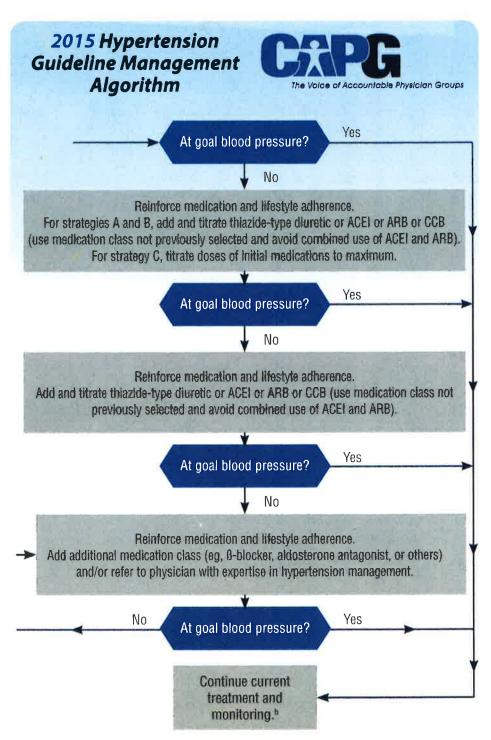
## 2015 Hypertension **Guideline Management Algorithm** Adult aged ≥18 years with hypertension Implement lifestyle interventions (continue throughout management). Set blood pressure goal and initiate blood pressure lowering-medication based on age, diabetes, and chronic kidney disease (CKD). General Population Diabetes or CKD present (no diabetes or CKD) All ages All ages CKD present Age < 60 years Age ≥60 years Diabetes present with or without No CKD diabetes Blood Blood Blood Blood **Pressure Goal** Pressure Goal **Pressure Goal Pressure Goal** SBP < 140 mm Hg SBP <150 mm Ha SBP <140 mm Ha SBP <140 mm Ha DBP <90 mm Hg DBP <90 mm Hg DBP <90 mm Hg DBP < 90 mm Hg Nonblack Black Initiate thiazide-type Initiate ACEI or ARB. Initiate thiazide-type diuretic or ACEI or ARB diuretic or CCB, alone alone or in combination or CCB, alone or in or in combination. with other drug class.8 combination.2 Select a drug treatment titration strategy A. Maximize first medication before adding second or B. Add second medication before reaching maximum dose of first medication or C. Start with 2 medication classes separately or as fixed-dose combination.

SBP indicates systolic blood pressure; DBP, diastolic blood pressure; ACEI, angiotensin-converting enzyme; ARB, angiotensin receptor blocker; and CCB, calcium channel blocker.

- ° ACEIs and ARBs should not be used in combination.
- bif blood pressure fails to be maintained at goal, reenter the algorithm where appropriate based on the current individual therapeutic plan.

James PA, Oparil S, Carter BL, et al. 2014 Evidence-Based Guideline for the Management of High Blood Pressure in Adults: Report From the Panel Members Appointed to the Eighth Joint National Committee (JNC 8), JAMA. 2014;311(5):507-520. doi:10.1001/jama.2013.284427. Copyright 2014 American Medical Association. All rights reserved.



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<sup>a</sup> ACEIs and ARBs should not be used in combination.

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James PA, Oparil S, Carter BL, et al. 201**4 Evidence-Based Guldeline for the M**anagement of High Blood Pressure in Adults: Report From the Panel Members Appointed to the Eighth Joint National Committee (JNC 8). JAMA. 2014;311(5):507-520. doi:10.1001/jama.2013.284427.

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