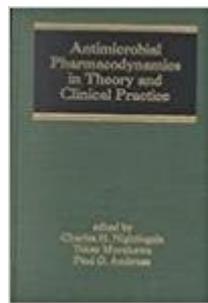


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# Antimicrobial Pharmacodynamics In Theory And Clinical Practice (Infectious Disease And Therapy)



## Synopsis

This up-to-the-minute reference explores the pharmacodynamics of antimicrobials as well as the absorption, distribution, metabolism, and elimination of the major classes of antimicrobials-covering new agents such as ketolide antibiotics and highlighting the pharmacodynamic relationship between drug concentration and antimicrobial activity, as well as the relationship of pharmacodynamics to bacterial resistance. Contains specific examples and practical applications for the design of effective dosing regimens! Written by recognized experts in the field, *Antimicrobial Pharmacodynamics in Theory and Clinical Practice* describes the pharmacodynamic properties of all major classes of antibiotics parameters for microbiological activity of antimicrobial agents such as minimal inhibitory concentration (MIC) and minimal bactericidal concentration (MBC) serum/tissue protein binding and penetration rates differences between in vivo and in vitro postantibiotic effects (PAE) and more! With nearly 1000 references, tables, drawings, and illustrations, *Antimicrobial Pharmacodynamics in Theory and Clinical Practice* is a state-of-the-art reference for infectious disease specialists, pulmonologists, pharmacists, pharmacologists, microbiologists, biological chemists, epidemiologists, internists, and students in these disciplines.

## Book Information

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