Oxytocics

N203
ATI (Unit 12)
Reproductive System -2

Meds Affecting Reproduction
(General Key Points)

N203
ATI (Unit 12)
Reproductive System -1
**Androgens**

**Expected Action:**
- Protoc: Testosterone (Delatestryl)
- Others: Fluoxymesterone (Halotestin), Methyl testosterone (Oreton), Danazol (Danocrine)

**Therapeutic Uses:**
- Hypogonadism in androgen-deficient men
- Delayed puberty
- Palliative treatment of androgen-responsive breast cancer

**Adverse Effects:**
- Hypercalcemia (in breast cancer treatment)
- CV risks: LDL, HDL, Edema
- Hepatotoxicity
- Male: Acne, Facial hair, Gynecomastia, Impotence, Priapism
- Female: Deeper voice, Unusual hirsutism, Clitoral enlargement, Menstrual irregularities

**Contraindications/Precautions:**
- Female (X) Pregnancy
- Prostate cancer
- Liver, heart, or renal failure

**Interactions:**
- Hepatotoxic drugs: Increased risk of liver damage
- Warfarin, Oral hypoglycemics, Glucocorticoids: Androgen effects on metabolism can lower levels of these

**Tocolytic Medications**

**Expected Action:**
- Protoc: Terbutaline Sulphate (Brethine)
- Others: Magnesium Sulphate, Ritodrine

**Therapeutic Uses:**
- Delay of preterm labor

**Adverse Effects:**
- Tremors, Anxiety, Headache (β2 skeletal muscle side effects)
- Tachycardia, Palpitations, Chest pain (β1 side effects)

**Contraindications/Precautions:**
- Female (X) Pregnancy // Lactation

**Interactions:**
- Concurrent use of β-blockers: Blunt effects
- Concurrent use of adrenergic agonists: Additive effects
- Concurrent use of MAOIs: Hypertension

**Education:**
- Report weight gain > 2 lb/week.
**Progestogens**

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Reproductive System - 6

Expected Action:
- Inhibits menses until pregnancy
- Prevents endometrial and ovarian cancers

Interactions:
- **Contraception/Progestogens**
  - Risk of thrombembolic disease P, Pl of family Hx of heart disease
  - Risk of thrombembolic disease
  - Prolonged estrogens → progestogens, contraceptive

Adverse Effects:
- Risk for estrogen-dependent breast cancer

Contraindications/Precautions:
- Pregnancy

Interactions:
- Estrogens Ω Estrogen-dependent breast cancer
- Progestogens, contraceptive, contraceptive

Education:
- IM deep into large muscle mass
- Apply patches to trunk

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**Estrogens**

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Reproductive System - 5

Expected Action:
- Estrogen (Premarin) → conjugated equine estrogens (Premarin)

Interactions:
- Estrogens Ω Estrogen-dependent breast cancer

Adverse Effects:
- Risk for estrogen-dependent breast cancer

Contraindications/Precautions:
- Pregnancy

Interactions:
- Estrogens → contraceptive, contraceptive, contraceptive

Education:
- IM deep into large muscle mass
- Apply patches to trunk

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**Progesterones**

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Reproductive System - 6

Expected Action:
- Progestins (Provera) Ω progestins (Provera)

Interactions:
- Progestogens, contraceptive, contraceptive

Adverse Effects:
- Risk for estrogen-dependent breast cancer

Contraindications/Precautions:
- Pregnancy

Interactions:
- Estrogens → contraceptive, contraceptive, contraceptive

Education:
- IM deep into large muscle mass
- Apply patches to trunk
Antineoplastic Agent
(1 of 2)

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Reproductive System - 8

Pharmacology Flashcards

Oral Contraceptives

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Reproductive System - 7
Antineoplastic Agents
(2 of 2)

Erectile Dysfunction

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Reproductive System - 9

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Reproductive System - 10