參考文獻

1. R.S. Griffith; H.R. Black, Cephalexin: A New Antibiotic. *Clinical Medicine*. 1968, 75:14-18.

2. R. L. Perkins; H. N. Carlisle; S. Saslaw, Cephalexin: In Vitro Bacterial Susceptibility. *American Journal of the Medical Sciences*. 1968, 256:122-129.

3. P. Gortazar; M. Ravina; J.T. Vazquez, Direct Quantitative Determination of Optically Active Absorbing Drugs in Human Urine by Circular Dichroism. Simultaneous Direct Determination of β-Lactam Antibiotics and Proteins. *Journal of Pharmaceutical Sciences*. 1995,84 (11):1316-1321.

4. J. Haginaka ; K. Yamaoka ; T. Nakagawa ; Y. Nishimura ; T. Uno, Evaluation of Effect of Food Ingestion on Bioavailability of Cephalexin by Moment Analysis. *Chemical and Pharmaceutical Bulletin* . 1979,27(12):3156-3159.

5. E. Finkelstein; R. Quintiliani ; R. Lee; A. Bracci ; C. H. Nightingale, Pharmacokinetics of Oral Cephalosporins: Cephradine and Cephalexin. *Journal of Pharmaceutical Sciences*. 1978,67(10):1447-1450.

6. H. Lode; R. Stahlmann; P. Koeppe, Comparative Pharmacokinetics of Cephalexin, Cefaclor, Cefadroxi1, and CGP 9000. *Antimicrobial Agents and Chemotherapy*. 1979, 16(l):1-6.

7. E. P. Abraham, *Nature*. 1955,176:551-552.

8. E. P. Abraham, Biochemistry of Some Peptide and Steroid Antibiotics. *John Wiley and Sons. Inc.* , 1957:39.

9. W. Godtfredsen, *The Lancet*. 1962,1:928-931.

10. G.G.F. Newton ; E. P. Abraham, *Nature*. 1955,175:548.

11. G. L. Patrick, *An Introduction to Medicinal Chemistry*. 1995:181-185.

12. E. H. Flynn, Biological and Chemical Studies of the Cephalosporins: *Clinical Agents & Chemotherapy*. 1966:715.

13. N. J. Snyder; L. B. Tabas; D. M. Berrg; D. C. Duckworth; D. O. Spry; A.H.Dantzig, Structure-Activity Relationship of Carbacephalosporins and Cephalosporins: Antibacterial Activity and Interaction with the Intestinal Proton-Dependent Dipeptide Transport Carrier of Caco-2 Cells. *Antimicrobial Agents and Chemotherapy*. 1997: 1649-1657.

14. R. S. Griffith ; H. R. Black, Cephalexin. *Medical Clinics of North America.* 1970,54(5):1229-1244.

15. **黃震遠**,Weidar Chemical & Pharmaceutical Co；Ltd. 2000.

16. The Merck Index 12th ed, 1996:328.

17. C. H. Nightingale; D. S. Greene; R. Quintiliani, Pharmacokinetics and Clinical Use Cephalosporin Antibiotics. *Journal of Pharmaceutical Sciences.* 1975,64:1899-1972.

18. **行政院衛生署,中華藥典**, 2000,5:155-158.

19. R. R. Pfeiffer; M. A. Tucker; K. S. Yang, *personal communication.*

20. B. G. Katzung, *Basic & Clinical Pharmacology 6th ed.* 1995:686-688.

21. B. R. Meyers; K. Kaplan; L. Weinstein, Cephalexin : Microbiological effects and pharmacologic parameters in man. *Clinical Pharmacology and Therapeutics.* 1969,10(6):810-816.

22. C. M. Kunin; Z. Finkelberg, Oral Cephalexin and Ampicillin : Antimicrobial Activity, Recovery in Urine, and Persistence in Blood of Uremic Pations *Annuals of Internal Medicine.* 1970, 72:349-356.

