



Penn Medicine

Continuing Medical and
Interprofessional Education

**Renal-Electrolyte & Hypertension Division
at Penn Medicine**

Presents

BLOOD PRESSURE 2018:

*BP Guidelines: Same Game with Different Rules?
and Secondary Hypertension: An Update with Cases*

A CME/CNE-ACCREDITED CONFERENCE

Friday, October 12, 2018

**Smilow Center for Translational Research
Perelman School of Medicine
at the University of Pennsylvania
3400 Civic Center Blvd
Philadelphia, PA 19104**

www.penncmeonline.com



Delaware Valley Chapter





Program Overview & Target Audience

Hypertension is a common public health problem and affects approximately 30-40% of all adults in the US. The guidelines for BP goals have been evolving and the most recent guidelines from the AHA/ACC target a lower BP goal than previously recommended. There are many controversies about these new guidelines and what the appropriate BP goal is in the different populations including patients with low cardiovascular risk, patients with chronic kidney disease, diabetes and the elderly. There are also many nuances in the treatment of secondary hypertension and the program will discuss approaches to the diagnosis and management of patients with Pheochromocytoma, primary aldosteronism and renovascular disease. We will also discuss other more unique areas of hypertension including the treatment of neurogenic hypotension and the use of novel therapies for the treatment of hypertension specifically renal denervation.

This activity is designed for nephrologists, cardiologists, physician assistants, advanced practice nurses, healthcare professionals, residents and fellows.

Learning Objectives:

Upon successful completion of this activity, participants should be able to:

- Examine the new BP guidelines that physicians and health care providers should adhere to
- Explain the rationale for the new BP guidelines
- Define BP goals in specific populations including DM and CKD
- Describe the diagnosis and management of pheochromocytoma
- Discuss the diagnosis and management of primary aldosteronism
- Discuss the diagnosis and management of renovascular hypertension
- Construct novel therapies of treatment of hypertension specifically the role of renal denervation

Hosting Department

This conference is hosted by the Department of Medicine, Renal-Electrolyte & Hypertension Division at Penn Medicine.

Disclosures

Penn Medicine, Office of Continuing Medical and Interprofessional Education, adheres to the ACCME *Standards for Commercial Support*. Faculty and planners disclosure information will be made available in the conference materials and syllabi. Faculty members are also expected to disclose to participants any discussions of off-label and/or investigational uses of pharmaceutical products within their presentations.

Accreditation



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American

Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Designation of Credit

Physicians: Penn Medicine designates this live activity for a maximum of 4.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses: This activity is approved for 4.5 contact hours.

Physician Assistants: AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of 4.5 Category 1 credits for completing this activity.

Certificates and Transcripts: After the conference has concluded, all participants will receive a follow-up email with instructions and a link. Once participants submit the request for credit, the earned credits will be available for viewing on a transcript and certificates will be available for printing at www.penncmehonline.com. Please note that the individual certificate will not be mailed.

Registration Fees

The registration fee for *Blood Pressure 2018: Raising the Bar on Measurement and Management* is \$50 for all attendees. All University of Pennsylvania, Drexel/Hahnemann University faculty, staff, fellows, residents and students may attend at no charge. Jefferson University residents, fellows and students may also register at no charge.

The registration fee includes admission to the conference, a course booklet, and link to view the presentations online, and a credit certificate. The fee also includes continental breakfast and mid-morning break.

You may register online for the course by visiting www.penncmehonline.com then clicking on CME/CNE activities/live events and scrolling down to this conference on the list. You may also mail your completed registration form. We cannot accept faxed registration forms.

Please see the top of the registration form for mailing information. All registrations will be confirmed in writing if your registration form and fee are received by September 28, 2018.



Cancellation and Refund Policy

In order to process refunds for course withdrawals, cancellations must be received in writing by September 28, 2018 (subject to a service charge of \$15.00). No refunds will be issued thereafter.

The University reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, the University will refund registration fees, but is not responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, and travel agencies.

Meeting Location

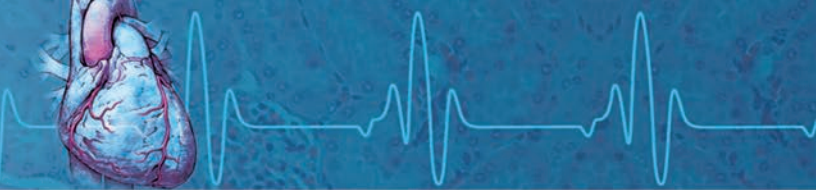
Blood Pressure 2018: BP Guidelines: Same Game with Different Rules? and Secondary Hypertension: An Update with Cases will be held Friday, October 12, 2018 at the Smilow Center for Translational Research, Perelman School of Medicine at the University of Pennsylvania, 3400 Civic Center Boulevard, Philadelphia, Pennsylvania, 19104.

Directions & Parking: The Arthur H. Rubenstein Auditorium is located on the 1st Floor level of the Smilow Center for Translational Research. Smilow CTR is connected to the Perelman Center for Advanced Medicine and is located at 3400 Civic Center Blvd, Philadelphia, PA.

We strongly recommend you use GPS or an online driving directions site (such as mapquest.com, drivingdirections.com or googlemaps.com) for exact directions to and from your starting point or if you prefer to take public transportation to and from campus, please visit <http://www.upenn.edu/services/transportation> for options.

