

# Rush University Children's Hospital

## Scholarly Works 2024-2025

### Publications

Behre E, Donnell SS, Larsen N, Mora G, Patra K. Monogenic Familial Neonatal Diabetes in Preterm Infant with ABCC8 Gene Mutation: Transition to Oral Sulfonylurea Therapy. [J Pediatr Pharmacol Therapy 2025 Feb;30\(1\):129-132.](#)

Robin B, Wambach C, Patel K, Holland K, Karas A. Neonatal Choanal Atresia and Stenosis. [Neoreviews. 2025 Jun 1;26\(6\):e380-e390.](#)

### Presentations

Carlson, M, Dato-on K, Sanchez C, Nguyen D, Chen C. Poster presentation: Eye don't know how this happened: A vesicular rash in an immunocompetent host. Pediatric Hospital Medicine Meeting, Minneapolis, MN 8/1/24

McCaffrey C. and Joshi N. Unseen consequences: Hordeolum and chalazion as a potential side effect of CFTR modulators. North American Cystic Fibrosis Conference, Poster Presentation, 2025.

### Illinois Chapter of the American Academy of Pediatrics Annual Conference 11/15/24

14-Year-Old Female with Macrocytosis and Mosaic Trisomy 8 Dyrland, M; Carlson, M; Giordano, L

A 10-Year-Old Boy with Hypogammaglobulinemia, Lymphopenia and an Abdominal Mass  
Odukoya, E; Musumeci, M; Giordano, L

Red Blood Cell Aplasia in a Newborn  
Seol, G; Bernhard, C; Wright, B; Giordano, L

An Un-CANny Presentation of Hypotonia  
Ryali, B; Maurer, R; Komro, K; Nguyen, D; Wilkerson, M; Chen, C

Lemierre Syndrome – An Atypical Case  
Armana, S; Friedman, S; Bentley, S; Reyes, AH

Malaria Infection in a Pediatric Patient: A Reminder of the Importance of Antimalarial Prophylaxis for Travelers  
Gaddam, H; Hu, R; Kowal, E; Nguyen, D; Wilkerson, M

Gaps in Dyslexia Screening and Intervention in Illinois  
Kliebhan, M; Fitzgerald, A; Bonaguro, M

Pediatric In-Situ Simulation: Improving Inter-Professional Communication through Multi-Disciplinary Curriculum  
Bonagura, M; Chen, C

A Horse is a Horse, Of Course... or is a Zebra? Unraveling a Case of Febrile Neutropenia in a Previously Healthy 16-year-old  
Colgan, B; Eskin, L; Nehl, E; Chen, C

Retrospective Case Series of Isolated Premature Closure of the Foramen Ovale: Analysis of Maternal Factors and Neonatal Intervention  
Simon, D; Kadish, E; Bowker, R; Sosnowski, C; Kadakia, S

### Rush Department of Pediatrics Scholarly Activity Symposium 4/30/25

Just Bead It: A Case Report of Small Bowel Obstruction in a Healthy 10-Month-Old Baby.  
Oluwamuywa Adebayo, PhD; Jennifer Marsidi, DO; Jamie Mara, MD; Rose Walczak, MD

Isolated Hyponatremia: An Atypical Presentation of Addison's Disease  
Yoo Jin Ahn, BS; Julian Alutto, MD; Stelios Mantis, MD

14-Year-Old Female with Macrocytosis and Mosaic Trisomy 8  
Madeline Carlson, MD; Mary Dyrland, BS; Lisa Giordano, MD

Behind the Blood: Hematuria as the First Clue to Wilms Tumor in a 2-Year-Old  
Nimit Desai, DO; Jordan Morling, MD; Paige Reilly, MD

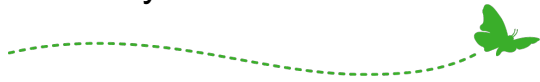
Resident Peer-to-Peer Safety Event Review in the Neonatal Intensive Care Unit  
Drew Hollender, MD; Laura Seske, MD

Quality Improvement of Anaphylaxis Management: A Needs Assessment Conducted at a Chicagoland Childcare Center  
Rong Hu, MD; Karen Lui, MD; Laura Pabalan, MD

Hemophagocytic and Hyperammonemia Lymphohistiocytosis in a patient with Rett Syndrome and B-ALL  
Emily Kadish, MD; Amisha Patel, MD; Peter Heydemann, MD; Nupur Mittal, MD

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Isolated Premature Foramen Ovale Closure: A Retrospective Case Series Analyzing Neonatal Intervention and Maternal Factors