23. W. E. Wick, Cephalexin, a new orally absorbed cephalosporin antibiotic. *Applied Microbiology.* 1967,15:765.

24. T. S. Thornhill ; M. E. Levi son ; W. D. Johnson ; D. Kaye, In Vitro Anti-microbial Activity and Human Pharmacology of Cephalexin, a New Orally Absorbed Cephalosporin C Antibiotic. *Applied Microbiology.* 1969,17 (3):457-461.

25. J. S. Welles; R. 0. Froman ; W. R. Gibson ; N. V. Owen; R. C. Anderson, Toxicology and pharmacology of cephalexin in laboratory animals.*Antimicrobial Agents and Chemotherapy.* 1968:489.

26. R. L. Parsons ; G. M. Paddock, Absorption of Two Antibacterial Drugs, Cephalexin and Cotrimoxazole in Malabsorption Syndromes. *Journal of Antimicrobial Chemotherapy.* 1(suppl):59-67.

27. K. M. Deppermann; H. Lode; G. Hoffken; G. Tschink; C. Kalz ; P. Koeppe. Influence of Ranitidine, Pirenzepine, and Aluminum Magnesium Hydroxide on the Bioavailability of Various Antibiotics, Including Amoxicillin, Cephalexin, Doxycycline, and Amoxicillin-Clavulanic Acid. *An timicrobial Agents and Chemotherapy.* 1989,33(11):1901-1907.

28. C. Padoin; M. Tod; G. Perret: 0. Petitjean, Analysis of the Pharmacokinetic Interaction Between Cephalexin and Quinapril by A Nonlinear Mixed-effect Model. *Antimicrobial Agents & Chemotherapy*. 1998,42 (6):1463-1469.

29. C. W. Derrick; K. Reilly, The Role of Cephalexin in the Treatment of Skin and Soft-tissue Infections. *PostgruduateMedical Journal*. 1983**,** 59(suppl 5):43-46.

30. S. A. Kabins; B. Kelner; E. Walton; E. Goldstein, Cephalexin Therapy as Related to Renal Function. *The American Journal of the Medical Sciences*.1970, 259:133-142.

31. G. Menardi; J. P. Guggenbichler, Bioavailability of Oral Antibiotics in Children with Short-bowel syndrome. *Journal of Pediatric Surgery*.1984,19(l):84-86.

32. K. J. Tack; T. W. Littlejohn; G. Mailloux; M. M. Wolf; C. H. Keyserling, Cefdinir versus Cephalexin for the Treatment of Skin and Skin-structure Infection. The Cefdinir Adult Skin Infection Study Group. *Clinical Therapeutics*. 1998,20(2):244-256.

33. S. Barrios; J. H. Sorensen; R. G. W. Spickett, Bioavailability of Cephalexin after Intravenous Injection of its Lysine salt. *Ccmmunicayions, Journal Pharmacy and Pharmacology*. 1975,27:711.

34. T. R.. Tetzlaff; G. H. McCracken; M. L. Thomas, Bioavailability of Cephalexin in Children: Relationship to drug formulations and meals. *The Journal of Pediatrics*. 1978,92(2):292-294.

35. P. Braun; J. Tillotson; C. Wilcox; M. Finland, Cephalexin and Cephalo - glycin Activity In Vitro and Absorption and Urinary Excretion of Single Oral Doses in Normal Young Adults. *Applied Microbiology*. 1968,16 (11):1684-1694.

36. V. H. Lode; R. Stahlmann; G. Dzwillo; P. Koeppe, Vergleichende Pharmacokinetik oraler Cephalosporine: Cephalexin, Cefaclor, and Cefadroxil. *Drugs Research*. 1980,30(1):505-509.

37. P. Nicholas; B.R. Meyers; S.Z. Hirschman, Cephalexin: pharmacologic evaluation following oral and parenteral administration. *Journal of Clinical Pharmacology*. 1973,13(11):463-468.

38. R. M. Jung; W. J. Lin; P. F. Chen; R.R.L. Chen, The Pharmacokinetic Studies of Cephalexin Sodium solutions after Intravenous Administration. *The Chinese Pharmaceutical Journal*. 1998,50:129-135.