The **3600 Civic Center Blvd Parking Garage** is open for public parking. This garage is accessible from Civic Center Blvd and is located at Civic Center Blvd and West Service Drive (next to the Colket Research Center). The Smilow TRC is about a 5 minute walk from the parking garage. Parking is \$20 per day and parking fees are not paid for or reimbursed by the conference.

Nondiscrimination Statement The University of Pennsylvania values diversity and seeks talented students, faculty, and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East Suite 228, Philadelphia PA 19104-6106 or 215-898-6993 (Voice) or 215- 898-7803 (TDD). www.upenn.edu/affirm-action



COURSE DIRECTOR

Debbie Cohen, MD

Professor of Medicine

Director, Hypertension

Co-director, Neuroendocrine Tumor Program

Perelman School of Medicine at the University of Pennsylvania

SPEAKERS

Italo Biaggioni, MD

Professor of Medicine

and Pharmacology

*David Robertson Professor
in Autonomic Disorders*

Vanderbilt University

Nashville, TN

Mehrdad Hamrahian, MD

Associate Professor of Medicine

Division of Nephrology

Director of Jefferson

Hypertension Center

Thomas Jefferson University

Philadelphia, PA

Christopher B. McFadden, MD

Associate Professor of Medicine

Cooper Medical Center

Camden, NJ

Robin Neubauer, BSN

Clinical Research

Nurse Practitioner

Hospital of the

University of Pennsylvania

Philadelphia, PA

Michael Rudnick, MD

Associate Professor of Medicine

Perelman School of Medicine

at the University of Pennsylvania

Chief, Section of Nephrology

and Hypertension

Penn Presbyterian Medical Center

Penn Medicine

Philadelphia, PA

Allan B. Schwartz, MD

Professor of Medicine

Division of Nephrology

& Hypertension

Drexel University

College of Medicine

Philadelphia, PA

Raymond Townsend, MD

Professor of Medicine

Renal Electrolyte and

Hypertension Division

Perelman School of Medicine

at the University of Pennsylvania

Philadelphia, PA



AGENDA

Friday, October 12, 2018

- 7:30 – 8:00 AM** Registration and Continental Breakfast
- 8:00 – 8:10 AM** Introduction and Welcome
Debbie Cohen, MD
- 8:10 – 8:40 AM** AHA/ACC Guidelines Expounded
Raymond Townsend, MD
- 8:40 – 9:00 AM** BP Goals in Diabetes and Hypertension
Allan Schwartz, MD
- 9:00 – 9:20 AM** BP Goals in CKD
Mehrdad Hamrahian, MD
- 9:20 – 9:40 AM** Aldosterone Excess or Primary Aldosteronism
Debbie Cohen, MD
- 9:40 – 10:00 AM** Blood Pressure Extremes in Parkinson Disease and Related Autonomic Disorders
Italo Biaggioni, MD
- 10:00 – 10:20 AM** Break
- 10:20 – 10:50 AM** Pheochromcytoma: A Genetic Disease?
Debbie Cohen, MD
- 10:50 – 11:20 AM** Renovascular Disease (FMD vs ARAS)
Michael Rudnick, MD
- 11:20 – 11:50 AM** Update on Renal Denervation
Raymond Townsend, MD
- 11:50 AM – 12:20 PM** Debate: How Low Should Your BP Go: Does it Matter?
Yes it Matters: *Raymond Townsend, MD*
No it Doesn't Matter: *Christopher McFadden, MD*
- 12:20 – 12:40 PM** Panel Discussion With All Participants
Moderated by Raymond Townsend, MD and Robin Neubauer, BSN
- 12:45 PM** Adjourn
- 1:00 – 2:00 PM** Board Meeting with Lunch*
**Sign-up required*

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If you are registering using your credit card, please register online at: www.penncmeonline.com and click on CME/CNE Activities/Live Events.

Questions? Contact us at:

Phone: 215-898-6400 or 215-898-8005 • penncme@mail.med.upenn.edu

Please note we are unable to accept faxed registration forms.

Please print or type

Name (First)

(Last)

Academic Degree

Medical Specialty

Affiliation (Hospital, Office, or Company)

Address (Affiliation or Home)

City

State

Zip

Phone

Fax

E-mail

Registration Fee (pre-payment is required to be officially registered)

- \$50.00 for Practicing Physicians and Industry Representatives
Nurses, Healthcare Professionals, Residents and Fellows
- Free for University of Pennsylvania, Drexel/Hahnemann University
and Jefferson University Fellows, Residents and Students
- Free for University of Pennsylvania, Drexel/Hahnemann University
Faculty and Staff
- I will Attend the Board Meeting with Lunch

Payment Method

- If you are paying by credit card, please register online at www.penncmeonline.com and click on CME/CNE Activities/Live Events.
- If you are paying by check, you may mail your completed registration form and check made payable to **The Trustees of the University of Pennsylvania/CME** to:
Conference Coordinator, Penn Medicine, Office of Continuing Medical and Interprofessional Education, 150 Anatomy/Chemistry Building
3620 Hamilton Walk, Philadelphia, PA 19104-6061
- Do not include any credit card information on the registration form or email any credit card information

Please Note: Walk-in registrants must bring payment to the program.
Seating may be limited for walk-in registrants..



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