

Pulmonary hypertension (PH) is a commonly encountered finding on echocardiography for clinicians on the front lines. There is tremendous need for education of licensed care providers regarding how to evaluate patients with PH and the need for timely referral and treatment at centers specialized in this disorder. Systemic sclerosis associated pulmonary arterial hypertension (PAH) is a particularly challenging form of PAH to diagnose and manage. This course will review the proper diagnostic workup of patients with PH on an echo and will review the currently available PAH specific therapies. It will also examine the unique features of Systemic Sclerosis-Associated PAH and the cardiac adaptations that evolve in these patients. It will also discuss the outcomes of PH in Pregnancy and the approach to the intensive care management of right heart failure from severe PH.

Symposium Faculty *subject to change*

COURSE DIRECTOR
Terence K. Trow MD
*Associate Professor of Medicine
Director, Yale Pulmonary Vascular Disease Program
Section of Pulmonary, Critical Care & Sleep Medicine
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FACULTY
Wassim H. Fares MD, MSc
*Assistant Professor of Medicine
Section of Pulmonary, Critical Care & Sleep Medicine
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Paul M. Hassoun MD
*Professor of Medicine
(Pulmonary & Critical Care Medicine)
Director, Pulmonary Hypertension Program
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Stephen C. Mathai MD, MHS
*Assistant Professor of Medicine
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Janice Napoletano RN
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*Post-Doctoral Fellow
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Symposium Schedule *subject to change*

YALE SCHOOL OF MEDICINE SYMPOSIUM

This symposium will be held at the Madison Beach Hotel, 94 West Wharf Road, Madison, CT.

7:30 AM	Registration and Continental Breakfast
8:30 AM	Welcome and Introductory Remarks <i>Terence K. Trow MD</i>
8:40 AM	Diagnosis and Classification of Pulmonary Arterial Hypertension; Distinguishing PAH from PH <i>Wassim H. Fares MD, MSc</i>
9:25 AM	Systemic Sclerosis— Associated Pulmonary Arterial Hypertension — Clinical and Hemodynamic Distinction from Other Forms of Pulmonary Arterial Hypertension <i>Stephen C. Mathai MD, MHS</i>
10:00 AM	A Case in Point— A Patient’s Perspective <i>Janice Napoletano RN</i>
10:30 AM	Refreshment Break
10:45 AM	Endothelin Receptor Antagonists in the Treatment of Pulmonary Arterial Hypertension <i>Terence K. Trow MD</i>
11:15 AM	Cardiac Complications of Systemic Sclerosis: Myocardial Strain, Myocardial Perfusion Reserve, Right Ventricular Adaptations, and Pulmonary Artery Compliance vs. Resistance Contributions to Pulmonary Hypertension in Systemic Sclerosis <i>Paul M. Hassoun MD</i>
11:45 AM	Cases from the Yale Pulmonary Vascular Disease Program <i>Maor Sauler MD</i>
NOON	Lunch
1:00 PM	Phosphodiesterase-5 Inhibitors and the Nitric Oxide Pathway in the Management of Pulmonary Arterial Hypertension <i>Wassim H. Fares MD, MSc</i>
1:30 PM	Pulmonary Hypertension and Pregnancy <i>Terence K. Trow MD</i>

1:50 PM	Clinical Course of Systemic Sclerosis-Associated Pulmonary Arterial Hypertension: Response to Therapy and Determinants of Survival <i>Stephen C. Mathai MD, MHS</i>
2:20 PM	Pulmonary Arterial Hypertension Specific Therapies in Systemic Sclerosis Patients with Interstitial Lung Disease and Pulmonary Arterial Hypertension <i>Paul M. Hassoun MD</i>
3:00 PM	Refreshment Break
3:30 PM	Intensive Care Unit Management of Patients with Severe Pulmonary Hypertension and Right Heart Failure <i>Wassim H. Fares MD, MSc</i>
4:00 PM	Inhaled and Infused Prostanoid Therapy in the Management of Pulmonary Arterial Hypertension <i>Terence K. Trow MD</i>
4:45 PM	Hope and Advocacy: A Message from the Pulmonary Hypertension Association
5:00 PM	Adjourn



Learning Objectives

- This course will enable participants to:
- ~ Conduct the detailed workup needed to properly classify which form of PH a given patient may have
 - ~ Implement the data supporting the use of the 10 PAH specific therapies currently available
 - ~ Recognize the unique clinical and cardiac features of Systemic Sclerosis Associated Pulmonary Arterial Hypertension
 - ~ Discuss the physiologic stresses of pregnancy that make child delivery a grave risk for pregnant patients with PH
 - ~ Review the treatment approach for patients in the Intensive Care Unit suffering from right heart failure from severe PH



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