

# Hypertension Drug Treatment Algorithm

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- This algorithm was recommended in Systolic Blood Pressure Intervention Trial (SPRINT), with chlorthalidone the preferred thiazide-like diuretic, especially for African American patients
- Non-African American patients could also start with either angiotensin-converting enzyme inhibitor (ACEi) or angiotensin receptor blocker (ARB)
- Very effective in achieving even systolic blood pressures < 120 mmHg
- No significant disparity in blood pressure lowering or outcome benefit similar across race/ethnicity was seen in the SPRINT trial
- May be better option in practices with large numbers of African American hypertensives since uses chlorthalidone rather than hydrochlorothiazide (HCTZ) as initial therapy

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