Pharmacologic Management of Thyroid and Parathyroid Disease

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The Thyroid

• Our body's thermostat
• Common causes of thyroid disease
• Who is affected by thyroid disease?
Hypothyroidism

• Reversible Causes of Hypothyroidism
• Management
• Thyroxine replacement therapy
• Raised TSH Activity in Patients Receiving replacement Doses of T4
Graves' Disease

- Antithyroid Drugs
- Radioactive Iodine Therapy
- Surgery
- Thyroid Eye Disease
Nodular Thyroid Disease
Toxic Adenoma
Toxic Multinodular Goiter

- Suppressive Therapy
- RAI therapy
- Surgery
Drug Induced Thyroid Disease

- Amiodarone Induced Thyrotoxicosis
- Lithium
- Interferon alfa
Pregnancy and Thyroid Dysfunction

- Hyperthyroidism
- Hypothyroidism
- Postpartum Thyroid Dysfunction
Subclinical Thyroid Disease

• Subclinical hypothyroidism
• Subclinical hyperthyroidism
Thyroiditis
Thyroid Hormone Resistance Syndromes
Non-thyroidal Illness Syndrome
Current Pharmacological Options for the Management of Primary Hyperparathyroidism
Hyperparathyroidism

- Pathophysiology
- Symptoms and Organ Manifestations
- Indications of Medical Management
Drugs for the Treatment of Hyperparathyroidism

- Antiresorptive Drugs
- SERMS
- Oral Contraceptives
- Estradiol
- Calcitonin
- Biphosphonates
Other Approaches for Treating Hyperparathyroidism

- Regimens for Treating Hypercalcemia
- Drugs for Treating Complications of Hypercalcemia
"I'm referring you to an 'ear, nose and throat' specialist."