



## Erik Allen Jensen

Associate Professor of Pediatrics (Neonatal and Developmental Medicine)

Pediatrics - Neonatology

 Curriculum Vitae available Online

### CLINICAL OFFICE (PRIMARY)

- **LPCH Hospital Based**

725 Welch Rd

Palo Alto, CA 94304

Tel (650) 497-8000      Fax (650) 725-8351

### Bio

---

#### BIO

Bronchopulmonary dysplasia (BPD) is a common and severe complication of very preterm birth. Dr. Jensen's research seeks to improve the long-term respiratory health of premature infants through: (1) clinical and translational studies that aim to develop evidence-based strategies to prevent and treat BPD; (2) novel characterization of disease severity and phenotypes in BPD; and (3) application of health services research techniques to investigate the association between hospital-level factors and neonatal morbidity and mortality.

Dr. Jensen's research is supported by grant funding from the National Heart Lung and Blood Institute (NHLBI), the National Institute of Child Health and Human Development (NICHD), and the American Lung Association (ALA). He is a member of the International BPD Collaborative and the International Neonatal Consortium (INC) BPD working group.

#### CLINICAL FOCUS

- Neonatal-Perinatal Medicine

#### ACADEMIC APPOINTMENTS

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

#### PROFESSIONAL EDUCATION

- MSCE, University of Pennsylvania , Epidemiology and Clinical Trials (2015)
- Board Certification: Neonatal-Perinatal Medicine, American Board of Pediatrics (2016)
- Fellowship: Children's Hospital of Philadelphia (2014) PA
- Board Certification: Pediatrics, American Board of Pediatrics (2010)
- Residency: Columbia Presbyterian Pediatric Residency Program (2010) NY
- Medical Education: University of Washington School of Medicine (2007) WA

## Research & Scholarship

---

### CLINICAL TRIALS

- Multidimensional Phenotype Classification in Grade 3 Bronchopulmonary Dysplasia, Recruiting
- Inhaled Tobramycin in BPD, Not Recruiting
- Transpyloric Versus Gastric Feeding in Bronchopulmonary Dysplasia, Not Specified

### Publications

---

#### PUBLICATIONS

- **Evidence-based early-post natal approaches to limiting pulmonary disease in extremely low birth weight infants.** *Current opinion in pediatrics*  
Kaluarachchi, D. C., Travers, C. P., Jensen, E. A.  
2026
- **Association between route of furosemide administration and diuretic response in very preterm infants with bronchopulmonary dysplasia.** *Research square*  
Bamat, N., Huber, M., Morris, H., Nelin, T., Downes, K., O'Brien, A., Laskin, B., Jensen, E., DeMauro, S., Eichenwald, E., Lorch, S.  
2025
- **Prognostic Accuracy of BPD Definitions for Long-Term Outcomes in Preterm Infants: A Systematic Review.** *Pediatrics*  
Katz, T. A., de Ridder, R., Bancalari, E., Higgins, R. D., Isayama, T., Jensen, E. A., Offringa, M., Pillow, J. J., Shah, P. S., Soll, R. F., Stoecklin, B., Daams, J. G., van Kaam, et al  
2025
- **Bronchopulmonary dysplasia, pulmonary hypertension, and neonatal gastroesophageal reflux: Association, causation, or neither?** *Seminars in perinatology*  
Jensen, E. A.  
2025: 152158
- **Use of hydrocortisone in extremely preterm infants: emphasis on those born least mature.** *Journal of perinatology : official journal of the California Perinatal Association*  
Jensen, E. A., Rysavy, M. A., Kusuda, S.  
2025
- **Bronchopulmonary Dysplasia in Asian American, Native Hawaiian, and Pacific Islander Infants with Very Low Birth Weight in California.** *The Journal of pediatrics*  
Hendra, K., Cui, X., Main, E., Lee, H. C., Lin Gomez, S., Shariff-Marco, S., Jensen, E. A., Profit, J.  
2025: 114706
- **Gastroesophageal reflux during postpyloric versus gastric tube feeding in preterm infants with bronchopulmonary dysplasia.** *Journal of perinatology : official journal of the California Perinatal Association*  
Jensen, E. A., Orians, C. M., Gibbs, K., Ryan, M.  
2025
- **Systemic Corticosteroids to Prevent Bronchopulmonary Dysplasia: Balancing Risk and Reward.** *JAMA pediatrics*  
Jensen, E. A.  
2024
- **Intratracheal Budesonide Combined With Surfactant in Extremely Preterm Infants.** *JAMA*  
Jensen, E. A.  
2024
- **Respiratory Outcomes of Infants Born Extremely Preterm in the Necrotizing Enterocolitis Surgery Trial.** *The Journal of pediatrics*  
DeMauro, S. B., Jensen, E. A., McDonald, S. A., Hintz, S., Tyson, J., Stevenson, D. K., Blakely, M. L.  
2024: 114391

