Prior Authorization Drug Guidelines

THYMoglobulin (anti-thymocyte globulin)

Description: Thymoglobulin is a purified, pasteurized gamma immune globulin obtained by immunizing rabbits with human thymocytes resulting in several clones of antilymphocytes capable of inhibiting the proliferative responses to several mitogens.

Authorization Criteria: Treatment of acute rejection in renal transplants in conjunction with other immunosuppressants

Unlabeled Uses: Induction therapy in renal transplant; treatment of myelodysplastic syndrome

Note: Per VCHCP policy, unlabeled uses are not covered unless specific information is submitted. See VCHCP Policy on Coverage for Prescription Medication for Off-Label Use.

Dosing: 1.5 mg/kg daily for 7-10 days (infused over a minimum 6 hours for the first infusion and at least 4 hours on subsequent days) reduce dose by one-half if the WBC count is between 2,000 and 3,000 cells/mm3 or if the platelet count is between 50,000 and 75,000 cells/mm3; stopping treatment should be considered if the WBC count falls below 2,000 cells/mm3 or platelets below 50,000 cells/mm3

How Supplied: Lyophilized: 25mg/10 mL vial (reconstitute with sterile water)

Contraindications/Warnings:

Major Adverse Reactions: Acute infections; reactivation of latent infectious agents; sepsis; increased risk of malignancy; inflammatory reaction at the infusion site; lymphopenia; thrombocytopenia; Serious immune-mediated reactions, e.g. anaphylaxis or severe cytokine release syndrome (CRS); should be used under strict medical supervision in a hospital setting, and patients should be carefully monitored during the infusion.
REFERENCES


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