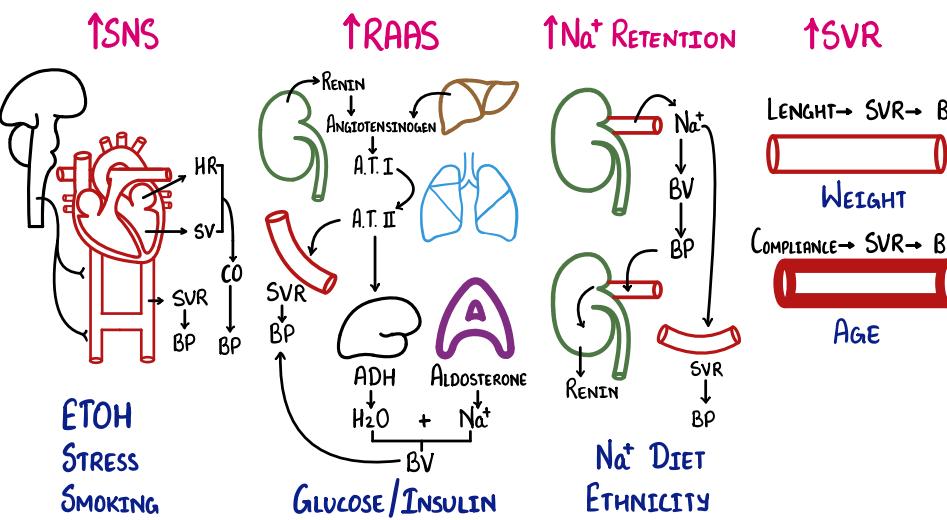
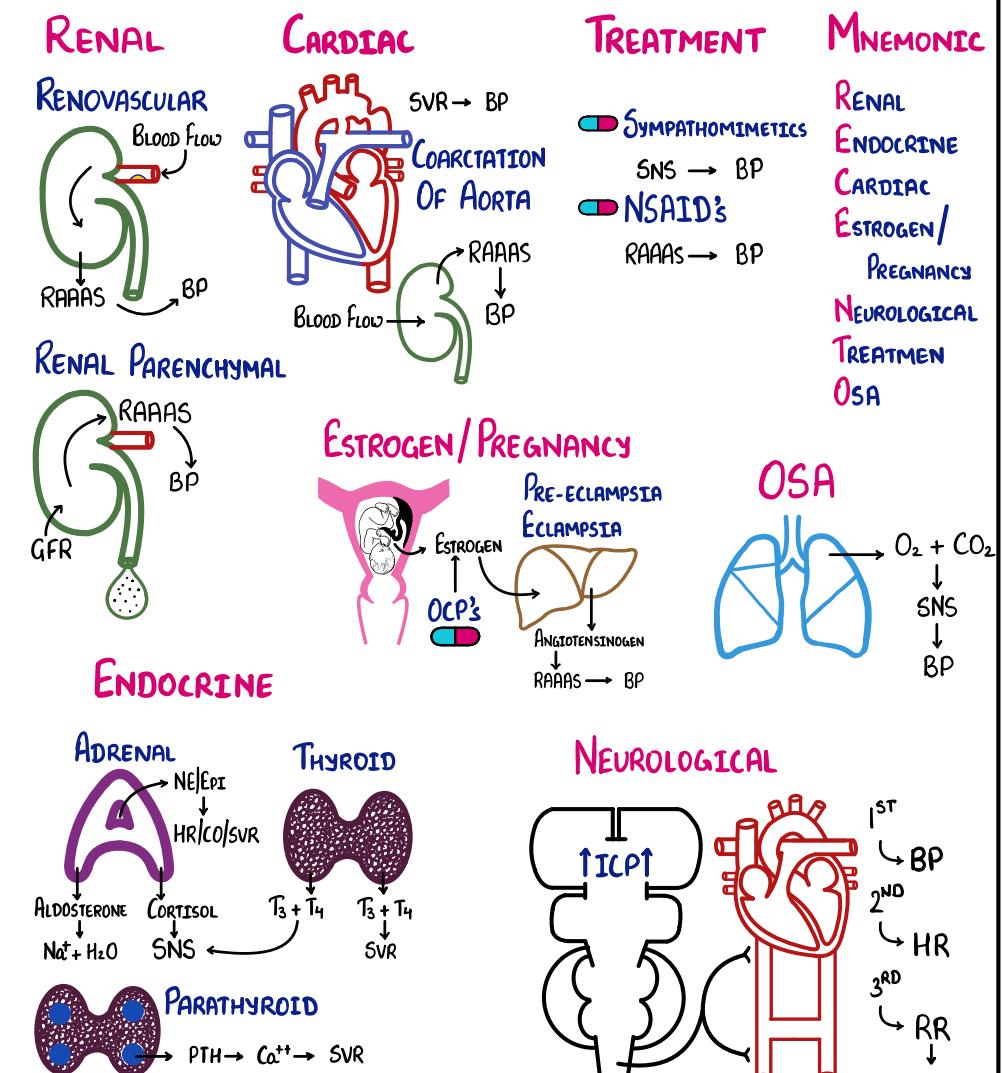


