

บรรณานุกรม

วารสาร

- Ambrose, Paul G. ; Owens, Robert C. and Grasela, D. 2000. "Antimicrobial pharmacodynamics", Med Clin of North Amer. 84 (Nov. 2000), 1431-1446.
- Appel, Gerald B. 1990. "Aminoglycoside Nephrotoxicity", Am J Med. 88 (March 1990), Suppl 3C, 16S-20S.
- Barclay, Murray L. ; Kirkpatrick, Carl M.J. and Begg, Evan J. 1999. "Once daily aminoglycoside therapy. Is it less toxic than multiple daily doses and how should it be monitored?", Clinical Pharmacokinetic. 36 (Feb. 1999), 89-98.
- Barletta, Jeffrey F., et al. 2000. "Population pharmacokinetics of aminoglycosides in critically ill trauma patients on once-daily regimens", J trauma. 49 (Nov. 2000), 869-872.
- Bartal, C., et al. 2003. "Pharmacokinetic dosing of aminoglycosides: a controlled trial", Am J Med. 114 (15 Feb. 2003), 194-198.
- Beaucaire, G., et al. 1991. "Clinical and bacteriological efficacy, and practical aspects of amikacin given once daily for severe infections", J Antimicrob Chemother. 27 (1991), Suppl. C, 91-103.
- Begg, E.J., et al. 1992. "Comparison of gentamicin dosing regimens using an in-vitro model", J Antimicrob Chemother. 29 (1992), 427-433.
- Bertino, Joseph S., et al. 1993. "Incidence of and significant risk factors for aminoglycoside-associated nephrotoxicity in patients dosed by using individualized pharmacokinetic monitoring", J Infect Dis. 167 (Jan. 1993), 173-179.
- Bertino, Joseph S. and Rotschafer, John C. 1997. "Editorial response: Single daily dosing of aminoglycosides – A concept whose time has not yet come", Clin Infect Dis. 24 (1997), 820-823.
- Blaser, J., et al. 1987. "Comparative study with enoxacin and netilmicin in a pharmacodynamic model to determine importance of ratio of antibiotic peak concentration to MIC for bactericidal activity and emergence of resistance. Antimicrob Agents Chemother. 31(1987), 1054-1060.

- Bundtzen, R.W., et al. 1981. "Postantibiotic suppression of bacterial growth", Rev Infect Dis. 3 (1981), 28-37.
- Burgess, David S. 1999. "Pharmacodynamic principles of antimicrobial therapy in the prevention of resistance", Chest. 115 (1999), 19S-23S.
- Carapetis, Jonathan R., et al. 2001. "Randomized, controlled trial comparing once daily and three times daily gentamicin in children with urinary tract infections", Pediatr Infect Dis J. 20 (2001), 240-246.
- Chow, Moses S. ; Quintiliani, Richard and Nightingale, Charles H. 1982. "In vivo inactivation of tobramycin by ticarcillin", JAMA. 247 (Feb. 1982), 658-659.
- Craig, William A. and Vogelman, Bennett S. 1987. "The postantibiotic effect", Ann Intern Med. 106 (June 1987), 900-902.
- Craig, William A. ; Redington, Jay and Ebert, Steven C. 1991. "Pharmacodynamics of amikacin in vitro and in mouse thigh and lung infections", J Antimicrob Chemother. 27 (1991), Suppl. C, 29-40.
- Craig, William A. 1998. "Pharmacokinetic/pharmacodynamic parameters rational for antibacterial dosing of mice and men.", Clin Infect Dis. 26 (1998), 1-12.
- Craig, William A. 2001. "Dose the dose matter?", Clin Infect Dis. 33 (2001), Suppl. 3, S233-S237.
- Daikos, G.L., et al. 1990. "Adaptive resistance to aminoglycoside antibiotics from first-exposure down-regulation", J Infect Dis. 162 (1990), 414-420.
- Daikos, G.L. ; Lolans, V.T. and Jacson, G.G. 1991. "First-exposure adaptive resistance to aminoglycoside antibiotics in vivo with meaning for optimal clinical use", Antimicrob Agents Chemother. 35 (1991), 117-123.
- Demczar, Dorothy J. ; Nafziger, Anne N. and Bertino, Joseph S. 1997. "Pharmacokinetics of gentamicin at traditional versus high doses: Implications for once-daily aminoglycoside dosing", Antimicrob Agents Chemother. 41 (May 1997), 1115-1119.
- De Vries, P.J., et al. 1990. "Prospective randomized study of once-daily versus twice-daily netilmicin regimens in patients with intraabdominal infection", Eur J Clin Microbiol Infect Dis. 9 (1990), 161-168.

