

↑ Calcium

PTH

nl, ↑ PTH

↓ PTH

∅ PTH

Primary Hyperpara

Sporadic

Adenoma > Hyperplasia

Genetic

Hyperplasia > Adenoma

- FHH
- MEN

Other

- Tertiary Hyperpara

- Parathyroid Carcinoma

- Ectopic PTH

PTHrp

- Squamous Cell CA

- Renal Cell CA

↑ 1,25-OH Vit D

↑ 25-OH

↑ Vitamin D intake

nl, ↓ 25-OH

Granuloma

↳ Separate Schema

Lytic Bone Dz

- Lung

- Breast

- Myeloma

Other

- Milk Alkali

- Immobilization

- Vit A

Meds

- HCTZ

- Lithium

Endocrine

- ↑ T₄

- ↓ Adrenal

Common

① Sporadic ↑ PTH

② Cancer

③ Meds

Simple Schema

Hormones

- PTH

- PTHrp

- 1,25 Vit D

Other

- Lytic Bone Dz

- Milk Alkali

- Meds

- Endocrine