



Fluoroquinolone Antibiotics

By Ronald, Allan R. / Low, Donald

Book Condition: New. Publisher/Verlag: Springer, Basel | Since the introduction of ciprofloxacin in 1987, fluoroquinolones have expanded far beyond their early role in the treatment of urinary tract infections. Clinical applications beyond genitourinary tract infections include upper and lower respiratory infections, gastrointestinal infections, gynecologic infections, sexually transmitted diseases, and some skin and soft tissue infections. Their ease of administration, favorable pharmacokinetic properties, excellent tolerability, and efficacy give them enormous potential for use and misuse alike. Quinolones have few common adverse effects, most notably nausea, headache and dizziness. Less frequent but more serious adverse events include prolongation of the corrected QT interval, phototoxicity, liver enzyme abnormalities, arthropathy, and cartilage and tendon abnormalities. While possessing many of the favorable properties of intravenous agents, most fluoroquinolones offer the convenience of oral administration, thus contributing to decreased health-care costs through increased outpatient therapy and shortened hospital stays. With the recent introduction of agents such as gatifloxacin and moxifloxacin, the traditional Gram-negative coverage of fluoroquinolones has been expanded to include Gram-positive organisms, most importantly *Streptococcus pneumoniae*. | The history of quinolones.- Structure-activity relationships of quinolones.- Epidemiology and mechanisms of resistance.- Improved safety profile of newer fluoroquinolones.- Pharmacokinetics and pharmacodynamics (PK/PD)...



READ ONLINE

[5.85 MB]

Reviews

These kinds of ebook is the greatest pdf accessible. Of course, it can be engage in, continue to an interesting and amazing literature. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Callie Schmeler III**

I just began looking over this pdf. It is one of the most amazing pdf i have study. I discovered this book from my dad and i recommended this pdf to understand.

-- **Merritt Kilback II**