- DiPiro, Joseph T. ; Edmiston, Charles and Bohnen, John M.A. 1996. "Pharmacodynamics of antimicrobial therapy in surgery", Amer J Surg. 171 (June 1996), 615-622.
- Dudley, Michael N. and Zinner, Stephen H. 1991. "Single daily dosing of amikacin in an in-vitro model", J Antimicrob Chemother. 27 (1991), Suppl. C, 15-19.
- Dwivedi, Amit., et al. 1998. "Once daily aminoglycoside dosing (7 mg/kg) in surgical ICU patients fails to achieve therapeutic target peak levels", Crit Care Med. 27 (1998), A138.
- Edson, Randall S. and Terrell, Christine L. 1999. "The Aminoglycosides", Mayo Clin Proc. 74 (May 1999), 519-528.
- Fan, S.T., et al. 1988. "Once daily administration of netilmicin compared with thrice daily, both in combination with metronidazole, in gangrenous and perforated appendicitis", J Antimicrob Chemother. 22 (1988), 69-74.
- Fantin, B., et al. 1990. "Factors affecting duration of in-vivo postantibiotic effect for aminoglycosides against gram-negative bacilli", J Antimicrob Chemother. 27 (1990), 829-836.
- Fish, Douglas N. ; Piscitelli, Stephen C. and Danziger, Larry H. 1995. "Development of resistance during antimicrobial therapy: a review of antibiotic classes and patient characteristics in 173 studies", Pharmacotherapy. 15 (1995), 279-291.
- Fisman, David N. and Kaye, Kenneth M. 2000. "Once-daily dosing of aminoglycoside antibiotics", Infect Dis Clin North Amer. 14 (June 2000), 475-487.
- Freeman, Collin D., et al. 1997. "Once-daily dosing of aminoglycosides: review and recommendations for clinical practice", J Antimicrob Chemother. 39 (1997), 677-686.
- Garrelts, James C. 1996. "Exploration of once-daily dosing of aminoglycosides through Bayesian simulation", Pharmacotherapy. 16 (1996), 286-294.
- Gerber, A.U., et al. 1982. "Selection of aminoglycoside-resistant variants of *Pseudomonas aeruginosa* in an in vivo model", J Infect Dis. 146 (1982), 691-697.
- Giamarellou, H., et al. 1991. "Comparative kinetics and efficacy of amikacin administered once or twice daily in the treatment of systemic gram-negative infections", J Antimicrob Chemother. 27 (1991), Suppl. C, 73-79.