39. H. Saitoh; Y. Kobayashi; K. Miyazaki; T. Arita, A highly sensitive HPLC Method for the assay of Propantheline Used to Measure Its Uptake by Rat Intestinal Brush Border membrane vesicles. *Journal Pharmacy and Pharmacology*. 1987,39:9-12.

40. **胡昌勤；李勇軍；徐漫江；金少鴻，頭孢拉定頭孢氨苄頭孢　氨苄在反相高效液相色譜中保留行為的研究．中國抗生素雜誌．**1993,18(6):456-459.

41. J. A. McAteer; M. F. Hiltke; B. M. Silber; R. D. Faulkner, Liquid-Chromatographic Determination of Five Orally Active Cephalosporins - Cefixime, Cefaclor, Cefadroxil, Cephalexin, and Cephradine - in Human Serum. *Clinical chemistry*. 1987,33(10):1788-1790.

42. P. Leroy ; D. Decolin ; S. Nicolas ; P. Archimbault ; A. Nicolas, Residue Determination of Two Co-administered Antibacterial Agents - Cephalexin and Colistin - in Calf Tissue Using High-Performance Liquid Chromatography and Microbiological Methods. *Journal of Pharmaceutical & Biomedical Analysis*. 1989,7(12):1837-1846.

43. T. J. Sawamoto; S. J. Haruta; Y. J. Kurosaki ; K. T. Higaki ; T. K. Kimura, Prediction of the Plasma Concentration Profiles of Orally Administered Drugs in Rats on the Basis of Gastrointestinal Transit Kinetics and Absorbability. *Journal of Pharmacy and Pharmacology*. 1997, 49:450-457.

44. T. S. Ito; K. S. Yamaoka; T. M. Nakagawa, Short-period Double-dosing for Simultaneous Evaluation of Intestinal Absorption and Hepatic Disposition in a Single Corscious Rat Using Cephalexin as Test Drug. *Journal of Pharmacy and Pharmacology*. 1997, 49:1189-1194.

45. D. Agbaba; S. Eric; D. Z. Stakic; S. Vladimirov, HPTLC Assay of Cephalexin and Cefaclor in Pharmaceuticals. *Biomedical Chromatography*. 1998,12 (3):133-135.

46. S. Soback; G. Ziv; B. Kurtz; R. Paz, Clinical Pharmacokinetics of Five Oral Cephalosporins in Calves. *Research In Veterinary Science*. 1987,43 (2):166-172.

47. A. C. Kind; D. C. Kestle ; H. C. Standiford; W. M. Ki rby, Laboratory and Clinical Experience with Cephalexin. *Antimicrobial Agents and Chemotherapy*. 1968:361.

48. H. Schneider; C. H. Nightingale; R. Quintiliani ; D. R. Flanagan, Evaluation of an Oral Prolonged-Released Antibiotic Formulation. *Journal of Pharmaceutical Sciences*. 1978,67(11):1620-1622.

49. P. G. Welling; A. Se l en ; J. G. Pearson ; F. Kwok; M. C. Rogge ; A. Ifan;. D. Marrero; W. A. Craig; C. A. Johnson, A Pharmacokinetic Comparison of Cephalexin and Cefadroxi1 Using HPLC assay Procedures. *Biopharmaceuticas & Drug Disposition.* 1985, 6(2) :147-157.

50. P.E. Gower ; C. H. Dash, Cephalexin : Human Studies of Absorption and Excretion of A New Cephalosporin Antibiotic. *British Journal of pharmacology.* 1969, 37:738-747.

51. J. A. Davis; J. M. Holt, Clinical Pharmacology of cephalexin administered by intravenous injection. *Journal of Clinical Pathology.* 1972,25 (6):518-520.

52. C. O. Solberg; A. Schreiner; E. Hamre; A. Digraves, Therapy of infections with parenteral cephalexin. *Chemotherapy*. 1973,19(4):215-220.

