

Doxicline

Doxycycline HCl BP

**Composition :**

Each Doxiline capsule contains Doxycycline Hydrochloride BP equivalent to Doxycycline 100 mg

Description :

Doxycycline is a semisynthetic derivative of oxytetracycline. Doxiline (Doxycycline) is a broad spectrum antibiotic with the broadest spectrum of any known antibacterial agent. It is active against a wide range of gram-positive and gram-negative bacteria, spirochetes, mycoplasma, rickettsia etc. It can be used with success in place of penicillin in the treatment of gonorrhoea and syphilis.

Pharmacokinetics :

Doxiline has an excellent mode of absorption and is almost completely absorbed (95%) from the GIT. Food does not interfere with the absorption of doxycycline, 90% of the drug in circulation is bound to plasma protein. Biological half-life varies between 16- 23 hours on repeated doses. Due to its higher lipid solubility than any other tetracycline, doxycycline attains a wide distribution in body tissues and body fluids.

Indications :

Doxiline is indicated for the treatment of infections caused by susceptible microorganisms: RTI infections: pneumonia, influenza, pharyngitis, tonsillitis, bronchitis, sinusitis and otitis media and other Streptococcal and Staphylococcal infections. Genitourinary Tract infections: Pyelonephritis, Cystitis, urethritis, Gonorrhoea epididymitis, Syphilis, Chancroid and Granuloma inguinale. Chlamydia: Lymphogranuloma, venereum, psittacosis, trachoma. Intestinal disease: Whipples disease, tropical sprue, blind loop syndrome, amoebic dysentery. Bacillary infections: Brucellosis, tularaemia, cholera, traveler's diarrhoea. Acne: Acne vulgaris, acne conglobata etc. Other infections: Typhus, actinomycosis, rickettsialpox, Q-fever and infections caused by Mycobacterium marinum, Bordetella pertussis and Bacillus anthracis.

Dosage & Administration :

Adults: 2 Doxiline capsules at a time or one capsule every 12 hour for the first day followed by 1 capsule per day. The dose may be doubled depending on the severity of the infection. Gonococcal infection: 1 Doxiline capsule every 12 hours until complete recovery. Syphilis: 3 Doxiline capsules in divided doses for 10 days.

Contraindications :

Doxiline is contraindicated in patients who have known hypersensitivity to Doxycycline.

Precautions :

During development of teeth (last trimester of pregnancy, upto 12 yrs of age) the use of tetracyclines may lead to discoloration of teeth. So tetracyclines should not be administered during these periods

Side Effects :

As with all other antibiotics, side effects liable to be encountered include: Gastrointestinal disturbances, eg. anorexia, vomiting, dysentery etc. overgrowth of resistant organisms may cause Glossitis, Stomatitis, or Staphylococcal enterocolitis; Apart from these skin rashes, purpura may occur. Photosensitivity and dermatological reactions are rare.

Use in pregnancy & lactation :

Alkali, antacids or irons should not be taken along with Doxycycline. Because these may reduce the absorption of the drug. This drug should not be administered to pregnant woman. But in emergency cases it may be administered upon the advice of the doctor.

Storage :

Do not store above 30°C. Store in a cool and dry place protected from light. Keep medicine out of the reach of children

Packaging :

Doxiline capsule: Each box contains 10 x 10's capsules.

Manufactured by



Ziska Pharmaceuticals Ltd.

Kaliakoir, Gazipur, Bangladesh