Thymoglobulin Information Sheet
Guidelines for Administration

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Review information sheet

Thymoglobulin
Antithymocyte Globulin (RABBIT)
Administration Guidelines

Mechanism of Action:
- Rabbit antibody against human T-lymphocytes, circulating T-cells

Dose:
- 1.5-2 mg/kg/day depending on indication (induction or rejection)
- 3-4 days for induction, 4-14 days for rejection
- Dose reduction for WBC and/or platelet depletion

Administration:
- 0.22 micron in-line filter
- Central line recommended
- Infusion time is 6 hours
- Pre-medicate 30-60 minutes prior
  - acetaminophen
  - diphenhydramine
  - corticosteroid
- For a peripheral line, contact MD for the order. Pharmacy will mix:
  - Diluent
  - NS 500 mL
  - Additives:
    - Heparin 1000 units
    - Hydrocortisone 20 mg

Infusion-Related Reactions:
- Anaphylaxis
- Flu-like symptoms (fever, chills, nausea, muscle/joint pain)
- Hypotension
- Dyspnea
- Tachycardia
- Generalized rash
- Itching

Other Adverse Effects:
- Leukopenia
- Thrombocytopenia
- Headache
- Diarrhea
- Hypertension
- Edema

Pharmacy Considerations:
- Refrigerated (Do not freeze)
- Call pharmacy 2hrs before dose due
- Does not contain preservatives, use immediately

Monitoring:
- Pregnancy Test
- CD3 Count
- CBC w/differential and platelet count
- Vital signs during administration
  - q15 mins x 1 hr
  - q1hr thereafter until 2hrs post infusion
  - Stop infusion if fever, chills, ngors or hypertension and NOTIFY MD