#### Details

#### ACCREDITATION STATEMENT

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

#### DESIGNATION STATEMENT

The Yale School of Medicine designates this live activity for a maximum of 5.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### FINANCIAL SUPPORT

The Yale School of Medicine, Department of Internal Medicine, Section of Pulmonary, Critical Care & Sleep Medicine is grateful to its supporters. They are acknowledged in all conference materials.

#### DISCLOSURE POLICY

It is the policy of Yale School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity and scientific rigor in all its educational programs. All faculty participating as speakers in these programs are required to disclose any relevant financial relationship(s) they (or spouse or partner) have with a commercial interest that benefits the individual in any financial amount that has occurred within the past 12 months; and the opportunity to affect the content of CME about the products or services of the commercial interests. The Center for Continuing Medical Education will ensure that any conflicts of interest are resolved before the educational activity occurs.

#### DIRECTIONS

This conference will be held at the Anlyan Center for Medical Research and Education, 1st Floor Auditorium, 300 Cedar Street, New Haven, CT.

#### From I-95 North or South:

Leave I-95 at Exit 47 (Downtown New Haven/Rte 34). This puts you onto an exit expressway. Merge onto CT-34 W via Exit 1 toward Downtown New Haven. Follow the short expressway, and merge into the left lane after the traffic light; the entrance to the parking garage will be on your left. Visitor parking available in Air Rights Garage (see parking information below) or use the Howard Avenue Garage (see below).

#### From I-91 South:

Leave I-91 South at Exit 1 (Downtown New Haven/Rte 34). This exit puts you onto a short expressway. Follow the short expressway, and merge into the left lane after the traffic light; the entrance to the garage will be on your left. Visitor parking available in the Air Rights Garage (see parking information below) or use the Howard Avenue Garage (see below).

#### PARKING INFORMATION

Air Rights Garage. is open 24 hours a day and located between North and South Frontage roads, straddling York St. Rates: 0-3 hours - \$3 per hour, 4-10 hours - \$12 flat rate, 10-24 hours - \$18 flat rate. Walking from the garage, head southwest on York Street toward Cedar Street, for approximately 80 feet. Turn left onto Cedar Street. Continue down Cedar Street until you arrive at the intersection of Congress Avenue and Cedar Street. The Anlyan Center will be across the street.

Howard Avenue Garage, 800 Howard Ave, New Haven, CT 06519, opposite from Yale-New Haven Hospital and next to the Yale Physicians Building. The garage is located in between the streets of Davenport and Congress. It is open from 6 am to 9 pm during week days only. Rates: \$3 per hour. Walking from the garage, head south toward Congress Avenue for approximately 300 feet. Turn left onto Congress Avenue and continue walking until you arrive at the intersection of Congress Avenue and Cedar Street. The Anlyan Center is located

The New Haven Parking Authority, (203) 946-8936, can provide further assistance for rate information.

Center for Continuing Medical Education

333 Cedar Street P.O. Box 208052



# 2019 Yale Sleep Symposium: Sleep and the Heart



Friday, December 6, 2019

The Anlyan Center for Medical Research and Education New Haven, Connecticut

Yale Medicine

Sleep disorders are important and highly prevalent in the general population, with elevated rates among those with cardiovascular disease. Sleep disorders may impact heart failure, atrial fibrillation and coronary artery disease. Clinicians frequently encounter patients in whom a sleep disorder is suspected and must be equipped with the tools to approach for these patients, including when to order further testing and or consultation with a sleep specialist. Successful management of cardiovascular disorders may be improved by ensuring appropriate identification and management of comorbid sleep disorders.

This course is aimed at a broad audience that includes cardiologists, sleep providers, and primary care providers. It contains an overview of the relationship between cardiovascular disease and sleep disorders. Presenters will review the evidence linking sleep duration, sleep-disordered breathing (both obstructive and central sleep apnea), and insomnia to cardiac outcomes including heart failure, arrhythmias, and coronary artery disease. Information presented will highlight the controversy regarding the management of central sleep apnea in patients with chronic heart failure, strategies for improving adherence to positive airway pressure therapy among intolerant patients, and approaches for screening patients for sleep disorders that may be incorporated into their medical practice.

## Conference Faculty subject to change

#### COURSE DIRECTOR

## Lauren Tobias MD Medical Director.

VA Connecticut Healthcare Sleep Program Assistant Professor of Medicine Pulmonary, Critical Care and Sleep Medicine Yale School of Medicine

#### FACULTY SPEAKERS

#### James V. Freeman MD

Associate Professor of Medicine (Cardiology) Yale School of Medicine Director of the Yale Atrial Fibrillation Program

#### Janet Hilbert MD

Assistant Professor of Clinical Medicine Pulmonary, Critical Care and Sleep Medicine Yale School of Medicine

#### Melissa Knauert MD, PhD

Assistant Professor of Medicine Pulmonary, Critical Care and Sleep Medicine Yale School of Medicine

#### Brian Koo MD

Sleep Lab Director, VA Connecticut Healthcare Sleep Program Associate Professor of Medicine (Neurology) Yale School of Medicine

#### Daniel Jacoby MD

Cleveland Clinic

Director, Comprehensive Heart Failure Program Associate Professor of Medicine (Cardiology) Yale School of Medicine

