Shazia Bhombal
Clinical Associate Professor (By courtesy), Pediatrics - Cardiology

Bio

ACADEMIC APPOINTMENTS
- Clinical Associate Professor (By courtesy), Pediatrics - Cardiology
- Member, Maternal & Child Health Research Institute (MCHRI)

Research & Scholarship

CLINICAL TRIALS
- Remodulin as Add-on Therapy for the Treatment of Persistent Pulmonary Hypertension of the Newborn, Recruiting

Publications

PUBLICATIONS
- **Call to action: gender equity in neonatology.** *Journal of perinatology : official journal of the California Perinatal Association*
  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*
  2022

- **REAL-TIME ULTRASOUND GUIDANCE TO INCREASE SUCCESS OF UMBILICAL VENOUS CANNULATION**
  LIPPINCOTT WILLIAMS & WILKINS.2022: 522

- **Establishing a risk assessment framework for point-of-care ultrasound.** *European journal of pediatrics*
  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
  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
  2021

  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
  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
  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
  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.
• 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*
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.
2017

• 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*