

GU: Glomerulonephritis, renal failure

HEMA: Thrombocytopenia, neutropenia

INTEG: Inj site reactions, skin papilloma

MISC: Influenza, cough, conjunctivitis, lymphadenopathy, myalgia, hyperglycemia, **bacterial pneumonia**, rhinitis, fatigue, hypersensitivity

PHARMACOKINETICS

Peak 8 hr, terminal half-life 3.8 hr, well absorbed, undergoes catabolism, 92% protein binding

INTERACTIONS

Drug/Lab

Increase: LFTs, lipase, CK, triglycerides

Decrease: Hgb

Drug/Drug

Increase: effect of either product—protease inhibitor

NURSING CONSIDERATIONS

Assess:

- **Signs of infection, inj site reactions:** use analgesics; bacterial pneumonia may occur if blood counts are low or viral load is high or low CD4 counts, IV drug user, lung disease, smoker

- **Peripheral neuropathy:** may occur and last for several months, where nerves are close to the skin

- **Glomerulonephritis/renal failure:** BUN, creatinine, renal failure may occur

- Bowel pattern before, during treatment; if severe abdominal pain or constipation occurs, notify prescriber; monitor hydration

- **Hypersensitivity:** Skin eruptions, rash, urticaria, itching; assess allergies before treatment, reaction to each medication; may occur quickly or later after continued use

- **Immune reconstitution syndrome:** with combination theory

- **HIV:** CBC, blood chemistry, plasma HIV RNA, absolute CD4+/CD8+ cell counts/%, serum β_2 microglobulin, serum ICD+24 antigen levels, cholesterol

- **Pregnancy/breastfeeding:** identify if pregnancy is planned or suspected, if breastfeeding; if pregnant, register with the Antiretroviral Pregnancy Registry, 800-258-4263

Evaluate:

- Therapeutic response: increased CD4 cell counts; decreased viral load; slowing progression of HIV-1 infection

Teach patient/family:

- **That pneumonia may occur; to contact prescriber if cough, fever occur**

- **That hypersensitive reactions may occur; rash, pruritus; to stop product, contact prescriber**

- That product is not a cure for HIV-1 infection but controls symptoms; HIV-1 can still be transmitted to others; that product is to be used in combination only with other antiretrovirals

- How to prepare and give using subcut inj, watch for site reactions, rotate sites; if more information is needed, call 877-438-9366

- **To notify prescriber if pregnancy is suspected; not to breastfeed**

⚠ HIGH ALERT

enoxaparin (Rx)

(ee-nox'a-par-in)

Lovenox

Func. class.: Anticoagulant, antithrombotic

Chem. class.: Low-molecular-weight heparin (LMWH)

Do not confuse:

enoxaparin/enoxacin

Lovenox/Lotronex

ACTION: Binds to antithrombin III inactivating factors Xa/IIa, thereby resulting in a higher ratio of anti-factor Xa to IIa

USES: Prevention of DVT (inpatient or outpatient), PE (inpatient) in hip and knee replacement, abdominal surgery at risk for thrombosis; unstable angina, acute MI, coronary artery thrombosis

Unlabeled uses: Antiphospholipid antibody syndrome, arterial thromboembolism prophylaxis, cerebral thromboembolism, percutaneous coronary intervention