- Giamarellou, Helen. 1986. "Aminoglycosides plus beta-lactams against gram-negative organisms: Evaluation of in vitro synergy and chemical interactions, Amer J Med. 80 (30 June 1986), Suppl 6B, 126-137.
- Gilbert, David N., et al. 1998. "A randomized comparison of safety and efficacy of once-daily gentamicin or trice-daily gentamicin in combination with ticarcillin-clavulanate", Amer J Med. 15 (Sep. 1998), 182-191.
- Glew, Richard H. and Pavuk, Rosemary A. 1983. "Stability of gentamicin, tobramycin, and amikacin in combination with four β -lactam antibiotics", Antimicrob Agents Chemother. 24 (Oct. 1983), 474-477.
- Hale, DeVon C. ; Jenkins, Ronald and Matsen, John M. 1980. "In-vitro inactivation of aminoglycoside antibiotics by piperacillin and carbenicillin", Am J Clin Pathol. 74 (Sep. 1980), 316-319.
- Hansen, M., et al. 1988. "Once versus thrice daily dosing of netilmicin in febrile immunocompromised patients: a randomized, controlled study of efficacy and safety", J Drug Dev. 1 (1988), Suppl. 3, 119-124.
- Henderson, Janet L. ; Polk, Ronald E. and Kline, Berry J. 1981. "In vitro inactivation of gentamicin, tobramycin, and netilmicin by carbenicillin, azlocillin, or mezlocillin", Amer J Hosp Pharm. 38 (Aug. 1981), 1167-1170.
- Hessen, M.T. ; Pitsakis, P.G. and Levison, M.E. 1989. "Postantibiotic effect of penicillin plus gentamicin versus *Enterococcus faecalis* in vitro and in vivo. Antimicrob Agents Chemother. 33 (1989), 608-611.
- Hollender, L.F., et al. 1989. "A multicentric study of netilmicin once daily versus trice daily in patients with appendicitis and other intra-abdominal infections", J Antimicrob Chemother. 23 (1989), 773 -783.
- Isaksson, B., et al. 1988. "Postantibiotic effect of aminoglycosides on gram-negative bacteria evaluated by a new method", J Antimicrob Chemother. 22 (1988), 23-33.
- Jackson, G.G. and Riff L.J. 1971. "Pseudomonas bacteremia: pharmacologic and other bases for failure of treatment with gentamicin. J Infect Dis. 124 (1971), Suppl., S185-191.

- Kashuba, Angela D.M., et al. 1999. "Optimizing aminoglycoside therapy for nosocomial pneumonia caused by gram-negative bacteria", Antimicrob Agents Chemother. 43 (Mar. 1999), 623-629.
- Kashuba, A.D.M. ; Bertino, J.S. and Nafziger A.N. 1998. "Dosing of aminoglycosides to rapidly attain pharmacodynamic goals and hasten therapeutic response by using individualized pharmacokinetic monitoring of patients with pneumonia caused by gram-negative organisms", Antimicrob. Agents Chemother. 42 (July 1998), 1842-1844.
- Karlowsky, James A., et al. 1994. "Postantibiotic effect in *Pseudomonas aeruginosa* following single and multiple aminoglycosides exposures in vitro", J Antimicrob Chemother. 33 (1994), 937-947.
- Koo, J., et al. 1996. "Comparison of once-daily versus pharmacokinetic dosing of aminoglycosides in elderly patients", Amer J Med. 101 (Aug. 1996), 177-183.
- Kradjan, Wayne A. and Burger, Rich. 1980. "In vivo inactivation of gentamicin by carbenicillin and ticarcillin", Arch Intern Med. 140 (Dec. 1980), 1668-1670.
- Labovitz, E. ; Levinon, M.E. and Kaye, D. 1974. "Single dose daily gentamicin therapy in urinary tract infection. Antimicrob Agents Chemother. 6 (1974), 465-470.
- Lacy, Melinda K., et al. 1998. "The pharmacodynamics of aminoglycosides", Clin Infect Dis. 27 (1998), 23-27.
- Le Gall, J-R. ; Lemeshow, S. and Saulnier, F. 1993. "A New Simplified Acute Physiology Score (SAPS II) Based on a European/North American Multicenter Study", JAMA. 270 (Dec. 1993), 2957-2963.
- Leggett, J.E., et al. 1989. "Comparative antibiotic dose-effect relations at several dosing intervals in murine pneumonitis and thigh-infection models", J Infect Dis. 159 (Feb. 1989), 281-292.
- MacArthur, Rodger D., et al. 1984. "Biphasic, Concentration-Dependent and Rate-Limited, Concentration-Independent Bacterial Killing by an aminoglycosides Antibiotic", J Infect Dis. 150 (Nov. 1984), 778-779.
- MacGowan, A.P., et al. 1994. "The pharmacokinetics of once daily gentamicin in neutropenic adults with haematological malignancy", J Antimicrob Chemother. 34 (1994), 809-812.