Emily Kadish, MD; Dina Simon, BA; Rakhee Bowker, MD; Cyndi Sosnowski, MD; Suhagi Kadakia, MD

Maternal Health: The Missing Piece of the NICU Puzzle

Kathryn Komro, DO; Tricia J. Johnson, PhD; Cristina MA Barkowski, MSW; Jane Oh, BS; Aloka L. Patel, MD

A 10-Year-Old Boy with Hypogammaglobulinemia, Lymphopenia and an Abdominal Mass

Elijah Odukoya, BA; Michael Musumeci, MD; Lisa Giordano, MD

Nodular Regenerative Hyperplasia: A rare complication from chemotherapy for

acute lymphoblastic leukemia  
Kathleen Quinn, M3; Michael Musumeci, MD; Lisa Giordano, MD

Meningoencephalitis in the Well-appearing Febrile Neonate

Tess Saibert, MS, MD; Taylor Stivali, MS, MPH; Isabella Martinez; Rose Walczak, MD, FAAP

Hidden Vulnerability: A Case Report of a Disseminated Cytomegalovirus Disease in a 5-year-old Female

Leads to Identification of TERT Gene Mutation and Presumptive Dyskeratosis Congenita Diagnosis  
Claudia Sanchez, MD; Hyesan Lee, MD; David C. Nguyen, MD

Using Standardized Respiratory Support Weaning Protocols to improve Length of Stay and Hospitalization Cost in patients admitted with Bronchiolitis  
Benjamin Traisman, DO; Christina Chen, MD; Stephanie Lam, DO

Hypothyroidism Presenting with Pituitary Hyperplasia, Hyperprolactinemia and Short Stature

Derek B. Zhang, MD; David C Taylor; Harini Kolluri, MD

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## Scholarly Works 2023-2024



### Publications

David, J., Wambach, C.G., Kraemer, M., Johnson, T.J., Greene, M.M., Lee, E., and Patra, K. Impact of the COVID-19 pandemic on early intervention utilization and need for referral NICU discharge in VLBW infants. [J Perinatol, 2023 Jul 6](#). PMID: 37414845

Anne Ewing, Liz Chiquoine and Nicole Larsen, Marielle Fricchione. A premature infant with petechial rash: age-old diagnosis with a new diagnostic dilemma. [Neoreviews 2024 Jun 1;25\(6\):e361-e365](#). PMID: 38821906.

Corrado, A., Cheo, S., and Walczak, R. Vulvar Ulcers in a Non-Sexually Active Adolescent. [Pediatr Rev. 2024 Apr 1;45\(4\):e11-e13](#). PMID: 38556510

Gandolfi A, Shaaban S. Denosumab-Induced Rebound Hypercalcemia Treated With Bisphosphonates in a Pediatric Patient. [JCEM Case Rep. 2023 Oct 28;1\(5\)](#). eCollection 2023 Sep. PMID: 37908209

Drew Hollender, Ellen Stephen, Laura Laursen, Sindhura Bandi. Penicillin Allergy De-labeling in Pregnant Women and Neonatal Outcomes. [Journal of Allergy and Clinical Immunology, Volume 153, Issue 2, Supplement, 2024, Page AB167](#)

E. Stephen, M. Patel, D. Hollender, S. Bandi. Assessing Outcomes of a Dedicated Referral Pathway for Evaluation of Penicillin Allergy During Pregnancy. [Annals of Allergy, Asthma & Immunology, Volume 131, Issue 5, Supplement 1, 2023, Pages S83-S84](#).

D. Hollender, E. Stephen, P. Patel. Chronic, Treatment Resistant Urticaria, a Diagnostic Conundrum Revealing Latent Tuberculosis. [Annals of Allergy, Asthma & Immunology, Volume 131, Issue 5, Supplement 1, 2023, Page S129](#).

### Presentations

Sparks K, Corrado A, Murphy J, Hollis T, Kalinowski V. Two Cases of Cardiac Failure in Pediatric Hemolytic Uremic Syndrome Treated with Extracorporeal Membrane Oxygenation. Poster presentation: 8th World Congress of Pediatric Cardiology and Cardiac Surgery. Washington D.C. August 2023.

A. Polachek, G. Yoshiba, K. Ratnasamy, R. Byrd. Who Noo? Putting the pieces together in a case of PLE. Poster presentation: NASPGHAN. San Diego October 2023.

Ahmad B, Bansal K, Joshi N, Bandi S. Poster presentation: Effects of In-Home Environmental Interventions for an Urban Multidisciplinary Pediatric Asthma Clinic in Chicago on Asthma Control. American Academy of Allergy, Asthma and Immunology Annual Meeting. Washington, DC; 02/25/2024.

