventing Complications of Naso-Gastric Tube Insertion in Children with Congenital Heart Disease
Polaner D, Galinkin J, Zuk J	Anesthesiology	Does Total Intravenous Anesthesia With Propofol For Greater Than 4 Hours Produce Occult Biochemical Evidence Of The Propofol Infusion Syndrome?
Reiter, P., Dobyys, E., & Wathen, B.	PICU	Risk Factor Assessment of Venous Thromboembolism (VTE) in Critically Ill Children
Rosenberg, A., Fashaw, L., & Kaseman, S.	NICU	Long-Term Follow-up after Head Cooling for Neonatal Encephalopathy
Shockley, H. & Kaufholz, C.D.	Heart Institute/Cath Lab	The Creation and Use of a Pediatric Catheterization Database to Improve Efficiency of Patient Flow
Soistmann, H.	Float Team	Evaluation of New Graduate Nurses on the Float Team
Thilo, E., Grover, T., Moran, S., & Kaseman, S.	NICU	Premedication for Non-Emergent Intubation in the NICU
Navin, M., Anderson, L., & Van Essen, D.	Special Care Clinic	Care Coordination across the Continuum: Pilot Project to Evaluate a Tertiary/Primary Care Partnership Model
Valdez, S.	Cleft Lip/Palate Clinic	Comparison of Prenatal vs. Postnatal Diagnosis of Cleft Lip and the Effect on Maternal-Infant Attachment and Maternal Stress
West, K.	CCBD	Eradicating Nosocomial Catheter Associated Bloodstream Infections
Workman R, Kaufman J, Peyton C, Wathen B, Kent S, Zuk J	CICU & Anesthesiology	A pilot study: parents providing massage to their critically ill children
Zuk J, Erwin N, Kaufman J, da Cruz E, Mitchell M	Anesthesiology & CICU	Retrospective Analysis Of Extracorporeal Life Support (ECLS) Outcomes In Pediatric Cardiac Patients
Zuk J, Talmi A, Nowels C, Jones J	RI funded, Anesthesiology	Development of an Interdisciplinary Moral Distress Scale
Zuk, J., Peyton, C., Kaufman, J., daCruz, E. Friesen, R., Twite, M., & Stafford, B.	CICU	BIS Monitor Guided Sedation in the Cardiac Intensive Care Unit