- Maller, R., et al. 1988. "A study of amikacin given once versus twice daily in serious infections", J Antimicrob Chemother. 22 (1988), 75-79.
- Maller, R., et al. 1991. "Efficacy and safety of amikacin in systemic infections when given as a single daily dose or in two divided doses", J Antimicrob Chemother. 27 (1991), Suppl. C, 121-128.
- Maller, R., et al. 1993. "Once- versus twice-daily amikacin regimen: efficacy and safety in systemic gram-negative infections", J Antimicrob Chemother. 31 (1993), 939-948.
- Marik, Paul E., et al. 1991. "A prospective randomized study comparing once-versus twice-daily amikacin dosing in critically ill adult and paediatric patients", J Antimicrob Chemother. 28 (1991), 753-764.
- Marra, Fawziah ; Partovi, Nilufar and Jewesson, Peter. 1996. "Aminoglycoside administration as a single daily dose", Drugs. 52 (Sep. 1996), 344-370.
- McGrath, B.J., et al. 1993. "In vitro postantibiotic effect following exposure to imipenem, temafloxacin, and tobramycin. Antimicrob. Agents Chemother. 37 (1993), 1723-1725.
- McLaughlin, J.E. and Reeves, D.S. 1971. "Clinical and laboratory evidence for inactivation of gentamicin by carbenicillin", The Lancet. 6 (Feb. 1971), 261-264.
- McNamara, David R., et al. 2001. "A dose-ranging study of gentamicin pharmacokinetics: Implications for extended interval aminoglycoside therapy", J Clin Pharmacol. 41 (2001), 374-377.
- Mendes da Costa, P. and Kaufman, L. 1992. "Amikacin once daily plus metronidazole versus amikacin twice daily plus metronidazole in colorectal surgery", Hepatogastroenterology. 39 (1992), 350-354.
- Meunier, F., et al. 1991. "Empirical antimicrobial therapy with a single daily dose of ceftriaxone plus amikacin in febrile granulocytopenic patients: a pilot study", J Antimicrob Chemother. 27 (1991), Suppl C, 129-139.
- Moore, Richard D., et al. 1984. "Risk factors for nephrotoxicity in patients treated with aminoglycosides", Ann Intern Med. 100 (1984), 352-357.
- Moore, Richard D. ; Smith, Craig R. and Lietman, Paul S. 1984. "Association of aminoglycoside plasma levels with therapeutic outcome in gram negative pneumonia", Amer J Med. 77 (1984), 657-662.

- Moore, Richard D. ; Smith, Craig R. and Lietman, Paul S. 1984. "The association of aminoglycoside plasma levels with mortality in patients with gram-negative bacteremia", J Infect Dis. 149 (March 1984), 443-448.
- Moore, Richard D. ; Lietman, Paul S. and Smith, Craig R. 1987. "Clinical Response to aminoglycoside therapy: Importance of the ratio of peak concentration to minimal inhibitory concentration", J Infect Dis. 155 (Jan. 1987), 93-99.
- Murry, Kellie R., et al. 1999. "Pharmacodynamic characterization of nephrotoxicity associated with once-daily aminoglycoside", Pharmacotherapy. 19 (1999), 1252-1260.
- Nicolau, David P., et al. 1995. "Experience with a once-daily aminoglycoside program administered to 2,184 adult patients", Antimicrob Agents Chemother. 39 (Mar. 1995), 650-655.
- Niemiec, Paul W. ; Allo, Maria D. and Millre, Clair F. 1987. "Effect of altered volume of distribution on aminoglycosides levels in patients in surgical intensive care", Arch Surg. 122 (Feb. 1987), 207-212.
- Noone, P., et al. 1974. "Experience in monitoring gentamicin therapy during treatment of serious gram-negative sepsis", British Medical Journal. 1 (16 March 1974), 477-481.
- Noone, P. and Rogers, B.T. 1976. "Pneumonia caused by coliforms and *Pseudomonas aeruginosa*", J Clin Phathol. 29 (1976), 652-656.
- Nordstrom, L., et al. 1990. "Dose administration of an aminoglycosides in a single daily dose affect its efficacy and toxicity?", J Antimicrob Chemother. 25 (1990), 159-173.
- Pennell, Andrew T. ; Allington, Douglas R. and Chandler, Mary H.H. 1991. "Effect of ceftazidime, cefotaxime, and cefoperazone on serum tobramycin concentrations", Am J Hosp Pharm. 48 (1991), 520-522.
- Pickering, Larry K. and Rutherford, Irene. 1981. "effect of concentration and time upon inactivation of tobramycin, gentamicin, netilmicin and amikacin by azlocillin, carbenicillin, mecillinam, mezlocillin and piperacillin", The Journal of Pharmacology and Experimental Therapeutics. 217 (1981), 345-349.
- Preston, Sandra L. and Briceland, Laurie L. 1995. "Single daily dosing of aminoglycosides", Pharmacotherapy. 15 (1995), 297-316.
- Prins, Jan M., et al. 1993. "Once versus thrice daily gentamicin in patients with serious infections", The Lancet. 341 (Feb. 1993), 335-339.

