

Black Box Warning: Pulmonary oil microembolism: occurs immediately after 1000 mg IM injected of testosterone undecanoate; symptoms include cough, dyspnea, chest pain, dizziness, throat tightening; some events resolve with supportive measures after a few minutes, some require emergency measures

- **Mental status:** affect, mood, behavioral changes, aggression
 - **Signs of masculinization in female:** increased libido, deepening of voice, decreased breast tissue, enlarged clitoris, menstrual irregularities; **male:** gynecomastia, impotence, testicular atrophy
 - **Hypercalcemia:** lethargy, polyuria, polydipsia, nausea, vomiting, constipation; product may have to be decreased
 - **Hypoglycemia** in diabetic patients; oral antidiabetic action is increased
 - Diet with increased calories, protein; decrease sodium if edema occurs
 - **Pregnancy/breastfeeding: do not use in pregnancy, breastfeeding**
 - **Beers:** avoid in older adults unless indicated for confirmed hypogonadism with clinical symptoms; potential for cardiac problems; do not use in prostate cancer
- Evaluate:**

- Therapeutic response: 4-6 wk in osteoporosis

Teach patient/family:

- That product must be combined with complete health plan: diet, rest, exercise
- To notify prescriber if therapeutic response decreases, if edema occurs
- About changes in sex characteristics: priapism, gynecomastia, increased libido
- That women should report menstrual irregularities, voice changes, acne, facial hair growth; **if pregnancy is planned or suspected, or if breastfeeding**
- That course of 1-3 mo is necessary for response with breast cancer
- About the proper application of patches and how to use gel, IM injection, buccal system, intranasal gel; about SUB-CUT implant complications

- **Nasal:** Teach patient to report nasal bleeding, irritation, pain
- **Topical:** Teach patient to avoid contact with area that has been treated, to wash area before contact
- **Buccal:** Teach patient how to administer buccal tab to gum
- **Transdermal:** Advise patient to notify provider of virilization in females

tetracaine ophthalmic

See Appendix B

tetracaine topical

See Appendix B

tetracycline (Rx)

(tet-ra-sye'kleen)

Func. class.: Broad-spectrum anti-infective

Chem. class.: Tetracycline

ACTION: Inhibits protein synthesis and phosphorylation in microorganisms; bacteriostatic

USES: Syphilis, *Chlamydia trachomatis*, gonorrhea, lymphogranuloma venereum; uncommon gram-positive, gram-negative organisms; rickettsial infections

CONTRAINDICATIONS: Pregnancy, breastfeeding, children <8 yr, hypersensitivity to tetracyclines

Precautions: Renal/hepatic disease, UV exposure

DOSAGE AND ROUTES

Susceptible gram-positive/gram-negative infections

- **Adult: PO** 250-500 mg q6hr
- **Child >8 yr: PO** 25-50 mg/kg/day in divided doses q6hr