

เอกสารอ้างอิง

1. Klicke C, Nies BA, Meyer JF, Tolxdorff - Nentzling RM, Wiedemann B. Evolution of plasmid coded resistance to board spectrum cephalosporina. *AntimiCROb Agents Chemother.* 1985 ; 28 : 302-7.
2. Brun-Buisson C, Legrand P, Philippon A, Montravers F, Ansquer M, Duval J. Transferable enzymatic resistance to third generation cephalosporins during nosocomial outbreak of multiresistant *Klebsiella pneumoniae*. *Lancet.* 1987 ; 11 : 302-6.
3. Sirot D, Sirot R, Labia R, et al. Transferable resistance to third generation cephalosporins in clinical isolates of *Klebsiella pneumoniae* : identification of CTX-1, a novel betalactamase. *J AntimiCROb Chemother.* 1987 ; 20 : 323-34.
4. Banerfneid A, Horl G. Novel R-factor borne betalactamase of *Escherichia coli* conferring resistance to cephalosporins. *Infection* 1987 ; 15 : 157-9.
5. Spencer RC, Wheat PF, Winotanley TG, Cox DM, Plested SJ. Novel betalactamases in a clinical isolate of *Klebsiella pneumoniae* conferring unusual resistance to betalactam antibiotics. *J AntimiCROb Chemother.* 1987 ; 20 : 919-21.
6. Petit A, Sirot DL, Chanal CM, et al. Novel plasmid mediated betalactamase in clinical isolate of *Klebsiella pneumoniae* more resistance to ceftazidime than to other broad-spectrum cephalosporins. *AntimiCROb Agents Chemother.* 1988 ; 32 : 626-30.
7. Jacoby GA, Medeiros AA. Mor extended-spectrum beta-lactamases. *AntimiCROb Agents chemother.* 1991 ; 35 : 1697-1704.
8. Chanal CM, Sirot DL, Labia R, et al. Comparative study of a novel plasmid-mediated betalactamase, CAZ-2 and the CTX-1 and CAZ-1 enzymes conferring resistance to broad-spectrum cephalosporins. *AntimiCROb Agents Chemother.* 1988 ; 32 : 1660-5
9. Jacoby GA, Sulton L. Properties of plasmid responsible for extended-spectrum betalactamase production. *AntimiCROb Agents Chemother.* 1991 ; 35 : 164-9.
10. Philippon A, Redjeb SB, Fournier G, Hassen AB. Epidemiology of extended spectrum betalactamase. *Infection.* 1989 ; 17 : 347-54.
11. Jarlier V, Nicolas MH, Fournier G, Philippon A. Extended broad-spectrum beta-lactamases conferring transferable resistance to newer betalactam agents in Enterobacteriaceae : hospital prevalence and susceptibility patterns. *Rev Infect Dis.* 1988 ; 10 : 867-78.
12. Songakoff W, Gowssard S, Courvalin P. The TEM-3 betalactamase, which hydrolyzes broad-spectrum cephalosporins is derived from the TEM-2 penicillinase by two amino acid substitutions. *FEMS MiCRObiol Lett.* 1988 ; 56 : 343-8.
13. Jacoby GA, Carreras I. Activities of betalactam antibiotics against *Escherichia coli* strains producing extended-spectrum beta-lactamases. *AntimiCROb Agents Chemother.* 1990 ; 34 : 858-62.
14. Philippon A. Worldwide origins and impact and magnitude of extended-spectrum plasmid-mediated beta-lactamases (Abstract 1) symposium on the effects of plasmid-mediated cephalosporinase and endotoxin on septic patients, Edinburgh, September 11-12, 1993.
15. นลินี อัครโกศล, สุรณี พุกษชาดิวิไล, อนุชา เจริญสุข. ความชุกและแบบแผนผลความไวของเชื้อแบคทีเรียที่ผลิตเอนไซม์เบตาแลคตาเมส รุ่นดริฟต์ที่พบในโรงพยาบาลมหาวิทยาลัยแห่งหนึ่ง. *วารสารโรคติดเชื้อและยาต้านจุลชีพ* 2537 ; 11 : 49-53.
16. Swenson JM, Hindler JA, Peterson LR. Special tests for detecting antibacterial resistance. In : Murray PR. Baren EJ, Pfaller MA, Tenover FC, Tenover RH, eds. *Manual of Clinical Microbiology* 6th ed. AMS press, Washington D.C. 1995 ; 1356-67.
17. Thornsberry C. Automation and mechanization in Antimicrobial susceptibility testing. In : Lorian V, ed. *Antibiotics in laboratory medicine.* 2nd ed. Waverly Press, Inc. USA. 1986 ; 151-8.

