Stanford



Shazia Bhombal

Bio

ACADEMIC APPOINTMENTS

- Member, Maternal & Child Health Research Institute (MCHRI)

Publications

PUBLICATIONS

- **Role of left atrial hypertension in pulmonary hypertension associated with bronchopulmonary dysplasia** *Frontiers in Pediatrics*
  Sullivan, R. T., Tandel, M. D., Bhombal, S., Adamson, G. T., Boothroyd, D. B., Tracy, M., Moy, A., Hopper, R. K.
  2022: 1012136

- **Call to action: gender equity in neonatology.** *Journal of perinatology : official journal of the California Perinatal Association*
  Machut, K. Z., Bhombal, S., Escobedo, M., Kataria-Hale, J., Kushnir, A., Lingappan, K., Oji-Mmuo, C. N., Owens, L., Savich, R., Song, C., Wright, R., Dammann, C. E.
  2022

- **The impact of prematurity and associated comorbidities on clinical outcomes in neonates with congenital heart disease.** *Seminars in perinatology*
  Bhombal, S., Chock, V. Y., Shashidharan, S.
  2022: 151586

- **Real-Time Ultrasound Guidance for Umbilical Venous Cannulation in Neonates With Congenital Heart Disease.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*
  Kozyak, B. W., Fraga, M. V., Juliano, C. E., Bhombal, S., Munson, D. A., Brandsma, E., Stoller, J. Z., Jain, A., Kesman, R., Meshkati, M., Noh, C. Y., Dewitt, A. G., Costarino, et al
  2022

- **REAL-TIME ULTRASOUND GUIDANCE TO INCREASE SUCCESS OF UMBILICAL VENOUS CANNULATION**
  Kozyak, B., Fraga, M., Juliano, C., Bhombal, S., Munson, D., Brandsma, E., Stoller, J., Jain, A., Kesman, R., Meshkati, M., Noh, C., DeWitt, A., Costarino, et al
  LIPPINCOTT WILLIAMS & WILKINS.2022: 522

- **Establishing a risk assessment framework for point-of-care ultrasound.** *European journal of pediatrics*
  Conlon, T. W., Yousef, N., Mayordomo-Colunga, J., Tissot, C., Fraga, M. V., Bhombal, S., Suryawanshi, P., Villanueva, A. M., Siassi, B., Singh, Y.
  2021

- **Cardiac Dysfunction in Neonatal HIE Is Associated with Increased Mortality and Brain Injury by MRI.** *American journal of perinatology*
  Altit, G., Bonifacio, S. L., Guimaraes, C. V., Bhombal, S., Sivakumar, G., Yan, B., Chock, V., Meurs, K. V.
  2021

- **End-organ saturations correlate with aortic blood flow estimates by echocardiography in the extremely premature newborn - an observational cohort study.** *BMC pediatrics*
  Altit, G., Bhombal, S., Chock, V. Y.

2021; 21 (1): 312

- **Cerebral saturation reflects anterior cerebral artery flow parameters by Doppler ultrasound in the extremely premature newborn.** *Journal of perinatology : official journal of the California Perinatal Association*
  Altit, G., Bhombal, S., Chock, V. Y.
  2021
- **The evolution of cardiac point of care ultrasound for the neonatologist.** *European journal of pediatrics*
  Singh, Y., Bhombal, S., Katheria, A., Tissot, C., Fraga, M. V.
  2021
- **Status of Multidisciplinary Collaboration in Neonatal Cardiac Care in the United States.** *Pediatric cardiology*
  Levy, V. Y., Bhombal, S., Villafane, J., McBride, M. E., Chung, S., Figueroa, M., Hopper, A., Johnson, J. N., Costello, J. M., Neonatal Cardiac Care Collaborative(NeoC3)
  2021
- **Blood pressure goals: Is cerebral saturation the new mean arterial pressure?** *American journal of perinatology*
  McKim, K. J., Lucafo, S., Bhombal, S., Bain, L., Chock, V. Y.
  2021
- **A Fetal Risk Stratification Pathway for Neonatal Aortic Coarctation Reduces Medical Exposure.** *The Journal of pediatrics*
  Maskatia, S. A., Kwiatkowski, D., Bhombal, S., Davis, A. S., McElhinney, D. B., Tacy, T. A., Algaze, C., Blumenfeld, Y., Quirin, A., Punn, R.
  2021
- **Where Does Innovation in Critical Care Ultrasound Come From? Perhaps a Look in the Mirror.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*
  Su, E., Bhombal, S., Fraga, M. V.
  2020; 21 (10): 919–20
- **Comprehensive Echocardiographic Assessment of Ventricular Function and Pulmonary Pressure in the Neonatal Omphalocele Population.** *American journal of perinatology*
  Dal Col, A. K., Bhombal, S., Tacy, T. A., Hintz, S. R., Feinstein, J., Altit, G.
  2020
- **Diminished right ventricular function at diagnosis of pulmonary hypertension is associated with mortality in bronchopulmonary dysplasia.** *Pulmonary circulation*
  Altit, G., Bhombal, S., Feinstein, J., Hopper, R. K., Tacy, T. A.
  2019; 9 (3): 2045894019878598
- **Moving Beyond the Stethoscope: Diagnostic Point-of-Care Ultrasound in Pediatric Practice.** *Pediatrics*
  Conlon, T. W., Nishisaki, A., Singh, Y., Bhombal, S., De Luca, D., Kessler, D. O., Su, E. R., Chen, A. E., Fraga, M. V.
  2019
- **Diminished right ventricular function at diagnosis of pulmonary hypertension is associated with mortality in bronchopulmonary dysplasia** *PULMONARY CIRCULATION*
  Altit, G., Bhombal, S., Feinstein, J., Hopper, R. K., Tacy, T. A.
  2019; 9 (3)
- **Targeted neonatal echocardiography in the United States of America: the contemporary perspective and challenges to implementation** *PEDIATRIC RESEARCH*
  Giesinger, R. E., Stanford, A. H., Rios, D. R., Bhombal, S., Fraga, M. V., Levy, V. Y., McNamara, P. J., Ashrafi, A., Backes, C., Bhombal, S., Fraga, M., Giesinger, R. E., Groves, et al
  2019; 85 (7): 919–21
- **Death or resolution: the "natural history" of pulmonary hypertension in bronchopulmonary dysplasia** *JOURNAL OF PERINATOLOGY*
  Altit, G., Bhombal, S., Hopper, R. K., Tacy, T. A., Feinstein, J.
  2019; 39 (3): 415–25
- **Targeted neonatal echocardiography in the United States of America: the contemporary perspective and challenges to implementation. Letter to the Editor.** *Pediatric research*
  Giesinger, R., Stanford, A., Rios, D., Bhombal, S., Fraga, M., Levy, V., McNamara, P., United States Hemodynamics Collaborative

