

# MONUROL

Fosfomycin



Monurol is a brand name for the medication fosfomycin tromethamine. Fosfomycin is an antibiotic that is used to treat urinary tract infections (UTIs). It is often prescribed as a single-dose treatment for uncomplicated UTIs caused by susceptible bacteria.

Monurol works by interfering with the bacterial cell wall synthesis, ultimately leading to the death of the bacteria causing the infection. It is particularly effective against certain types of bacteria commonly found in UTIs, such as *Escherichia coli* (*E. coli*).

## DRUG USES

Monurol, which contains the active ingredient fosfomycin tromethamine, is primarily used to treat urinary tract infections (UTIs). UTIs are bacterial infections that can affect various parts of the urinary tract, including the bladder, urethra, and sometimes the kidneys. Monurol is often prescribed for the following uses:

**Uncomplicated Lower UTIs:** Monurol is commonly used to treat uncomplicated lower UTIs, such as cystitis (bladder infection). It is effective against certain types of bacteria, including *Escherichia coli* (*E. coli*), which are often responsible for these infections.

**Recurrent UTIs:** In some cases, Monurol may be prescribed for the prevention of recurrent UTIs in individuals who experience frequent urinary tract infections. It can be used as a prophylactic treatment to reduce the risk of recurrence.

**Prophylaxis Before Certain Procedures:** Monurol may also be prescribed as a prophylactic (preventative) treatment before certain medical procedures or surgeries that carry a risk of UTI development. This can help prevent infections from occurring during or after these procedures.

It's important to note that Monurol is generally not used to treat severe or complicated UTIs, such as those involving kidney infections or infections in individuals with underlying health conditions. In such cases, other antibiotics may be preferred.