82
RC
116
-G 697
0 414

18. Livermore DM, Jones CS. Characterization of NPS-1, a novel plasmid-mediated β -lactamase, plasmid-mediated β -lactamase, from two *Pseudomonas aeruginosa* isolates. *Antimicrob Agents Chemother.* 1986 ; 29 : 99-103.
19. Papamicol GA, Medeiros AA, Jacoby GA. Novel plasmid mediated β -lactamase (MIR-1) conferring resistance to oxyimino and α -methoxy β -lactamas in clinical isolates of *Klebsiella pneumoniae*. *Antimicrob Agents Chemother.* 1990;34 : 2200-9.
20. Soilleux MJ, Morand AM, Arlet GJ, Scavizzi MR, Labia R. Swrvey of *Klebsiella pneumoniae* producing extended-spectrum β -lactamas : prevalence of TEM-3 and first identification of TEM-26 in France. *Antimicrob Agents Chemother.* 1996;40 : 1027-9.
21. Burman LG, Haeggman S, Kustila M, Tullus K, Huovinen P. Epidemiology of plasmid-mediated β -lactamas in Enterobacteria in Swedish neonatal wards and relation to Antimicrobial therapy. *Antimicrob Agents Chemother.* 1992 ; 36 989-92.
22. Liver DM. Kinetics and significance of the activity of the Sabath and Abraham's β -lactamase of *Pseudomonas aeruginosa* against cefotaxime and cefsulodin. *J Antimicrob Chemother.* 1983 ; 11 : 169-79.
23. Vu H, Nikaido H. Role of β -lactam hydrolysis in the mechanism of resistance of a β -lactamase-constitutive *Enterobacter cloacae* strain to expanded-spectrum β -lactamase. *Antimicrob Agents Chemother.* 1985 ; 27 : 393-8.
24. Thomson KS, Sanders CC. Detection of extended-spectrum β -lactamase in members of the family Enterobacteriaceae : comparison of the double-disk and three-dimensional tests. *Antimicrob Agents Chemother.* 1992 ; 36 : 1877-82.
25. Charrel RN, Pages J-M, MiCRO PD, Mallea M. Prevalence of outer membrane porin alteration in β -lactam-antibiotic-resistant *Enterobacter aerogenes*. *Antimicrob Agents Chemother.* 1996 ; 40 : 1289-93.
26. Fung-Tome JC, Gradelski E, Huczko E, Dongherty TJ, Kessler RE, Bonner DP. Differences in the resistant variants of *Enterobacter cloacae* selected by extended-spectrum cephalospains. *Antimicrob Agents Chemother.* 1996; 40 : 1289-93.
27. Chambers HF, Hartman BJ, Tomasz A. Increosed amorents of a novel penicillin-binding protein in a strain of methicillin-resistant *Staphylococcus aureus* exposed to nafcillin. *J Clin Invest.* 1985 ; 76 : 325-31.
28. Sirot D. Extended-spectrum plasmid-mediated β -lactamase. *J Antimicrob Chemo- ther.* 1995. ; 36, Suppl A : 19-34.
29. Lice PYF, Gur D, Hall LMC, Livermore DM. Survey of the prevalence of β -lactamase among 1000 gram-negative bacilli isolated consecntively at the Royal London Hospital. *J Antimicrob Chemother.* 1992 ; 30 : 429-47.
30. Gazouli M, Tzouveleakis LS, Prinarakis E, Mirizgon V, Tzelepi E. Transferable cefoxitin resistance in Enterobacteria from Greek Hospitals and characterization of a plasmid-mediated group 1 β -lactamase (LAT-2). *Antimicrob Agents Chemother.* 1996 ; 40 : 1736-40.
31. Nuesch-Inderbinen MT, Hachler H, Kayser FH. Detection of genes coding for extended-spectrum SHV beta-lactamases in clinical isolates by a molecular genetic method and comparison with the E test. *Eur J Clin Microbiol Infec Dis.* 1996 ; 15 : 398-402.