# TYPES OF HTN AND CAUSES / PATHOPHYSIOLOGY

## ESSENTIAL (1<sup>o</sup>) HYPERTENSION (~90-95%)

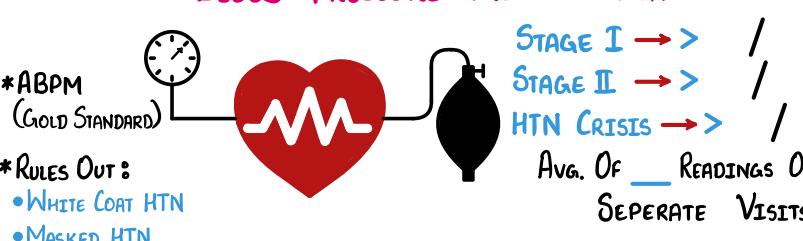


## SECONDARY (2<sup>o</sup>) HYPERTENSION (~5-10%)

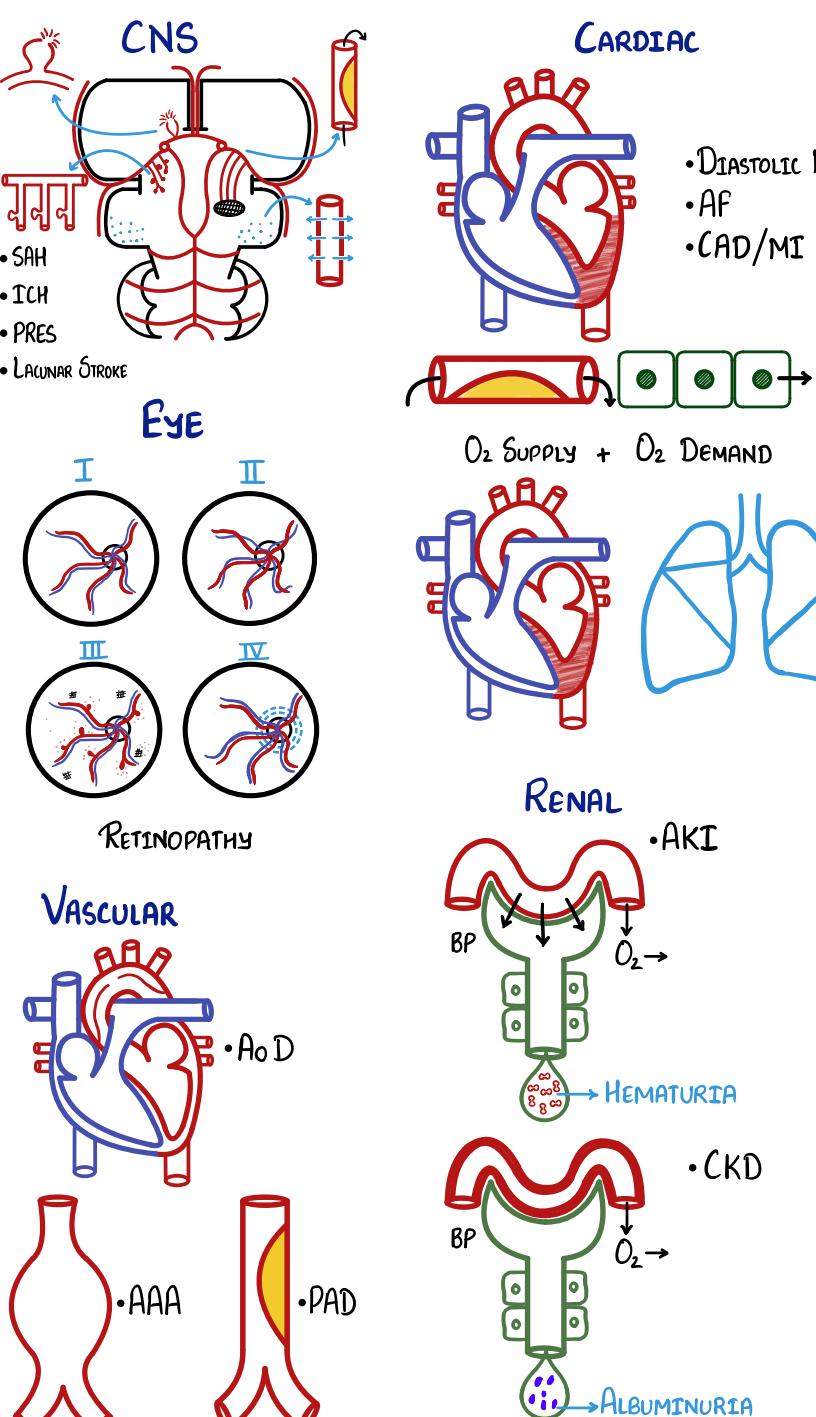


