

Antizol (fomepizole)

Indication: Ethylene glycol toxicity

Standard Concentration: Dilute total dose in 100ml 0.9% NaCl

Stable for 24 hours

Run over 30 minutes

Dosing:

First dose: 15mg/kg.

Then 10mg/kg q12 x 4 doses.

Then 15mg/kg q12 until ethylene glycol or methanol level is less than 20mg/dl, and patient is asymptomatic, and patient has normal arterial blood pH value (7.35-7.44, this value may vary slightly from one facility to another).

Dosing Chart:

| Weight (kg) | 15mg/kg (loading dose) (mg) | 10mg/kg (next 4 doses) (mg) | 15mg/kg (thereafter) (mg) |
|-------------|-----------------------------|-----------------------------|---------------------------|
| 45 | 675 | 450 | 675 |
| 50 | 750 | 500 | 750 |
| 55 | 825 | 550 | 825 |
| 60 | 900 | 600 | 900 |
| 65 | 975 | 650 | 975 |
| 70 | 1050 | 700 | 1050 |
| 75 | 1125 | 750 | 1125 |
| 80 | 1200 | 800 | 1200 |
| 85 | 1275 | 850 | 1275 |
| 90 | 1350 | 900 | 1350 |
| 95 | 1425 | 950 | 1425 |
| 100 | 1500 | 1000 | 1500 |
| 105 | 1575 | 1050 | 1575 |
| 110 | 1650 | 1100 | 1650 |
| 115 | 1725 | 1150 | 1725 |
| 120 | 1800 | 1200 | 1800 |
| 125 | 1875 | 1250 | 1875 |
| 130 | 1950 | 1300 | 1950 |

Adverse reactions: Headache, nausea, dizziness, rash, metallic taste, abnormal smell, seizures.

Drug Interactions: Ethanol decreases elimination of Antizol by approximately 50%.

Nursing Considerations: Watch for calcium oxalate crystals in the urine. It is indicative of high ethylene glycol levels