Ahmad B, Palmisano Z, Corrado A, Kalinowski V, Wilkerson M. Poster presentation: Stage 3 Acute Kidney Injury in the Setting of Obstructive Uropathy in a 5-Year-Old Male. Society of Critical Care Medicine. Midwest Chapter Annual Conference, Oak Lawn, IL; 09/09/2023.

Siddiqi, Farah. Joyce, Mercy; Hollis, Taemyn; Lam, Stephanie; Tylka, Joanna; Kuppy, Joanna; Braverman, Jaime. Infantile Autoimmune

Vasculitis with Multisystem Organ Involvement. Oral presentation: Society of Critical Care Medicine Convention. January 21st, 2024. Phoenix, AZ.

Benedict Lee, Bianca Arguello MD, Nupur Mittal MD. Rett Syndrome with Incidental Finding of B-Cell Acute Lymphocytic Leukemia: A Case Report. Poster presentation at Asian Pacific American Medical Student Association (APAMSA) national conference, Las Vegas, Nevada, March 1-3, 2024.

### Illinois Chapter of the American Academy of Pediatrics Annual Conference 11/10/23

Samantha Steinhall BS, Anne Gandolfi MD, Madeline Bonaguro MD, Rose Walczak MD. Pediatric esophageal stricture with proximal diverticula in the setting of a suspected esophageal foreign body

Priya Karkhanis BS, Katelyn Dato-on DO, Rakhee Bowker MD. Evaluation and Management of a large congenital neck mass

Basel Ahmad MD, Zachary Palmisano BS, Alisa Corrado MD, Valerie Kalinowski MD, Marylouise K Wilkerson MD. Stage 3 acute kidney injury in the setting of obstructive uropathy in a 5-year-old male

Madeline Bonaguro MD, Jennifer Marsidi DO, Karen Lui MD. Failure to thrive in an infant with acute bronchiolitis

Lauren Grimm MA, Alisa Corrado MD, Bianca Arguello MD, Shuvani Sanyal MD. A perioral rash in an unvaccinated 12 -month old female

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## Scholarly Works 2023-2024



Mercy Joyce MD, Kayla Schmittau MD, Lisa Giordano MD  
Paroxysmal Cold Hemoglobinuria triggered by Epstein Barr Virus infection: Challenging diagnosis and management.

Ashanta Brady MD PharmD, Sri Lakshmi Jamalapur MD, Nupur Mittal MD, Lisa Giordano MD  
Polycythemia in a Toddler.

### **Rush University Trainee Research Day 3/21/24**

Zachary A. Rehfus, DO; Seema Pathak, BA, MS; Lisa Giordano, MD.  
Pancytopenia in a 3-Year-Old Female.

Carlson, M., Sanchez, C., Dato-on, K, Nguyen, D., Chen, C. A Rare Manifestation of Pediatric VZV. Eye Don't Know How This Happened.

### **Rush Department of Pediatrics Scholarly Activity Symposium 5/21/24**

Lena Eskin, MD; Emily Nehl, MD; Christina Chen, MD  
A horse is a horse, of course... or is it a zebra? Unraveling a case of febrile neutropenia in a healthy 16-year-old

Anne Gandolfi; Sara Ruddock-Walker, MD; Sarah Shaaban, MD  
Inpatient Glycemic Control After Implementation of an EMR-Integrated Insulin Dosing Calculator

Drew Hollender, MD; Maddy Burds; Joshua Jones; Vikram Nandhan, MD; Sindhura Bandi, MD  
Outcomes of a Penicillin Allergy De-labeling Education Initiative

Lauren Hoody, MD; Cynthia Alvarez, MD; Christina Chen, MD  
When siblings are not okay

Benedict Lee; Bianca Arguello, MD; Nupur Mittal, MD  
Rett Syndrome with Incidental Finding of B-cell Acute Lymphocytic Leukemia: A Case Report

Dina Simon, BA; Drew Hollender, MD; James Cameron, MD  
An Incidental Case of Rickets Disease Found During a Bronchiolitis Admission

Benjamin Traisman, DO; Sivangi Patel, DO; Madeline Carlson, MD; Zach Rehfus, DO; Dawson Hobbs, MD; Lauren Hoody, MD; Christina Chen, MD  
Electronic Medical Record Tool Kit for Implementation of 2022 American Academy of Pediatrics Hyperbilirubinemia Guidelines

Zachary A. Rehfus, DO; Seema Pathak, BA, MS; Lisa Giordano, MD  
Pancytopenia in a 3-year-old Female

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## Scholarly Works 2022-2023



### Publications

Corrado, A., Yoshiba, G., Buranosky, M., Woods, Z., Wohrley, J., Romantseva, L., Wolf, A. A 43-day-old male with respiratory distress and acute onset hypotonia.