Reena Mehra MD, MS Director, Sleep Disorders Research, Sleep Center of the Neurological Institute Professor, Department of Medicine

## COURSE CO-DIRECTOR

#### Christine Won MD, MS

Medical Director, Yale Centers for Sleep Medicine Associate Professor of Medicine Pulmonary, Critical Care and Sleep Medicine Yale School of Medicine

#### Vahid Mohsenin MD

Professor of Medicine Pulmonary, Critical Care and Sleep Medicine Yale School of Medicine

#### Nancy Redeker PhD, RN

Beatrice Renfield Term Professor of Nursing Yale School of Nursing

#### Lynelle Schneeberg PsyD

Assistant Professor of Clinical Psychiatry Department of Psychiatry Yale School of Medicine

#### Neomi Shah MD, MPH

Associate Division Chief of Pulmonary Critical Care & Sleep Medicine Associate Professor of Medicine Icahn School of Medicine at Mount Sinai

#### Henry K. Yaggi MD, MPH

Director, Yale Centers for Sleep Medicine, Yale Sleep Program Associate Professor of Medicine Pulmonary, Critical Care and Sleep Medicine Yale School of Medicine

### Conference Schedule subject to change

- 8:00 AM Registration and Continental Breakfast 8:55 AM Welcome and Introductions
- Lauren Tobias MD
   9:00 AM Sleep Apnea and Myocardial Infarction: Lessons from the Past Decade Neomi Shah MD, MPH
- 9:30 AM Does Treatment of Obstructive Sleep Apnea Impact Cardiovascular Outcomes? Henry K. Yaggi MD, MPH
- 9:55 AM Evidence-based Management of Atrial Fibrillation James V. Freeman MD
- 10:20 AM Refreshment Break
- 10:45 AM Indications for Sleep Testing in Patients with Atrial Fibrillation and Other Arrhythmias

  \*Reena Mehra MD, MS\*\*
- 11:15 AM Central Sleep Apnea in Heart Failure: To Treat or Not to Treat? *Christine Won MD, MSc*
- 11:40 AM How Can I Help my Patient Get Used to CPAP? Lauren Tobias MD
- 12:00 PM Lunch
- 12:45 PM Are You Getting Enough Sleep? Impact of Sleep Duration and Cardiovascular Disease

  Melissa Knauert MD, PhD
- 1:10 PM Optimizing Heart Failure Management in 2019

  Daniel Jacoby MD
- 1:35 PM Incorporating Brief OSA Screening into your Practice and Pre-Procedural Assessment Ianet Hilbert MD
- 2:00 PM Refreshment Break
- 2:15 PM Impact of Sleep Apnea on the Right Heart Vahid Mohsenin MD
- 2:40 PM Insomnia in Heart Failure Nancy Redeker PhD, RN and Lynelle Schneeberg PsyD
- 3:15 PM Periodic Limb Movements: A Risk Factor for Cardiovascular Disease? Brian Koo MD
- 3:35 PM Questions and Closing Remarks
- 3:45 PM Adjourn

## Learning Objectives

This course will enable participants to:

- ~ Identify sleep breathing disorders that commonly affect patients with cardiac disease
- ~ Appreciate the impact of positive airway pressure therapy on cardiovascular disorders including heart failure, coronary artery disease and atrial fibrillation
- ~ Identify the role of sleep disordered breathing on pulmonary hypertension and right heart failure
- ~ Discuss the relationship between sleep duration and circadian disruption on cardiovascular disease
- ~ Assess patients at high risk for adverse perioperative outcomes and incorporate screening into their practice
- ~ Review the relationship between insomnia and heart failure including implications for patient prognosis and management strategies

## Registration Information

PLEASE NOTE: You must register online. This informational panel is not a registration form.

## 2019 Yale Sleep Symposium: Sleep and the Heart

Friday, December 6, 2019

Register online, at cme.yale.edu

#### ONLINE REGISTRATION INSTRUCTIONS:

- 1. Go to "Our Offerings"
- 2. Click "Find/Register for CME"
- 3. Scroll down and select "2019 Yale Sleep Symposium"
- 4. Click "Register" in order to proceed

Please note: You will be required to login or create a profile to register

**OR,** Please scan the image at right (QR Code) with your Smartphone or Tablet to be directed to the conference homepage and proceed with Step 4.



#### REGISTRATION FEES

Registration fee\* includes CME credit, continental breakfast, refreshment break, and lunch:

Physicians – \$150 Nurses/PAs/Allied Health Professionals – \$100 Sleep Technologists – \$50 Non-Yale Residents/Fellows/Students† – \$25 Yale Residents/Fellows/Students† – complimentary

\*All cancellations must be received in writing (or via e-mail) at least one week prior to the start of the conference to receive a refund. Any requests for refunds received after this date, or by telephone, will **not** be honored.

†A letter of verification from department head must accompany registration. Letter should be sent separately to Yale CME at the below address. You may also e-mail a pdf copy of your verification letter to cme@yale.edu.

Center for Continuing Medical Education Yale School of Medicine 333 Cedar Street P.O. Box 208052

New Haven, CT 06520-8052

★Registration must be completed online. Please see above Online Instructions to complete the registration process.

If you have any questions, please contact Yale CME at cme@yale.edu or 203.785.4578.

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Pulmonary, Critical Care, and Sleep Medicine