

PHPT

Epidemiology

- Any Age (predominantly >50y)
- F:M = 2:1
- Woman, postmenopausal (**asintomatic**)
- Young patient -> search for MEN

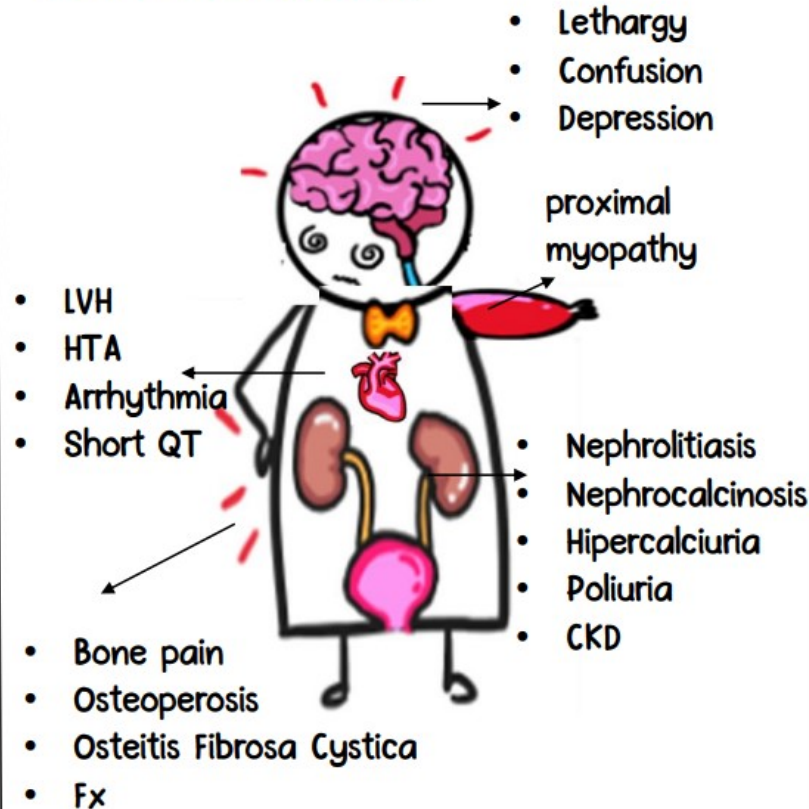
Etiology

- 80-85% : Adenoma
- 10-15%: Parathyroid Hyperplasia
- <5%: MEN associated
- <1%: cancer

Dx: ↑ Ca²⁺:

- **Step 1:** Albumin, Crea, Vit D, PTH (↑) P+(↓)
- **Step 2:** 24 h calciuria (↑)
- **Step 3:** Paratiroid ecography/cintigraphy
- **Step 4:** Search for:
- Bone manifestations -> Bone Dx/Rx
- Nephrolitiasis -> Renal Ecography/PielotC

Clinical Manifestations:



Mimics: -MM
-FHH

When Surgery?

- <50 years
- Ca²⁺ > 11.5
- T score < -2.5
- Calciuria > 400
- Nephrolitiasis
- GFR < 60 (no other cause)
- Fx

Medical Tx:

Asintomatic or not candidate for Cx

- Cinacalcet (symptomatic and /or severe hypercalcemia)
- Bisphosphonates (if osteoporosis)
- HRT in postmenopausal women.

Follow-up w/annual bone densitometry