[Pediatrics. 2022 Nov 1;150\(5\):e2022056744.](#) doi: 10.1542/peds.2022-056744. PMID: 36254627

Hall, J.T., Rosado, M., Wohrley, J.D., Bandi, S., Kent, P.M., Jandeska, S.E., Murphy, J., Wilkerson, M.K.. Pericardial effusion causing cardiac tamponade in a 10-year-old male.

[Pediatrics 2023 Jan 1;151\(1\):e2022057467.](#) doi: 10.1542/peds.2022-057467. PMID: 36514898

Naseem Ravanbakhsh MD, Ashley C. Smith MD, Jaime Braverman MD. An abominable abdomen. [Pediatrics in Review – Index of Suspicion, Vol. 43 No. 8/8/22.](#) PMID: 35909136

Genesis Talia Mancha, Suhagi Kadakia, Lorenzo Muñoz, Laura M Seske. Ten-year review of neonatal neurosurgical outcomes and cost analysis. [Surg Neurol Int. 16;14:203.](#) doi: 10.25259/SNI\_59\_2023. [eCollection, June 2023.](#) PMID: 37404507

Luz D, Chung J, Corrado A, & Li M. Severe Central Apnea in Two Siblings with ALG8-CDG. *Genetics in Medicine Open*, 1(1), 100036. <https://doi.org/10.1016/j.gimo.2023.100036>, 3/14/23

Mancha G, Corrado A & Wilkerson M. Time to Slow Down: A Deeper Look Into Remdesivir-Associated Bradycardia. *CHEST Journal*; 162 (4) A2030-2031. <https://doi.org/10.1016/j.chest.2022.08.1675>, 10/19/22

Donnell, Sierra S., Kraemer, Megan K. and Kadakia, Suhagi M. Neonatal stridor presents at home – vocal fold paralysis as rare presenting feature of CHARGE syndrome. *Case Reports in Perinatal Medicine*, vol. 12, no. 1, pp. 20220033. <https://doi.org/10.1515/crpm-2022-0033>, May 2023

Gandolfi A, Ratnasamy K, Minutti C. Hypoparathyroidism, sensorineural deafness, and renal disease syndrome presenting with febrile seizures and hypocalcemia. *JCEM Case Reports*. 2023;1(1). <https://doi.org/10.1210/jcemcr/luac025>, 1/9/23

### Abstracts/Posters/Presentations

Chiquoine E, Cheo S, Walczak R. A Cavitary Lesion in a Blastomycosis Infection. Poster Presentation: Illinois Chapter of American Academy of Pediatrics. Chicago, IL. September 2022

Danielle Luz, Christopher Bruti. Chiari I Malformation and HHV-6 Infection Presenting as Ataxia, Chorea, and Aphasia in a 2-year-old Female. Poster presentation: Illinois Chapter of American Academy of Pediatrics, September 2022

Larsen N., Sparks K., Kraemer M., David J. An Unusual Case of Gastric Distension in a Premature Infant. Poster presentation: Illinois Chapter of American Academy of Pediatrics, September 2022

Sierra Donnell MD, Megan Kraemer DO, Suhagi Kadakia MD. Neonatal Stridor Presents at Home Poster presentation: Illinois Chapter of American Academy of Pediatrics, September 2022

Corrado A, Smith A, Franceschi C, Kalinowski V. Adolescent Abdominal Pain: The Case of Displaced Microbes. Poster presentation: Illinois Chapter of American Academy of Pediatrics, September 2022

Soria S, Corrado A, Sosnowski C. Case Report: Incidental finding of an isolated sub-pulmonary ring in a newborn with a murmur. Poster presentation: Illinois Chapter of American Academy of Pediatrics, September 2022

Genesis Mancha, MD; Alisa Corrado, MD; Marylouise Wilkerson, MD. Time to Slow Down: A Deeper Look into Remdesivir-Associated Bradycardia. Poster presentation at CHEST Nashville conference, October 2022.

Bonaguro M, Corrado A, Franceschi C, Kuppy J. Hemophagocytic Lymphohistiocytosis Secondary to HHV-6 Infection. Poster presented at Midwest Society of Critical Care Medicine Conference, August 2022.

Grace Yoshiba, MD, Cynthia Alvarez, MD, Ram Al-Sabti MB ChB, Sheela Mahendra, MD. Microscopic Colitis in a Child Presenting with Chronic Watery Diarrhea. NASPGHAN, Orlando, FL, October 2022.

