



Philippine Society of Hypertension

20<sup>th</sup>

# Course on the Fundamentals of Clinical Hypertension

September 9 – December 30, 2023

## COURSE DESCRIPTION

This is a free 33-hour course designed to serve as a review and update of clinical knowledge of hypertension and related disorders. It may be useful for preparing to take the PSH Certifying Examination for Hypertension Specialists, for those teaching hypertension in medical schools and training institutions, for practicing cardiologists, nephrologists, endocrinologists, neurologists and other specialists or primary physicians who manage hypertension. Its most important characteristic is that it is an authoritative source of the most recent and important information about hypertension.

### MODULE 1A

#### PHYSIOLOGY & HEMODYNAMICS OF BLOOD PRESSURE: PATHOPHYSIOLOGY OF HYPERTENSION

September 9, 2023

Physiology and Hemodynamics of Blood Pressure  
**Dr. Nelson S. Abelardo**

Pathophysiology of Hypertension  
**Dr. Glenn Q. Mallari**

### MODULE 1B

#### GENETICS & EPIDEMIOLOGY

September 16, 2023

Genetics of Hypertension  
**Dr. Lourdes Paula R. Resontoc**

Epidemiology, Diagnosis, and Risk Classification  
**Dr. Marlon T. Co**

### MODULE 2A

#### CEREBRAL HEMODYNAMICS

September 23, 2023

CBF, Metabolism & Autoregulation  
**Dr. Alejandro F. Diaz**

Brain Edema, Increased ICP, Herniation  
**Dr. Jose Leonard R. Pascual V**

### MODULE 2B

#### CEREBRAL VASCULOPATHY

September 30, 2023

Basic Mechanisms of Platelet Aggregation, Thrombosis, and Anticoagulation  
**Dr. Sue Ann R. Locnen**

Endothelial Dysfunction and Microcirculation  
**Dr. Jhoanna G. Marcelo**

### MODULE 3

#### TARGET ORGAN INVOLVEMENT

October 7, 2023

Cardiac  
**Dr. Gilbert C. Vilela**  
Renal  
**Dr. Vimar A. Luz**  
Cerebrovascular  
**Dr. Abdias V. Aquino**

### MODULE 4

#### MANAGEMENT OF HYPERTENSION - 1

October 14, 2023

Drug Therapy- Basic Principles of Antihypertensive Drug Therapy  
**Dr. Esperanza I. Cabral**

Drug Therapy - Parenteral Drugs, Drugs of Choice for Initiation and Maintenance Treatment  
**Dr. Dante D. Morales**

### MODULE 5

#### MANAGEMENT OF HYPERTENSION – 2

October 21, 2023

Lifestyle Modification and Primary Prevention  
**Dr. Alberto A. Atilano**

Compliance, Adherence, Persistence  
**Dr. Eugenio B. Reyes**

Evaluation of Effectiveness of Therapy  
**Dr. Felix Eduardo R. Punzalan**

## MODULE 6

### SECONDARY HYPERTENSION

October 28, 2023

Endocrine and Other Hormonal Causes of Hypertension  
**Dr. Leilani B. Mercado-Asis**

Renal and Renovascular Causes of Hypertension  
**Dr. Lynn A. Gomez**

Psychogenic, Drug induced, Sleep Apnea, Coarctation of the Aorta  
**Dr. Lourdes Ella G. Santos**

## MODULE 7

### MANAGEMENT OF SPECIAL CONDITIONS 1

November 4, 2023

Peri-operative Hypertension  
**Dr. Joel M. Abanilla**

Resistant Hypertension  
**Dr. Benjamin A. Balmores Jr.**

## MODULE 8

### MANAGEMENT OF SPECIAL CONDITIONS 2

November 11, 2023

Hypertension in Diabetes, Obesity and Metabolic Syndrome: The Diabetic Hypertensive  
**Dr. Erick S. Mendoza**

Insulin Resistance Syndrome: Role of Liver, Skeletal Muscles, Adipose Tissue  
**Dr. Gabriel V. Jasul, Jr.**

## MODULE 9

### MANAGEMENT OF SPECIAL CONDITIONS 3

November 18, 2023

Hypertensive Crises vs. Hypertensive Emergencies vs. Hypertensive Urgencies  
**Dr. Raymond V. Oliva**

Hypertension in Infants, Children and Adolescents  
**Dr. Dolores D. Bonzon**

Hypertension in the Elderly  
**Dr. Deborah Ignacia D. Ona**

## MODULE 10

### MANAGEMENT IN SPECIAL POPULATIONS 1

November 25, 2023

Hypertension with Co-morbidities: Heart Failure, Acute Coronary Syndrome (ACS), Aortic Aneurysm  
**Dr. Adriel E. Guerrero**

Hypertension in Women and Pregnancy  
**Dr. Christia S. Padolina**

## MODULE 11

### MANAGEMENT IN SPECIAL POPULATIONS 2

December 2, 2023

Management of Hypertension in Subarachnoid hemorrhage (SAH), Ruptured Aneurysm, Arteriovenous Malformation (AVM), Moya-Moya, Fibromuscular Dysplasia  
**Dr. Romulo U. Esagunde**

Management of Hypertension in Various Stroke Subtypes, Infarct, Hemorrhage and Cryptogenic Strokes (CS)  
**Dr. Carlos L. Chua**

## MODULE 12

### MANAGEMENT IN SPECIAL POPULATIONS 3

December 9, 2023

Hypertension in Chronic Kidney Disease (CKD) and Hemodialysis Patients  
**Dr. Elizabeth S. Montemayor**

Neurocardiogenic, Orthostatic Hypotension, Panic Disorders, Erectile Dysfunction  
**Dr. Joselito L. Atabug**

## MODULE 13

### CASE STUDIES WORKSHOP (LIVE-INTERACTIVE SESSION)

December 16, 2023

Facilitators:

**Dr. Deborah Ignacia D. Ona**  
**Dr. Arnold Benjamin C. Mina**  
**Dr. Erick S. Mendoza**

Panelists:

**PSH Board of Trustees**  
**Faculty of 20 CFCH**

## MODULE 14

### CASE STUDIES WORKSHOP (LIVE-INTERACTIVE SESSION)

December 23, 2023

Facilitators:

**Dr. Deborah Ignacia D. Ona**  
**Dr. Arnold Benjamin C. Mina**  
**Dr. Erick S. Mendoza**

Panelists:

**PSH Board of Trustees**  
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## MODULE 15

### GUIDELINES-DIRECTED BLOOD PRESSURE MEASUREMENT

December 30, 2023

Review of Proper Blood Pressure Measurement Taking  
**Dr. Gilbert C. Vilela**

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