

Hypertension Drug Treatment Algorithm

- This algorithm was recommended in the 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 (SBPs) < 120 mm Hg
- No significant disparity in BP 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

