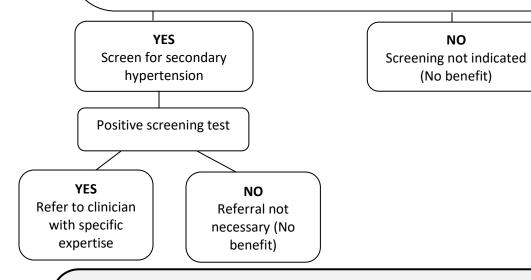


## **Screening for Secondary Hypertension**

## **New Onset or Uncontrolled Hypertension in Adults**

## **Conditions**

- Drug related/induced hypertension
- Abrupt onset of hypertension
- Exacerbation of previously controlled hypertension
- Onset of hypertension at <30 yrs.</li>
  Disproportionate Target Organ Damage for degree or hypertension (cerebral vascular disease, retinopathy, LVH, HFpEF, HFrEF, CAD, CVD, CKD, PAD, albuminuria)
- Accelerated/malignant hypertension
- Unprovoked- or excessive hypokalemia
- Onset of diastolic hypertension in older adults 65 yrs.)



## **Common Causes of Secondary HTN:**

- Renal parenchymal- renal ultrasound
- Renovascular disease- renal doppler ultrasound, MRA, abd CT
- Primary aldosteronism- plasma aldosterone/ renin ratio
- OSA which is 25-50% prevalence- Epworth scale, sleep study
- <u>Drug induced</u>- NSAIDs, steroids/androgens, decongestants, caffeine, MAOIs
- Alcohol induced- UDS