

Drug Database

United Arab Emirates (Beta Version)



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Drug Name Ingredient

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Drug Details:

Drug 1 name: HUMATIN 250 MG CAPSULE

Ingredient 1: PIPOXOLAN HCL

Severity code: 3

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Drug 2 name: PENICILLIN VK 500 MG TABLET

Ingredient 2: CALCIUM CARBIMIDE

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Interaction description:

MONOGRAPH TITLE: Aminoglycosides/Penicillins SEVERITY LEVEL: 3-Moderate Interaction: Assess the risk to the patient and take action as needed. MECHANISM OF ACTION: Penicillin-induced inactivation of aminoglycoside. The loss of aminoglycoside effect may be due to a physical-chemical reaction between the antibiotics. CLINICAL EFFECTS: Decreased aminoglycoside antimicrobial activity. PREDISPOSING FACTORS: Renal function impairment. PATIENT MANAGEMENT: Do not combine these antibiotics in the same IV solution. In patients with decreased renal function, monitor aminoglycoside serum levels and adjust the dose of the drug accordingly. DISCUSSION: Numerous studies have found coadministration of aminoglycosides and penicillins to be clinically useful. However, in patients with severe renal impairment parenteral penicillins can produce inactivation of the aminoglycoside. REFERENCES: 1.Davies M, Morgan JR, Anand C. Interactions of carbenicillin and ticarcillin with gentamicin. Antimicrob Agents Chemother 1975 Apr; 7(4):431-4. 2.Riff LJ, Jackson GG.