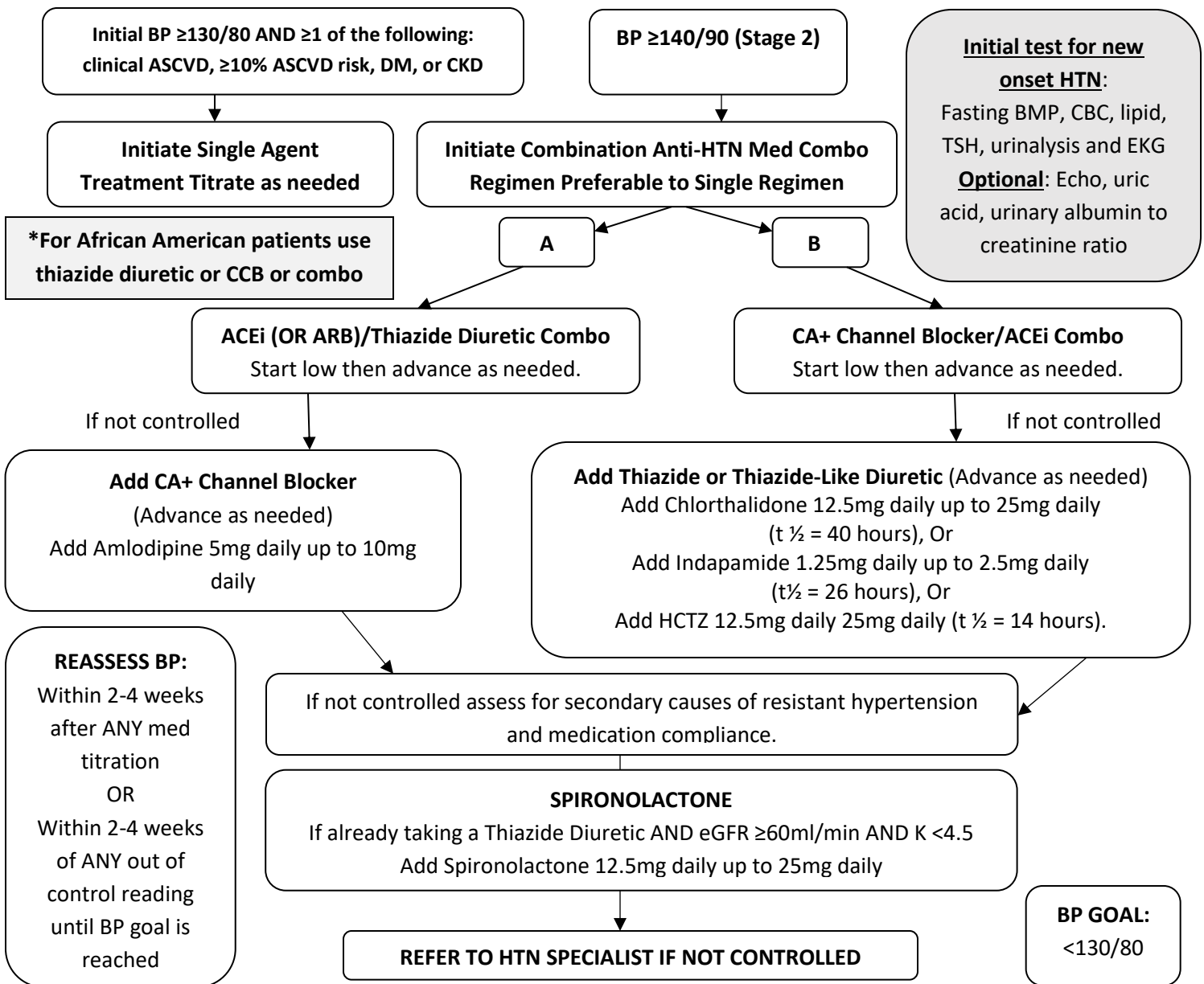


Hypertension Treatment Algorithm



MEDICATIONS FOR PATIENTS WITH CO-MORBIDITIES

Heart Failure rEF	Follow Guideline Directed Medical Therapy: Beta-blocker (Bisoprolol, Carvedilol, or Metoprolol Succ ER) + ACEi/ARB or ARNI +/-Spironolactone. Diuretics for volume management. DO NOT use non-DHP CCB
CAD	ACEi, BB, Diuretic, CCB
DM w/Proteinuria	ACEi/ARB
CKD/Proteinuria	ACEi (ARB if ACEi intolerant), thiazide diuretic, non-DHP CCB. Loop Diuretics preferred if GFR <30
Pregnancy	DO NOT USE ACEi/ARB. Often managed by OB-GYN & HTN specialist. Labetalol (first line), Nifedipine, Methyldopa
2nd degree CVA Prevention	ACEi or ARB, or ACE + Thiazide Diuretic added if needed
SPECIAL CONSIDERATIONS	
Amlodipine	Avoid if recent MI or peripheral edema
RAAS or Diuretics	Assess electrolytes and Cr within 2-4 weeks of initiation. Monitor electrolytes, Cr
ACEi/ARB	Ensure K <5, not pregnant or pursuing pregnancy. If GFR <30 start lowest dose possible.
Thiazide Types	Monitor for low Na+, low K+, uric acid, Ca++. Use with caution in hx of acute gout unless on uric acid lowering RX