



MEDICAL TIPS

EXTACEF-100/200 DT

Issue III, No.11, 2024

Effects of Cefixime on Immune Functions and Inflammatory Factors in Children with Urinary Tract Infection and Targeted Nursing Strategies

Han J et.al; Arch Esp Urol;2023; 76(5):313-318

- A total of 161 children with UTI were selected to study the recurrence rate, incidence of adverse reactions & to measure the immune functions with the levels of inflammatory factors before and after treatment with Cefixime.
- The levels of T-Cells viz. CD3+, CD4+ and CD4+/CD8+ in children after the treatment were significantly higher but the CD8+ level was significantly lower than those before the treatment ($p < 0.001$).
- The levels of C-reactive protein, tumour necrosis factor- α and interleukin-6 after the treatment were lower than those before the treatment ($p < 0.001$).
- Within 6 months after the treatment, only six children had urinary tract infection again and the recurrence rate was 3.73% (6/161). During the treatment, seven children had adverse reactions to the drug, with an incidence rate of 4.35% (7/161).

Cefixime can improve the immune function of children with urinary tract infections and reduce the levels of inflammatory factors