- Prins, Jan M., et al. 1994. "Once-daily gentamicin versus once-daily netilmicin in patients with serious infections-a randomized clinical trial", Journal of Antimicrobial Chemotherapy. 33 (1994), 823-835.
- Romano, S., et al. 1999. "Population pharmacokinetics of amikacin in patients with haematological malignancies", J Antimicrob Chemother. 44 (1999), 235-242.
- Rozdzinski, E., et al. 1993. "Once-daily versus thrice-daily dosing of netilmicin in combination with β -lactam antibiotics as empirical therapy for febrile neutropenia patients", J Antimicrob Chemother. 31 (1993), 585-598.
- Rybak, Michael J., et al. "Prospective evaluation of the effect of an aminoglycoside dosing regimen on rates of observed nephrotoxicity and ototoxicity", Antimicrob Agents and Chemother. 43 (July 1999), 1549-1555.
- Sanchez-Alcaraz, A., et al. "Therapeutic drug monitoring of tobramycin: once-daily versus twice-daily dosage schedules", Journal of Clinical Pharmacy and Therapeutics. 23 (1998), 367-373.
- Sangha, Kiranpal S., et al. 1995. "Pharmacokinetics of once-daily dosing of gentamicin in surgical intensive care unit patients with open fractures", Ann pharmacother. 29 (1995), 117-119.
- Sturm, A.W. 1989. "Netilmicin in the treatment of gram-negative bacteremia: single daily versus daily dosage", J Infect Dis. 159 (May 1989), 931-937.
- Susan, K., et al. 2000. "National survey of extended-interval aminoglycoside dosing", Clinical Infectious Disease. 30 (2000) 433-439.
- Ter Braak, Edith W., et al. 1990. "Once-daily dosing regimen for aminoglycosides plus β -lactam combination therapy of serious bacterial infection: comparative trial with netilmicin plus ceftriaxone", Amer J Med. 89 (July 1990), 58-66.
- The International Antimicrobial Therapy Cooperative Group of the European Organization for Research and Treatment of Cancer. 1993. "Efficacy and toxicity of single daily doses of amikacin and ceftriaxone versus multiple daily doses of amikacin and ceftazidime for infection in patients with cancer and granulocytopenia", Ann Intern Med. 119 (1 Oct. 1993), 584-593.

