

Contents

Microbiology

Articles

A Laboratory Assessment of Ciprofloxacin and Comparable Antimicrobial Agents L. Shrire, J. Saunders, R. Traynor, H. J. Koornhof	3
Comparative in Vitro Activity of Five Quinoline Derivatives and Five Other Antimicrobial Agents Used in Oral Therapy J. A. A. Hoogkamp-Korstanje	8
The In Vitro and In Vivo Activity of Ciprofloxacin H.-J. Zeiler, K. Grohe	14
The Activity of Ciprofloxacin and Other 4-Quinolones Against <i>Chlamydia trachomatis</i> and <i>Mycoplasmas</i> In Vitro G. L. Ridgway, G. Mumtaz, F. G. Gabriel, J. D. Oriel	19
Mutational Resistance to 4-Quinolone Antibacterial Agents J. T. Smith	22
Antibacterial Activity of Ciprofloxacin in Conventional Tests and in a Model of Bacterial Cystitis D. Greenwood, S. Baxter, A. Cowlshaw, A. Eley, G. J. Slater	26

Notes

Comparison of the In Vitro Activity of Ciprofloxacin (Bay o 9867) and Norfloxacin Against Gastrointestinal Tract Pathogens M. Diez-Enciso, G. Mas-Jimenez, A. Velasco-Cerrudo, A. Gutierrez-Altes	30
In Vitro Activity of Ciprofloxacin, Azthreonam and Ceftazidime Against <i>Serratia</i> <i>marcescens</i> and <i>Pseudomonas aeruginosa</i> J. Righter	31
In Vitro Activity of Ciprofloxacin Against <i>Bacteroides</i> , <i>Haemophilus influenzae</i> and <i>Branhamella catarrhalis</i> B. Olsson-Liljequist	33
In Vitro Activity of Ciprofloxacin Against <i>Brucella melitensis</i> M. Gobernado, E. Cantón, M. Santos	34
In Vitro Activity of Ciprofloxacin Against Clinical Isolates of <i>Chlamydia trachomatis</i> H. Meier-Ewert, G. Weil, G. Millott	35
Susceptibility of <i>Legionella</i> spp. to Quinolone Derivatives and Related Organic Acids G. Ruckdeschel, W. Ehret, A. Ahl	36
In Vitro Activity of Ciprofloxacin and Norfloxacin on <i>Gardnerella vaginalis</i> K. Machka	37
In Vitro Activity of Ciprofloxacin Against Group JK Corynebacteria K. Machka, H. Balg	38

Pharmacokinetics

Articles

Pharmacokinetics of Ciprofloxacin in Healthy Volunteers after Oral and Intravenous Administration K. Borner, G. Höffken, H. Lode, P. Koeppe, C. Prinzing, P. Glatzel, R. Wiley, P. Olschewski, B. Sievers, D. Reinitz	41
Pharmacokinetics of Ciprofloxacin after Intravenous and Increasing Oral Doses T. Bergan, S. B. Thorsteinsson, I. M. Kolstad, S. Johnsen	49
Single and Multiple Dose Pharmacokinetics of Ciprofloxacin U. Ullmann, W. Giebel, A. Dalhoff, P. Koeppe	55
Penetration of Ciprofloxacin into Bronchial Secretions E. Bergogne-Bérézin, G. Berthelot, P. Even, M. Stern, P. Reynaud	59
Effect of Oral Ciprofloxacin on the Faecal Flora of Healthy Volunteers H. A. Holt, D. A. Lewis, L. O White, S. Y. Bastable, D. S. Reeves	63
Diffusion of Ciprofloxacin into Prostatic Fluid A. Dalhoff, W. Weidner	68
Dose- and Sex-Independent Disposition of Ciprofloxacin D. Höffler, A. Dalhoff, W. Gau, D. Beermann, A. Michl	71

Notes

Penetration of Ciprofloxacin into Cerebrospinal Fluids G. Valainis, D. Thomas, G. Pankey	75
Penetration of Ciprofloxacin into Female Pelvic Tissues S. Segev, E. Rubinstein, J. Shick, O. Rabinovitch, M. Dolitsky	76
Intraperitoneal Penetration of Ciprofloxacin M. R. Lockley, R. Waldron, R. Wise, I. A. Donovan	78
Concentrations of Ciprofloxacin in Serum and Prostatic Tissue in Patients Undergoing Transurethral Resection M. Grabe, A. Forsgren, T. Björk	80
Penetration of Ciprofloxacin into Kidney, Fat, Muscle and Skin Tissue F. D. Daschner, M. Westenfelder, A. Dalhoff	81

Clinical Experience

Review

Overview of Clinical Experience with Ciprofloxacin	
A. P. Ball	85

Articles

Clinical Experience with Ciprofloxacin in the USA	
G. Arcieri, R. August, N. Becker, C. Doyle, E. Griffith, G. Gruenwaldt, A. Heyd, B. O'Brien	91
Ciprofloxacin in the Treatment of Acute Exacerbations of Chronic Bronchitis	
B. I. Davies, F. P. V. Maesen, C. Baur	97
Evaluation of Ciprofloxacin in the Treatment of <i>Pseudomonas aeruginosa</i> Infections	
H. Giamarellou, N. Galanakis, C. Dendrinos, J. Stefanou, E. Daphnis, G. K. Daikos	103
Use of Ciprofloxacin in the Treatment of <i>Pseudomonas aeruginosa</i> Infections	
F. Follath, M. Bindschedler, M. Wenk, R. Frei, H. Stalder, H. Reber	107
Ciprofloxacin in the Treatment of Acute Bacterial Diarrhea: A Double Blind Study	
H. Pichler, G. Diridl, D. Wolf	112
Treatment of Uncomplicated Gonococcal Urethritis in Men with Two Dosages of Ciprofloxacin	
M. J. A. M. Tegelberg-Stassen, J. C. S. van der Hoek, L. Mooi, J. H. T. Wagenvoort, T. van Joost, M. F. Michel, E. Stolz	115

Notes

Ciprofloxacin in the Treatment of Urinary Tract Infection due to Enterobacteria	
J. Guibert, D. Destrée, C. Konopka, J. Acar	118
Ciprofloxacin in the Treatment of Infections Caused by Gentamicin-Resistant Gram-Negative Bacteria	
S. Mehtar, Y. Drabu, P. Blakemore	119
Ciprofloxacin in the Treatment of Urinary Tract Infection in Patients with Multiple Sclerosis	
H. Van Poppel, M. Wegge, H. Dammekens, V. Chysky	122
Comparison of Intravenous Ciprofloxacin and Mezlocillin in Treatment of Complicated Urinary Tract Infection	
H. J. Peters	124
Ciprofloxacin in the Treatment of Urinary Tract Infections Caused by <i>Pseudomonas aeruginosa</i> and Multiresistant Bacteria	
S. Saavedra, C. H. Ramírez-Ronda, M. Nevárez	126
Clinical Evaluation of Treatment with Ciprofloxacin	
R. Finch, M. Whitby, C. Craddock, A. Holliday, J. Martin, R. Pilkington	128
Treatment of Chronic Salmonella Carriers with Ciprofloxacin	
G. Diridl, H. Pichler, D. Wolf	131