2019

- **Death or resolution: the "natural history" of pulmonary hypertension in bronchopulmonary dysplasia.** *Journal of perinatology : official journal of the California Perinatal Association*
  Altit, G., Bhombal, S., Hopper, R. K., Tacy, T. A., Feinstein, J.
  2019
- **PDA: To treat or not to treat**
  Sankar, M. N., Bhombal, S., Benitz, W. E.
  WILEY.2019: 46–51
- **Hemodynamic management in chronically ventilated infants.** *Seminars in fetal & neonatal medicine*
  Bhombal, S. n., Noori, S. n.
  2019: 101038
- **PDA: To treat or not to treat.** *Congenital heart disease*
  Sankar, M. N., Bhombal, S., Benitz, W. E.
  2019; 14 (1): 46–51
- **Fetal Echocardiographic Parameters and Surgical Outcomes in Congenital Left-Sided Cardiac Lesions.** *Pediatric cardiology*
  Edwards, L. A., Arunamata, A. n., Maskatia, S. A., Quirin, A. n., Bhombal, S. n., Maeda, K. n., Tacy, T. A., Punn, R. n.
  2019
- **Immediate Postnatal Ventricular Performance Is Associated with Mortality in Hypoplastic Left Heart Syndrome** *PEDIATRIC CARDIOLOGY*
  Altit, G., Bhombal, S., Chock, V. Y., Tacy, T. A.
  2019; 40 (1): 168–76
- **Immediate Postnatal Ventricular Performance Is Associated with Mortality in Hypoplastic Left Heart Syndrome.** *Pediatric cardiology*
  Altit, G., Bhombal, S., Chock, V. Y., Tacy, T. A.
  2018
- **Diminished Cardiac Performance and Left Ventricular Dimensions in Neonates with Congenital Diaphragmatic Hernia** *PEDIATRIC CARDIOLOGY*
  Altit, G., Bhombal, S., Van Meurs, K., Tacy, T. A.
  2018; 39 (5): 993–1000
- **End-Organ Saturation Differences in Early Neonatal Transition for Left-versus Right-Sided Congenital Heart Disease** *NEONATOLOGY*
  Altit, G., Bhombal, S., Tacy, T. A., Chock, V. Y.
  2018; 114 (1): 53–61
- **Ventricular Performance is Associated with Need for Extracorporeal Membrane Oxygenation in Newborns with Congenital Diaphragmatic Hernia** *JOURNAL OF PEDIATRICS*
  Altit, G., Bhombal, S., Van Meurs, K., Tacy, T. A.
  2017; 191: 28-+
- **Ventricular Performance is Associated with Need for Extracorporeal Membrane Oxygenation in Newborns with Congenital Diaphragmatic Hernia.** *The Journal of pediatrics*
  Altit, G., Bhombal, S., Van Meurs, K., Tacy, T. A.
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- **The use of non-steroidal anti-inflammatory drugs for patent ductus arteriosus closure in preterm infants** *SEMINARS IN FETAL & NEONATAL MEDICINE*
  Benitz, W. E., Bhombal, S.
  2017; 22 (5): 302–7
- **Prophylactic Indomethacin-Is It Time to Reconsider?** *JOURNAL OF PEDIATRICS*
  Bhombal, S., Benitz, W. E.
  2017; 187: 8–10
- **Practices surrounding pulmonary hypertension and bronchopulmonary dysplasia amongst neonatologists caring for premature infants.** *Journal of perinatology : official journal of the California Perinatal Association*

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