

Urinary Tract Antiseptics

Prototype Med Nitrofurantoin

Other Meds Methenamine

ACTION : Broad spectrum urinary antiseptic with bacteriostatic and bactericidal action. It injures bacteria by damaging DNA.

Therapeutic Uses

Acute UTIs

Prophylaxis for recurrent lower UTIs

Nursing Interventions

Monitor/Report GI Symptoms (may reduce or change)

Monitor/Report Respiratory Symptoms (may discontinue)

Monitor/Report for Neuropathy

Monitor lab values of blood components

Monitor I&O and bowel function

Patient Education

Take with food or milk

Report dyspnea/fever/cough to provider

Report numbness/tingling/weakness of extremities

Report fatigue/bruising/repeated infections to provider

Swallow liquid suspension

Dilute liquid suspension

Rinse mouth after taking suspension

Interactions

Concurrent use with antacids decrease absorption

Probenecid increases the chance of toxicity

Avoid drugs with potential for pulmonary toxicity

Adverse Drug Reactions

Nausea/Vomiting/Diarrhea

Acute: Chills/Fever/Cough (2-4 days)

Subacute: Shortness of breath (weeks to months)

Permanent peripheral neuropathy

Anemia/Hemolytic Anemia/Thrombocytopenia/Neutropenia

Tooth Staining (liquid suspension)

Brown Urine (harmless)

Dizziness/Drowsiness/Headache

Photosensitivity

Adverse Drug Reactions (cont)

Pulmonary Distress

Administration

Oral Capsules (do not crush or chew) Macrochantin, Macrobid

Liquid Suspension (dilute in milk or juice) Furadantin

Rinse mouth after taking liquid suspension

Contraindications

Allergy to nitrofurantoin

Impaired kidney function

History of jaundice caused by gallbladder disease

Pregnancy at more than 38 weeks' gestation

During labor or delivery, lactating, infants -1 month

Precautions

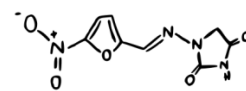
Asthma, Liver/Kidney disease

Electrolyte Imbalance

Vitamin B12 deficiency

You got this!

Are you
Nitrofurantoin?



Because you
take my
breath away.