

**VANCOUVER GENERAL HOSPITAL
CSU PHARMACEUTICAL SCIENCES
NON-FORMULARY DRUG DATA SHEET**

DRUG NAME

goserelin

ALTERNATE NAME

ZOLADEX, ZOLADEX LA

STRENGTH

3.6 mg prefilled syringe (ZOLADEX)
10.8 mg prefilled syringe (ZOLADEX LA)

DOSAGE FORM

Parenteral

INDICATIONS

- goserelin is used to treat prostate cancer and breast cancer.

MECHANISM OF ACTION

- goserelin is a lutenizing hormone releasing hormone (LHRH) agonist. It works by suppressing the production of testosterone, estrogen and progesterone

RECONSTITUTION AND STABILITY

- stable at room temperature in original container; protect from light and moisture

ADMINISTRATION

- SUBCUT - into the upper anterior abdominal wall

DOSAGE

- 3.6 mg SUBCUT; may repeat every 4 weeks
- 10.8 mg SUBCUT; may repeat every 12 weeks

POTENTIAL SIDE EFFECTS

- pain or tenderness at injection site; can apply cool compresses or soak in cool water
- hot flashes may occur initially
- increased bone pain may occur for the first 1-2 weeks – acetaminophen or ibuprofen can be taken to relieve mild to moderate pain
- lethargy, lack of energy
- headache may commonly occur – acetaminophen can be taken to relieve symptoms
- impotence, decreased libido
- increased blood sugar if diabetic – monitor blood sugar regularly if diabetic
- weight gain may occur

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