



Krista Lauren Birnie

- Clinical Associate Professor, Pediatrics - Neonatology
- Clinical Associate Professor, Pediatrics

CLINICAL OFFICE (PRIMARY)

- **Sequoia Hospital**

170 Alameda de las Pulgas

Redwood City, CA 94062

Tel (650) 369-5811 Fax (650) 725-8351

Bio

CLINICAL FOCUS

- Pediatric Hospital Medicine

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pediatrics - Neonatology
- Clinical Associate Professor, Pediatrics
- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Pediatric Hospital Medicine Collaborative Impact Award (Neonatal Hospitalist Steering Committee), Pediatric Hospital Medicine National Conference (2024)
- NCAA Postgraduate Scholarship, NCAA (2008)
- Firestone Medal for Excellence in Undergraduate Research, Stanford University (2006)
- Human Biology with Honors, Stanford University (2006)

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Hospital Medicine, American Board of Pediatrics (2019)
- Board Certification, American Board of Pediatrics , General Pediatrics (2015)
- Residency: Stanford University Medical Center (2015) CA
- Internship: Stanford University Medical Center (2013) CA United States of America
- Medical Education: Stanford School of Medicine (2012)
- Undergraduate, Stanford University , Human Biology (2006)

Publications

PUBLICATIONS

- **Challenges in Studying the Pediatric Hospital Medicine Workforce.** *Hospital pediatrics*

- Joshi, N. S., Birnie, K. L., Ziniel, S. I., Fromme, H. B.
2025
- **Defining the Hospitalist Workforce in the Care of Newborns.** *Hospital pediatrics*
Joshi, N. S., Gupta, A., Gupta Basuray, R., Birnie, K., Markowsky, A., Thakrar, S., Motta, S., Kim, J. L.
2025
 - **Insights into the Pediatric Hospital Medicine Workforce: 2024 Data and Recent Trends for Programs.** *Hospital pediatrics*
Fromme, H. B., Jackson, K., Cook, J. A., Birnie, K., Alcon, S., Kuhn, E. C., Dawlett, M., Mike, T. B.
2025
 - **Early Experiences With Nirsevimab: Perspectives From Newborn Hospitalists.** *Hospital pediatrics*
Aragona, E., Joshi, N. S., Birnie, K. L., Lysouvakon, P., Basuray, R. G.
2023
 - **Standardized Evaluation of Cord Gases in Neonates at Risk for Hypoxic Ischemic Encephalopathy.** *Hospital pediatrics*
Blecharczyk, E., Lee, L., Birnie, K., Gupta, A., Davis, A., Van Meurs, K., Bonifacio, S., Frymoyer, A.
2021
 - **Community Pediatric Hospitalist Workload: Results from a National Survey.** *Journal of hospital medicine*
Alvarez, F., McDaniel, C. E., Birnie, K., Gosdin, C., Mariani, A., Paciorkowski, N., Mendez, S. S., Weng, Y., Fromme, H. B.
2019; 14: E1–E4
 - **Current Practices and Perspectives on Peer Observation and Feedback: A National Survey.** *Academic pediatrics*
McDaniel, C. E., Singh, A. T., Beck, J. B., Birnie, K., Fromme, H. B., Ginwalla, C. F., Griego, E., King, M., Maniscalco, J., Nazif, J., Patra, K. P., Seelbach, E., Walker, et al
2019
 - **Temporal Relationship of Onset of Necrotizing Enterocolitis and Introduction of Enteric Feedings and Powdered Milk Fortifier.** *American journal of perinatology*
Vaks, Y. n., Birnie, K. L., Carmichael, S. L., Hernandez-Boussard, T. n., Benitz, W. E.
2017
 - **Failed endotracheal intubation and adverse outcomes among extremely low birth weight infants.** *Journal of perinatology*
Wallenstein, M. B., Birnie, K. L., Arain, Y. H., Yang, W., Yamada, N. K., Huffman, L. C., Palma, J. P., Chock, V. Y., Shaw, G. M., Stevenson, D. K.
2016; 36 (2): 112-115
 - **Periconceptional changes in weight and risk of delivering offspring with conotruncal heart defects.** *Birth defects research. Part A, Clinical and molecular teratology*
Carter, E. H., Carmichael, S. L., Birnie, K., Yang, W., Lammer, E. J., Shaw, G. M.
2015; 103 (10): 843-846
 - **Red Blood Cell Transfusion Is Not Associated with Necrotizing Enterocolitis: A Review of Consecutive Transfusions in a Tertiary Neonatal Intensive Care Unit** *JOURNAL OF PEDIATRICS*
Wallenstein, M. B., Arain, Y. H., Birnie, K. L., Andrews, J., Palma, J. P., Benitz, W. E., Chock, V. Y.
2014; 165 (4): 678-682
 - **Pilot undergraduate course teaches students about chronic illness in children: An educational intervention study.** *Education for health (Abingdon, England)*
Montenegro, R. E., Birnie, K. D., Fisher, P. G., Dahl, G. V., Binkley, J., Schiffman, J. D.
2014; 27 (1): 34-38
 - **Multiplex ligation-dependent probe amplification identification of whole exon and single nucleotide deletions in the CFTR gene of Hispanic individuals with cystic fibrosis** *JOURNAL OF MOLECULAR DIAGNOSTICS*
Schrijver, I., Rappahahn, K., Pique, L., Kharrazi, M., Wong, L.
2008; 10 (4): 368-375