

# pharmacological action of levofloxacin

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Do not share this medication with another person especially a child , even if they have the same symptoms you have. Call your doctor if you have severe burning, redness, itching, rash, or swelling after being in the sun. Levaquin is used to treat bacterial infections of the skin, sinuses, kidneys, bladder, or prostate. Gram-negative pathogens including Pseudomonas, Mycoplasma, Chlamydia... Levaquin may impair your thinking or reactions. If you provide a urine sample for drug screening, tell the laboratory staff that you are taking Levaquin. Do not give this medicine to a child without medical advice. Side effects in more detail. Avoid exposure to sunlight or tanning beds. You should not use Levaquin if you are allergic to levofloxacin or other fluoroquinolones ciprofloxacin , gemifloxacin , moxifloxacin , norfloxacin , ofloxacin , and others.  
Jump to Pharmacology - Mechanism of action. Levofloxacin inhibits bacterial type II topoisomerases, topoisomerase IV and DNA gyrase. Levofloxacin, like other fluoroquinolones, inhibits the A subunits of DNA gyrase, two subunits encoded by the gyrA gene. This results in strand breakage on a bacterial chromosome.  
Identification ?Interactions. Learn about Levaquin (Levofloxacin) may treat, uses, dosage, side effects, drug interactions, warnings, patient labeling, reviews, and related medications. Feb 27, - Levofloxacin (the levorotary The quinolones were a little-used drug class until the early s, when a second generation of compounds was developed (Figure ?(Figure11). These newer drugs, highlighted by norfloxacin, ciprofloxacin, and ofloxacin, displayed considerably improved activity against. CLINICAL PHARMACOLOGY. Complicated Urinary Tract Infections: 5-day. Mechanism of Action. Treatment Regimen. Pharmacokinetics. Complicated Urinary Tract Infections: day. Microbiology. Treatment Regimen. NONCLINICAL TOXICOLOGY. Acute Pyelonephritis: 5 or day. Mechanism of Action: Inhibition of topoisomerase (DNA gyrase) enzymes, which inhibits relaxation of supercoiled DNA and promotes breakage of double stranded DNA. Jump to Which drugs or supplements interact with this drug? - Iron, calcium, zinc, or magnesium can attach to Levaquin and other fluoroquinolones and prevent their absorption from the intestine into the blood. Therefore, products (for example, antacids) that contain iron, calcium, zinc or magnesium should be taken at. Find patient medical information for Levofloxacin Oral on WebMD including its uses, side effects and safety, interactions, pictures, warnings and user ratings. PDR Drug Summaries are concise point-of-care prescribing, dosing and administering information to help phsyicans more efficiently and accurately prescribe in their practice PDR's drug summaries are available free of charge and serve as a great resource for US based MDs, DOs, NPs and PAs in patient practice. Feb 7, - Levaquin (levofloxacin) is used to treat bronchitis, pneumonia, chlamydia, gonorrhoea and skin infections. Includes Levaquin side effects, interactions and indications. If you provide a urine sample for drug screening, tell the laboratory staff that you are taking Levaquin. Store at room temperature away from. If you take Cipro, Levaquin, Avelox, or any other fluoroquinolones, including eye and ear drops, you are at risk.