



#IPNAJ

Classification and Indications of Ambulatory Blood Pressure Monitoring in Children and Adolescents 2022 Update

A Scientific Statement from the American Heart Association






CLASSIFICATION

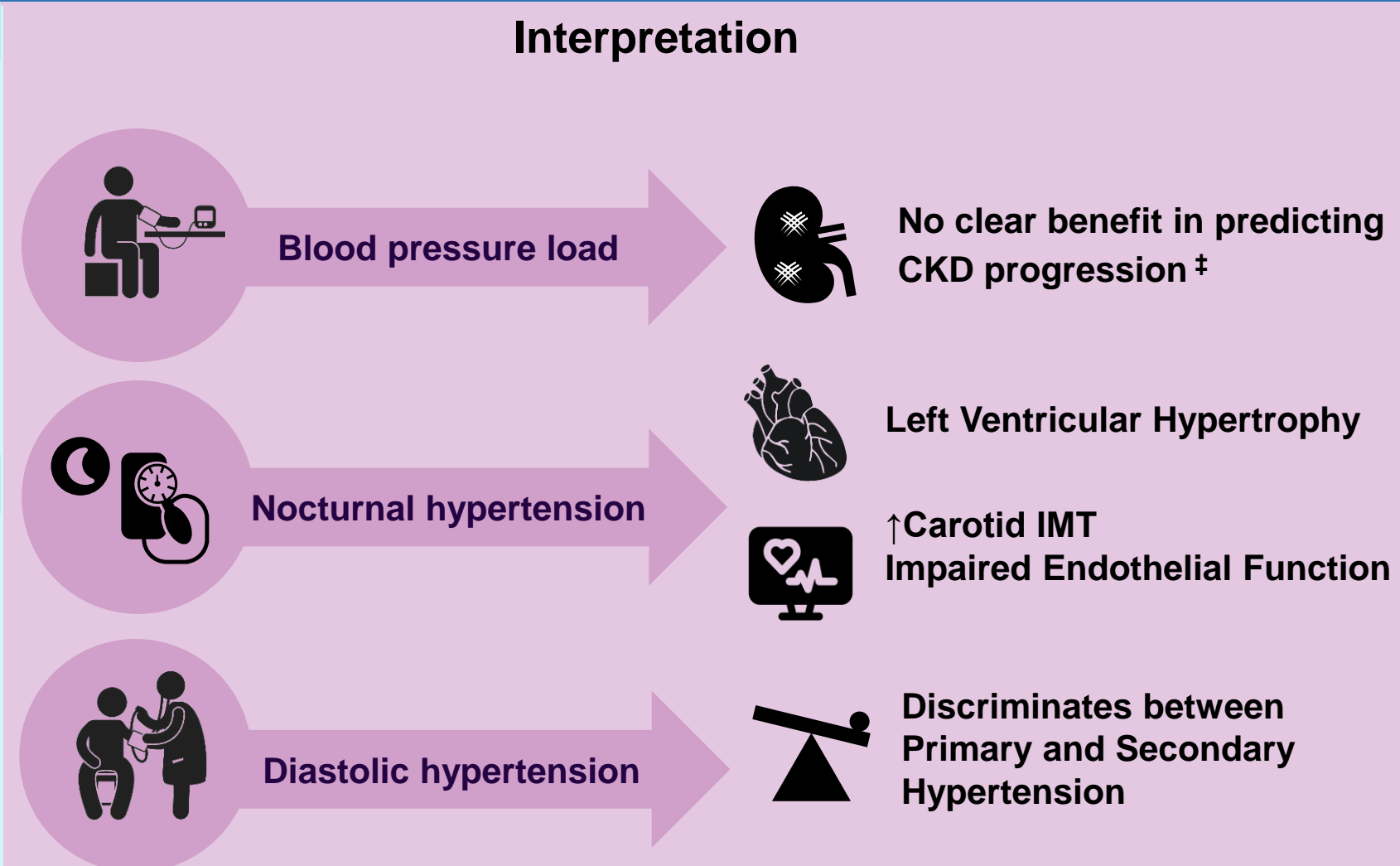
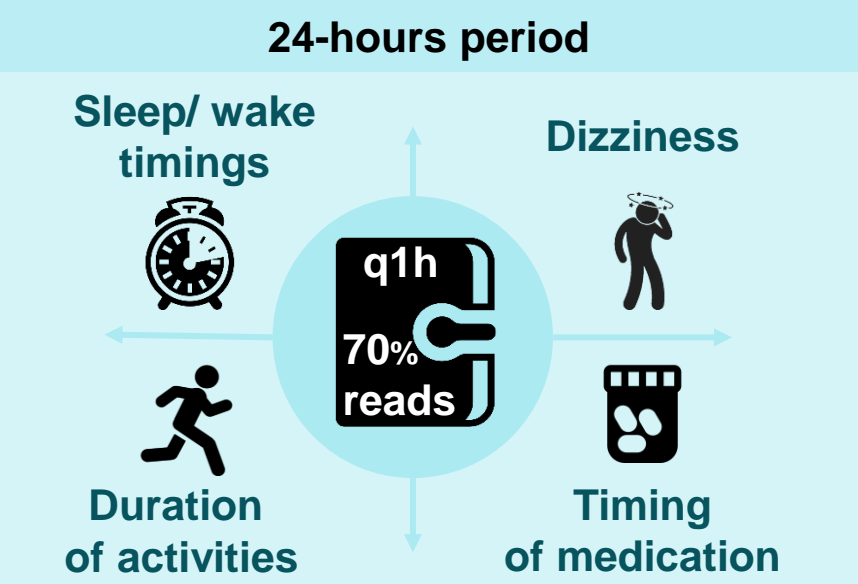
INDICATIONS

Category	Clinic Blood Pressure	Mean Ambulatory Blood Pressure
	<13 Years 13Years & up	<13 Years 13Years & up
Normal Blood Pressure	<95th percentile <130/80	<95th percentile < 125/75 24hr or adolescent cut points <130/80 awake & <110/65 sleep
White Coat Hypertension	≥95th percentile ≥130/80	
Masked Hypertension	<95th percentile <130/80	≥95th percentile ≥125/75 24hr or adolescent cut points ≥130/80 awake & ≥110/65 sleep
Ambulatory Hypertension	≥95th percentile ≥130/80	BP Load is removed

Confirm Hypertension	Secondary Hypertension
Assess BP Patterns In High Risk Patients	
Diabetes	CKD
Solid-Organ transplant	Obesity
Obstructive sleep apnea	Optimize anti- HTN Rx
Genetic Syndromes	Research

Method

-  Validated oscillometric/ auscultatory device with appropriate cuff
-  Reading interval:
Awake: 15-20min Sleep: 20-30min
-  Keep arm limp & relaxed during recording



‡ CKiD: Chronic Kidney Disease in Children Study
*Intima Media Thickness

‡ SHIP-AHOY: Study of High Blood Pressure in Pediatrics: Adult Hypertension Onset in Youth