

UCSF'S 12TH INTERNATIONAL CONFERENCE
NEONATAL & CHILDHOOD PULMONARY VASCULAR DISEASE

Hilton San Francisco - Financial District
(Mason I & II Room, Second Floor)

WORKSHOP

**Approach to Monitoring Pulmonary Hemodynamics and Assessment
of Chronic Pulmonary Hypertension in Preterm Infants**

Moderators: Patrick McNamara, Hythem Nawaytou & Robin Steinhorn

Thursday, March 7, 2019
2:00pm – 5:30pm

Overview

With increased survival of extremely low birth weight infants due to enhanced technological precision the volume of patients with significant bronchopulmonary dysplasia and secondary chronic pulmonary hypertension (cPH) has risen. Secular changes in the approach to the management of a Patent Ductus Arteriosus may also contribute to increased pulmonary vascular disease. Evidence regarding the natural history of cPH is just emerging and advances in echocardiography assessment may enhance diagnostic precision. The goal of this workshop is to appraise contemporary diagnostic methods including their limitations, discuss advances in echocardiography assessment of chronic pulmonary hypertension, and evaluate alternative diagnostic methods including CT, MRI and cardiac catheterization.

- 2:00pm *Registration and Coffee*
- 2:30 **Introduction/Overview of the Clinical Relevance of Chronic Pulmonary Hypertension in Preterm Infants**
Dr. Patrick McNamara
- 2:45 **Reliability of Conventional Echocardiography Assessment of Pulmonary Hypertension in Preterm Infants**
Dr. Hythem Nawaytou
- 3:05 **Assessment of Pulmonary Hemodynamics and Early Prediction of Chronic Pulmonary Hypertension in Preterm Infants**
Dr. Amish Jain
- 3:25 *Break*
- 3:40 **Enhanced Assessment of Right Ventricular Function in Preterm Infants with Chronic Pulmonary Hypertension**
Dr. Philip Levy
- 4:00 **Value of Cardiac Catheterization in Preterm Infants with Chronic Pulmonary Hypertension**
Dr. David Teitel
- 4:20 **Panel Discussion: Approach to Assessment and Monitoring of Preterm Infants with Chronic Pulmonary Hypertension**

Moderators: Drs. Patrick McNamara, Hythem Nawaytou & Robin Steinhorn
Panel Members: Drs. Amish Jain, Philip Levy, Steven Abman, David Teitel and Roberta Keller
- 5:20 **Closing Remarks**
Dr. Patrick McNamara
- 5:30pm *Adjourn*