COMPOSITION

Ceftron® (Ceftriaxone) is a third generation broad spectrum parenteral cephalosporin antibiotic. Ceftron® interferes with the synthesis of bacterial cell wall by inhibiting transpeptidase enzyme. As a result the bacterial cell wall is weakened, the cell swells and then ruptures.

INDICATION

Ceftron® (Ceftriaxone) is indicated for the treatment of the following major infections: when caused by susceptible organisms: Renal and urinary tract infections, Lower respiratory tract infections, particularly pneumonias, Gonococcal infections, Skin and soft tissue, bone and joint infections, Bacterial meningitis, Serious bacterial infections e.g. septicaemia, EHT infections, Infections in cancer patients, Prevention of postoperative infection, Perioperative prophylaxis of infections associated with surgery, Typhoid fever

DOSE AND ADMINISTRATION

Ceftron® (ceftriaxone) can be administered either intravenously or intramuscularly. When reconstituted for intramuscular or intravenous injection, the white to yellowish-orange crystalline powder gives a pale yellow to amber solution. Adults: The usual adult daily dose is 1-2 g once daily, (or twice daily in equally divided doses) depending on the type and severity of infection. The daily dose may be increased, but should not exceed 4 g. For preoperative use (surgical prophylaxis), a single dose of 1 gm administered intravenously 0.5-2 hours before surgery is recommended. In elderly patients, the dosages do not require modification provided that renal and hepatic functions are satisfactory. In patients with impaired renal function, there is no need to reduce the dosage of Ceftron® provided liver function is intact. In patients with liver damage, there is no need for the dosage to be reduced provided renal function is intact. Gonorrhea: For non-penicillin allergic patients, Prevention of postoperative infection, Perioperative prophylaxis of infections associated with surgery, Typhoid fever

SIDE EFFECT

Ceftron® is generally well tolerated. A few side-effects such as 1. Gastrointestinal effects include diarrhoea, nausea and vomiting, stomatitis and glossitis 2. Cutaneous reactions include rash, pruritus, urticaria, edema & erythema multiforme 3. Hematological reactions include thrombocytosis, leukopenia, and neutropenia 4. Hepatic reactions include elevations of SGOT or SGPT, bilirubinemia 5. CNS reactions include headache, hyperactivity, nervousness, sleep disturbances, confusion, hypertension, and dizziness were reported. Local phlebitis occurs rarely following intravenous administration but can be minimized by slow injections over 2-4 minutes.

DRUG INTERACTION

Potential hazardous interactions: No impairment of renal function or increased nephrotoxicity has been observed in man after simultaneous administration of ceftriaxone with diuretics, or with aminoglycosides. A possible disulfiram-like reaction may occur with alcohol. Other significant interactions: Ceftron® doesn't interfere with the protein binding of bilirubin. Simultaneous administration of probenecid doesn't alter the elimination of ceftriaxone. Potentially useful interactions: Experimentally, in vivo, ceftriaxone has been shown to enhance bacterial killing by human neutrophils.

USE IN PREGNANCY AND LACTATION

Ceftron® has not been associated with adverse effects on fetal development in laboratory animals, but its safety in human pregnancy has not been established. Therefore, it should not be used in pregnancy unless absolutely indicated. Because ceftriaxone is distributed into milk, the drug should be used with caution in nursing women.

STORAGE CONDITION

Store below 25°C, protected from light & moisture. Use reconstituted solutions immediately. Reconstituted solutions are stable for 6 hours at room temperature and for 24 hours at 2-8°C. It should not be mixed in the same syringe with any drug other than 1% Lidocaine Hydrochloride injection BP (for IM injection only).

HOW SUPPLIED

Ceftron® 250 mg IM injection : Pack of 1 vial containing 250 mg Ceftriaxone (as sterile Ceftriaxone Sodium USP) accompanied by 1 ampoule of 2 ml Lidocaine HCI USP 1% Injection for IM injection. It also contains a complementary pouch comprised of disposable syringe (5 ml), baby needle, alcohol pad and first aid bandage.

Ceftron® 500 mg IM injection : Pack of 1 vial containing 500 mg Ceftriaxone (as sterile Ceftriaxone Sodium USP) accompanied by 1 ampoule of 5 ml Water for injection BP for IM injection. It also contains a complementary pouch comprised of disposable syringe (5 ml), alcohol pad and first aid bandage.

Ceftron® 1 gm IM injection : Pack of 1 vial containing 500 mg Ceftriaxone (as sterile Ceftriaxone Sodium USP) accompanied by 1 ampoule of 2 ml Lidocaine HCI USP 1% Injection for IM injection. It also contains a complementary pouch comprised of disposable syringe (5 ml), alcohol pad and first aid bandage.

Ceftron® 2 gm IV injection : Pack of 1 vial containing 2 gm Ceftriaxone (as sterile Ceftriaxone Sodium USP) and each of 2 ampoules contains 10 ml Water for injection BP for IV injection. It also contains a complementary pouch comprised of disposable syringe (10 ml), butterfly needle, alcohol pad and first aid bandage.

Ceftron® 2 gm IV injection : Pack of 1 vial containing 2 gm Ceftriaxone (as sterile Ceftriaxone Sodium USP) and each of 2 ampoules contains 10 ml Water for injection BP for IV injection. It also contains a complementary pouch comprised of disposable syringe (20 ml), butterfly needle, alcohol pad and first aid bandage.