- Thomas, Jennifer K., et al. 1998. "Pharmacodynamic evaluation of factors associated with the development of bacterial resistance in acutely ill patients during therapy", Antimicrob Agents Chemother. 42 (Mar. 1998), 521-527.
- Thompson, Marietta I., et al. 1982. "Gentamicin inactivation by piperacillin or carbenicillin in patients with end-stage renal disease", Antimicrob Agents Chemother. 21 (Feb. 1982), 268-273.
- Tindula, Robert J. ; Ambrose, Peter J. and Harralson, Arthur F. 1983. "Aminoglycoside inactivation by penicillins and cephalosporins and its impact on drug-level monitoring", Drug Intelligence and Clinical Pharmacy. 17 (Dec. 1983), 906-908.
- Tod, M., et al. 1998. "Population pharmacokinetic study of amikacin administered once or twice daily to febrile, severely neutropenia adults", Antimicrob Agents Chemother. 42 (1998), 849-856.
- Tulkens, Paul M. 1991. "Pharmacokinetic and toxicological evaluation of once-daily regimen versus conventional schedules of netilmicin and amikacin", J Antimicrob Chemother. 27 (1985), Suppl. C, 49-61.
- Vogelman, Bennett S. and Craig, William A. 1985. "Postantibiotic effects", J Antimicrob Chemotherapy. 15 (1985), Suppl. A, 37-46.
- Wallace, Allison W. ; Jones, Matthew and Bertino, Joseph S. 2002. "Evaluation of four once-daily aminoglycoside dosing nomograms", Pharmacotherapy. 22 (2002), 1077-1083.
- Watling, Sharon M. and Dasta, Joseph F. 1993. "Aminoglycosides dosing considerations in intensive care unit patients", Ann Pharmacother. 27 (1993), 351-357.
- Winstanley T.G and Hastings, J.G.M. 1989. "Penicillin-aminoglycoside synergy and postantibiotic effect for enterococci", J Antimicrob Chemother. 23 (1989), 189-199.
- Wolfe, Thomas A., et al. 1998. "Assessment of the appropriateness of once-daily aminoglycoside dosing in surgical intensive care unit patients", Crit Care Med. 26 (1998), A99.
- Wright, Donald N., et al. 1988. "In vitro inactivation of aminoglycosides by cephalosporin antibiotics", Arch Pathol Lab Med. 112 (May 1988), 526-528.

Zaske, Darwin E., et al. 1982. "Gentamicin pharmacokinetics in 1,640 patients: method for control of serum concentrations", Antimicrob Agents Chemother. 21 (Mar. 1982), 407-411.

Zaske, Darwin E., et al. 1982. "Wide interpatient variations in gentamicin dose requirements for geriatric patients", JAMA. 248 (Dec. 1982), 3122-3126.

Zentany, R.G., et al. 1990. "Increased aminoglycoside dosage requirements in hematologic malignancy", Antimicrob Agents Chemother. 34 (1990), 702-708.

หนังสือ

เด่นพงศ์ พัฒนเศรษฐานนท์. 2543. "การติดตามตรวจวัดระดับยา Aminoglycosides", ใน การติดตามตรวจวัดระดับยาในเลือด. หน้า 23-46. อภรณ์ ไชยาคำ และ ยุพาพร ปรีชากุล, บรรณาธิการ. พิมพ์ครั้งที่ 1. ภาควิชา เภสัชกรรมคลินิก คณะเภสัชศาสตร์ มหาวิทยาลัยขอนแก่น.

รัชฎาภรณ์ วิสัย. 2543. "การใช้ยากุ่ม Aminoglycosides แบบขยายช่วงห่างการให้ยา", ใน การติดตามตรวจวัดระดับยาในเลือด. หน้า 47-55. อภรณ์ ไชยาคำ และ ยุพาพร ปรีชากุล, บรรณาธิการ. พิมพ์ครั้งที่ 1. ภาควิชา เภสัชกรรมคลินิก คณะเภสัชศาสตร์ มหาวิทยาลัยขอนแก่น.

สุวัฒน์ วิมลวัฒนาภรณ์. 2532. "ยาปฏิชีวนะ", ใน ตำราเภสัชวิทยา. หน้า 644-654. บุญเจือ ธรณินทร์, ประกอบ ผู้วิบูลย์สุข และ ธีรบุญรัตน์ ศรีประสงค์, บรรณาธิการ. พิมพ์ครั้งที่ 3. กรุงเทพมหานคร : โรงพิมพ์เรือนแก้วการพิมพ์.

Gilbert DN ; Moellering, RC and Sande, MA. 2003. The sanford guide to antimicrobial therapy, 2003, 33th ed. Hyde Park, VT: Antimicrobial Therapy Inc, 2003.

Tatro, D.S. 2000. Drug Interaction Facts. United State of America : Facts and Comparisons A Wolters Kluwer Company.