

Pheo

Who?

- M=F
- Genetic
 - MEN 2
 - VHL
 - NF1
 - Others

What?

• Catecholamine secreting Neuroendocrine Tumor in Adrenal Medulla

Clinical Features

∅ Symptoms

- HTN 10% of 2° HTN
- Episodic = Sustained
- ⊕ Orthostasis

Adrenal Incidentaloma

- 5% → Pheo

⊕ Symptoms

- Headache
- Diaphoresis
- Pallor > Flushing
- Tremor
- N/V

Complications

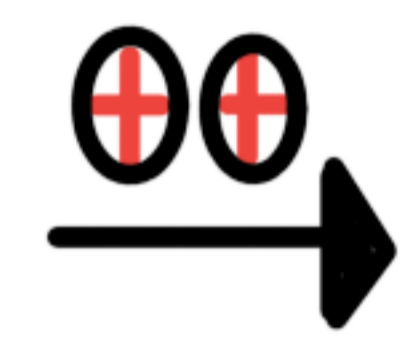
- Acute Sympathetic Crisis
- ACS
- Takotsubo
- Bowel Obstruction

Dx

Step 1

Biochemical

- Metanephrines
Serum/Urine



Step 2

Imaging

- Adrenal CT/MRI

DDx

- 2° HTN
- Adrenal Incidentaloma
- Sympathetic Toxicity

Px

Medical

- ① α-blockers
Then
- ② β-blockers



Surgery

- Adrenalectomy