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Supplemental Table. Treatment Thresholds for Initiating BP Medications

Guidelines	Treatment Recommendations			
	SBP (mmHg)		DBP (mmHg)	
	Consider	Treat	Consider	Treat
JNC-I (1977)			≥ 90	≥ 105
JNC-II (1980)				
General non-elderly population			≥ 90	≥ 105
Renal disease				≥ 90
Elderly (60+ years)	≥ 160			≥ 90
JNC-III (1984)				
General non-elderly population				≥ 90
DM or renal disease				≥ 90
Elderly (60+ years)	≥ 160			≥ 90
JNC-IV (1988)				
General non-elderly population	≥ 160			≥ 90
LVH, DM or renal disease	≥ 160			≥ 90
Elderly (60+ years)	≥ 160		≥ 85	≥ 90
JNC-V (1993)				
General non-elderly population	≥ 140	≥ 150		≥ 90
DM or renal disease	≥ 130	≥ 140		≥ 90
Elderly (60+ years)	≥ 140	≥ 160		≥ 90
JNC-VI (1997)				
General non-elderly population		≥ 140		≥ 90
CHF, renal disease, diabetes		≥ 130		≥ 85
Renal disease w/ Proteinuria		≥ 125		≥ 75
Elderly (60+ years)		≥ 140		≥ 90
JNC-VII (2003)				
General non-elderly population		≥ 140		≥ 90
DM or CKD		≥ 130		≥ 80
Elderly (60+ years)		≥ 140		≥ 90
KDIGO (2012)				
CKD w/albuminuria		≥ 130		≥ 80
CKD w/o albuminuria		≥ 140		≥ 90
Kidney transplant recipients		≥ 130		≥ 80
Elderly (65+ years) w/CKD	≥ 130		≥ 80	
JNC-VIII (2014)				
General non-elderly population, CKD, DM		≥ 140		≥ 90
Elderly (60+ years)	≥ 140	≥ 150		≥ 90
ACC/AHA (2017)				
Low CVD risk (ASCVD score <10%)		≥ 140		≥ 90
High CVD Risk (ASCVD score ≥10%, DM, CKD or CVD)		≥ 130		≥ 80
Kidney transplant recipients		≥ 130		≥ 80
Elderly (65+ years)		≥ 130		

We defined BP thresholds for initiating antihypertensive medication treatment, whether or not a trial of period of lifestyle interventions was recommended first.

Abbreviations: ACC/AHA, American College of Cardiology/American Heart Association; ASCVD, Atherosclerotic Cardiovascular Disease; CHF, Congestive Heart Failure; CKD, Chronic Kidney Disease; CVD, Cardiovascular Disease; DBP, Diastolic Blood Pressure; DM, Diabetes Mellitus; HTN, Hypertension; JNC, Joint National Committee; KDIGO, Kidney Disease Improving Global Outcomes; SBP, Systolic Blood Pressure