- **Heterogeneity of Treatment Effects of Hydrocortisone by Risk of Bronchopulmonary Dysplasia or Death Among Extremely Preterm Infants in the National Institute of Child Health and Human Development Neonatal Research Network Trial: A Secondary Analysis of a Randomized Clinical Trial.** *JAMA network open*  
Gentle, S. J., Rysavy, M. A., Li, L., Laughon, M. M., Patel, R. M., Jensen, E. A., Hintz, S., Ambalavanan, N., Carlo, W. A., Watterberg, K.  
2023; 6 (5): e2315315
- **Duration of noninvasive respiratory support and risk for bronchopulmonary dysplasia or death** *JOURNAL OF PERINATOLOGY*  
Gentle, S. J., Carper, B., Laughon, M. M., Jensen, E. A., Williams, A., Travers, C. P., Ambalavanan, N., Lal, C., Carlo, W. A., Polin, R. A., Laptook, A. R., Keszler, M., Hensman, et al  
2022
- **Blanket temperature during therapeutic hypothermia and outcomes in hypoxic ischemic encephalopathy** *JOURNAL OF PERINATOLOGY*  
Flibotte, J., Laptook, A. R., Shankaran, S., McDonald, S. A., Baserga, M. C., Bell, E. F., Cotten, C., Das, A., DeMauro, S. B., DuPont, T. L., Eichenwald, E. C., Heyne, R., Jensen, et al  
2022
- **Performance Evaluation of Nasal Prong Interface for CPAP Delivery on a Critical Care Ventilator: A Bench Experiment.** *Respiratory care*  
Napolitano, N., Roberts, T., Nickel, A. J., McDonough, J., Sun, H., Feng, R., Jensen, E. A., Dysart, K., Lin, R.  
2021
- **Timing of postnatal steroids for bronchopulmonary dysplasia: association with pulmonary and neurodevelopmental outcomes** *JOURNAL OF PERINATOLOGY*  
Harmon, H. M., Jensen, E. A., Tan, S., Chaudhary, A. S., Slaughter, J. L., Bell, E. F., Wyckoff, M. H., Hensman, A. M., Sokol, G. M., DeMauro, S. B., Caplan, M. S., Laptook, A. R., Keszler, et al  
2020
- **Gastrostomy Tube Feeding in Extremely Low Birthweight Infants: Frequency, Associated Comorbidities, and Long-term Outcomes** *JOURNAL OF PEDIATRICS*  
Warren, M. G., Do, B., Das, A., Smith, P., Adams-Chapman, I., Jadcherla, S., Jensen, E. A., Goldstein, R. F., Goldberg, R. N., Cotten, C., Bell, E. F., Malcolm, W. F., Caplan, et al  
2019; 214: 41+
- **Prolonged duration of early antibiotic therapy in extremely premature infants** *PEDIATRIC RESEARCH*  
Greenberg, R. G., Chowdhury, D., Hansen, N., Smith, P., Stoll, B. J., Sanchez, P. J., Das, A., Puopolo, K. M., Mukhopadhyay, S., Higgins, R. D., Cotten, C., Caplan, M. S., Polin, et al  
2019; 85 (7): 994–1000
- **Home Oxygen and 2-Year Outcomes of Preterm Infants With Bronchopulmonary Dysplasia** *PEDIATRICS*  
DeMauro, S. B., Jensen, E. A., Bann, C. M., Bell, E. F., Hibbs, A., Hintz, S. R., Lorch, S. A.  
2019; 143 (5)
- **Home Oxygen and 2-Year Outcomes of Preterm Infants With Bronchopulmonary Dysplasia.** *Pediatrics*  
DeMauro, S. B., Jensen, E. A., Bann, C. M., Bell, E. F., Hibbs, A. M., Hintz, S. R., Lorch, S. A.  
2019
- **Association between Use of Prophylactic Indomethacin and the Risk for Bronchopulmonary Dysplasia in Extremely Preterm Infants.** *The Journal of pediatrics*  
Jensen, E. A., Dysart, K. C., Gantz, M. G., Carper, B., Higgins, R. D., Keszler, M., Laughon, M. M., Poindexter, B. B., Stoll, B. J., Walsh, M. C., Schmidt, B.  
2017; 186: 34-40.e2