# FEATURES AND COMPLICATIONS OF HTN

## BLOOD PRESSURE MEASUREMENT



## TARGET ORGAN DAMAGE (T.O.D)

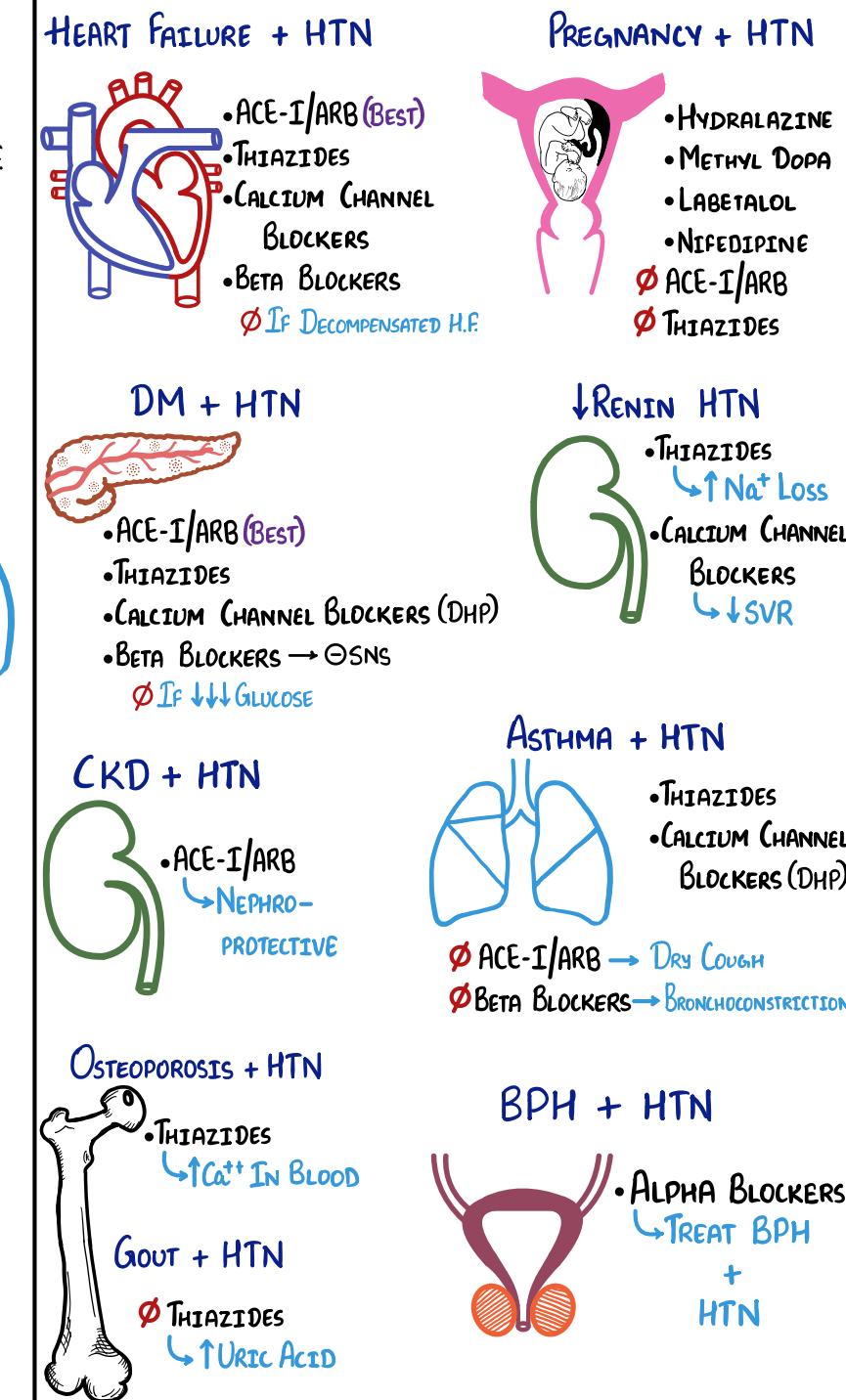


# TREATMENT OF HYPERTENSION AND HTN CRISIS (GOAL: < / )

## LIFESTYLE CHANGES



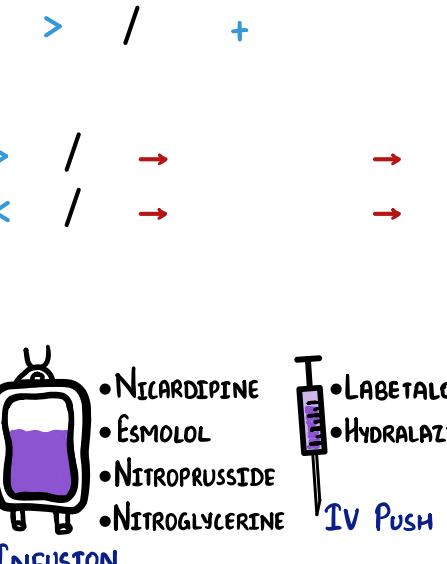
## COMORBIDITY BASED TREATMENT



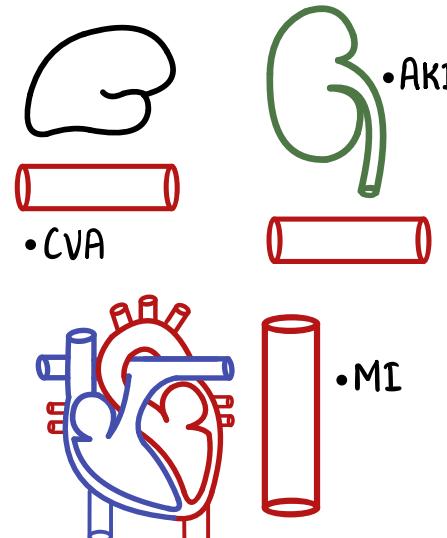
## PHARMACOLOGICAL MANAGEMENT

- ACE-I/ARB's (RAAS)
- Thiazides (Na<sup>+</sup> Retention)
- Dihydropyridine (SVR)
- CCB's
- Beta Blockers (HR/Contractility) ± (SVR)
- Alpha Blockers (SVR)

## HTN EMERGENCY



## AVOID ↓↓ BP



**NINJA NERD**