

ACTIVE LEARNING TEMPLATE: *Medication*

STUDENT NAME Sania Steward _____

MEDICATION _____ infliximab _____ REVIEW MODULE CHAPTER _____

CATEGORY CLASS _____ DMARDs, gastrointestinal-inflammatories _____ (monoclonal antibodies) _____

PURPOSE OF MEDICATION

Expected Pharmacological Action

Neutralizes and prevents the activity of tumor necrosis factor-alpha resulting in anti-inflammatory and anti-proliferative activity

Therapeutic Use

To control moderate to severe Crohn's disease long term

Complications

Arrhythmias, chest pain, edema, heart failure, hypertension, hypotension, MI, pericardial effusion, tachycardia, abdominal pain, nausea and vomiting, Constipation, fatigue, headache, upper respiratory infection, fever, infusion reaction, hypersensitivity

Medication Administration

Crohn's:
IV Adults: 5mg/kg; repeat 2-6 wks after initial therapy
Maintenance Dose of 5 mg/kg q8wks; dose may be adjusted to 10mg/kg
Sub-q Adults: 120mg q2wks

Contraindications/Precautions

Hypersensitivity, history of chronic or reoccurrence infection or underlying disease, moderate to severe heart failure, COPD, history of hepatitis B

Nursing Interventions

Know that the medication should not be used if a patient has an active infection
Cautiously in elderly patients monitor patients CBC
Assess her signs and symptoms of systemic infections monitor for hypersensitivity
Med will take effect in 1-2 weeks

Interactions

live vaccine, increased risk of neutropenia and serious infections, concurrent use with azathioprine or methotrexate

Client Education

Explain purpose of medication
May cause dizziness
Advise patient to notify HCP if a fungal infection occurs, cough, painful urination
Notify HCP of OTC medications, examine skin periodically during therapy

Evaluation of Medication Effectiveness

Decrease pain and swelling with decreased rate of joint destruction, and improved physical function