Mancha G, Kadakia S, Basharkhah S, Seske L. Ten Year review of neonatal neurosurgical outcomes and cost analysis. Poster presentation at the Midwest Society for Pediatric Research, September 2022.

Anne Ewing et al. Multipronged approach to recruitment of pediatric patients with beta lactam allergies for evaluation and de-labeling. Poster Presentation at ID Week, Infectious Disease Society of

# Rush University Children's Hospital

## Scholarly Works 2022-2023



America, Washington, DC. October 2022.

Berenz, A., Kraemer, M., Wambach, C., Sulo, K., and Patra, K. Impact of NICU Provider Type on In-hospital Respiratory Outcomes of VLBW Infants. Poster presented at Pediatric Academic Societies, Washington, DC, USA, April 2023.

Courtney Franceschi and Savannah Cheo. Rush Pediatric Grand Rounds - Comprehensive Sexual Health Education in Schools: What Pediatric Providers Need to Know, 5/30/23.

Corrado A, Winters A, Wilkerson M. Improving PICU Performance and Satisfaction in Third-Year Medical Students Through Distribution of PICU Handbooks. Poster presentation at Pediatric Academic Societies Meeting. Washington D.C. (April 2023).

Basharkha S, Luz D, Chung J, Corrado A, Li M. Severe Central Apnea in Two Siblings with ALG8-CDG. Poster presentation at American College of Medical Genetics Annual Conference. Salt Lake City, UT. March 2023.

### Rush University Children's Hospital – Pediatric Scholarly Activity Symposium - May 2023

Alisa Corrado, MD, Abby Winters, MD, Marylouise Wilkerson, MD. Improving PICU Performance and Satisfaction in Third-Year Medical Students through Distribution of PICU Handbooks

Nicole Larsen, MD, Tricia J. Johnson, PhD, Paula P. Meier, PhD, Kayla Dobies, BA, Mary Dyrland, BS, Charlie Fisher, MPH, BS, Aloka Patel, MD, Suhagi Kadakia, MD. Disparities in Breastmilk Feeding Rates in

Preterm Infants After Discharge from the Neonatal Intensive Care Unit (NICU)

Genesis T. Mancha, MD, Suhagi Kadakia, MD, Lorenzo Munoz, MD and Laura M. Seske, MD, MS. Ten Year Review of Neonatal Neurosurgical Outcomes and Cost Analysis

Sarah Basharkhah, BS, Danielle Luz, MD, Alisa Corrado, MD, Joyce Chung, MD, Mindy Li, MD. Severe central apnea in two siblings with ALG8-CDG

Anne Gandolfi, MD, Kevin Ratnasamy, MD, Carla Minutti, MD. Hypoparathyroidism, Sensorineural Deafness, and Renal Disease Syndrome Presenting With Febrile Seizures and Hypocalcemia

Alisa Corrado, MD, Bianca Arguello, MD, Shuvani Sanyal, MD. A Perioral Rash in an Unvaccinated 12-Month-Old Female

Priya Karkhanis, Katelyn Dato-on, DO, Rakhee Bowker, MD. Evaluation and Management of a Large Congenital Neck Mass

Erin Keizur, BS, Alisa Corrado, MD, Joanna Kuppy, MD, Marylouise Wilkerson, MD. The Shared Medical Decision-Making Model in Pediatrics: Healing Patients and Communities

Elizabeth Behre, DO, Sierra S. Donnell, MD, Nicole Larsen, MD, Guido Mora, MD, Kousiki Patra, MD. Monogenic Familial Neonatal Diabetes in Preterm Infant with ABCC8 Gene Mutation: Transition to Oral Therapy

Michael Musumeci, MD, Basal Ahmad, MD, Suzanne DiBattista, MD. A multifaceted presentation of failure to thrive

Samantha Steinhall, BS, Anne Gandolfi, MD, Maddy Bonaguro, MD, Rose Walczak, MD. Pediatric esophageal stricture with proximal diverticula in the setting of a suspected esophageal foreign body

Caroline Wambach, MD, Savannah Cheo, MD, Rose Walczak, MD, and Christina Chen, MD. An Expanding Belly: What A-Scites to See

Anne Ewing, MD; Ellen D. Stephen, MD; Malina Patel, MD; Erin Keizur, BS; Betty Vu, PharmD; Sindhura Bandi, MD; Colleen Nash, MD, MPH. Multipronged Approach to Recruitment of Pediatric Patients with Beta-Lactam Allergies for Evaluation and De-labeling