53. H.R. Su l l i van ; R. E. Bi11ings ; R. E. McMahon, Metabo1ism o f Cephalex i n-^{14}C in Mice and in Rats. *Journal of Antibiotics.* 1969,22:195.

54. Virginia M. Johnson, John P. Allanson, Roger C. Causon, Determination of the cephalosporin antibiotic cephradine in human plasma by high-performance liquid chromatography with ultraviolet detection. *Journal of Chromatography B.* 2000, 740 : 71-80.

55. Luisa Gallo Martinez, Pilar Campins Falco, Adela Sevillano Cabeza, Comparison of several methods used for the determination of cephalosporins. Analysis of cephalexin in pharmaceutical samples. *Journal of Pharmaceutical and Biomedical Analysis.* 2002,29:405-423.

56. Ehinger AM. Kietzmann M, Pharmacokinetics of cephalexin from two oral formulations in dogs. *Berl Munch Tierarztl Wochenschr*.2002,115(1-2):57-61.

57. N.M.Najib, M.S.Suleiman, Y.M.El-Sayed and M. E. Abdulhameed, High performance liquid chromatographic analysis of cephalexin in serum and urine. *Journal of Clinical Pharmacy and Therapeutics.*1987,12:419-426.

58. Daniel A. Spyker, Bruce L. Thomas, Merle A. Sande, and W. Kline Bolton, Pharmacokinetics of Cefaclor and Cephalexin: Dosage Nomograms for Impaired Renal Function. *Antimicrobial Agents and Chemotherapy.*1978,172-177.

59. Paul M. Kovach and Ronald J. Lantz, High-performance liquid chromatographic determination of loracarbef, a potential metabolite, cefaclor and cephalexin in human plasma, serum and urine. *Journal of Chromatography*, 1991,567:129-139.

60. Peter G. Welling , Arzu Selen, John G. Pearson, Florence Kwok, Mark C. Rogge, Agber Ifan, Diana Marrero, William A. Craig and Curtis A. Johnson, A pharmacokinetic comparison of cephalexin and cefadroxil using HPLC assay procedures. *Biopharmaceutics & Drug Disposition,* 1985,6:147-157.

61. J.B. Lecaillon, M.C.Rouan, C. Souppart, N. Febvre and F.Juge, Determination of cefsulodin , cefotiam , cephalexin , cefotaxime , desacetyl-cefotaxime , cefuroxime and cefroxadin in plasma and urine by high-performance liquid chromatography. *Journal of Chromatography,* 1982,228:257-267.

62. Margaret A. Carroll, E. Roderick White, Zsuzsa Jancsik and John E. Zarembo, The determination of cephradine and cephalexin by reverse phase high-performance liquid chromatography. *Journal of Antibiotics,* 1977,30(5):397-403.

63. Oksana M. Korzeniowski, W. Michael Scheld, and Merle A. Sande, Comparative pharmacology of cefaclor and cephalexin. *Antimicrobial Agents and Chemotherapy,* 1977,157-162.

64. Department of Medical Microbiology, Dudley Road Hospital, Birmingham, UK, The pharmacokinetics of the oral cephalosporins—a review. *Journal of Antimicrobial Chemotherapy,* 1990,26,Suppl.E,13-20.

65. John Wiley & SONS, Chemotherapeutic agents. *Essentials of Medicinal Chemistry,second edition,*776-785.

66. Kachab EH, Wu WY, Chapman CB, The development of an enzyme-linked immunosorbent assay (ELISA) for cephalexin. *Journal of Immunological Methods,* 1992,147(1):33-41.

67. Coran SA, Bambagiotti-Alberti M, Giannellini V, Baldi A, Picchioni G, Paoli F, Development of a densitometric method for the determination of cephalexin as an alternative to the standard HPLC procedure. *Journal of Pharmaceutical & Biomedical Analysis,* 1998,18(1-2):271-4.

68. Plavsic F, Vrhovac B, Radosevic A, Dvorzak I, Correlation between fluorimetric and microbiological methods for determination of cephalexin in urine and serum. *Journal of Clinical Chemistry & Clinical Biochemistry,* 1981,19(1):35-8.