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Search Key Word: Auxotyping and Neisseria gonorrhoeae (in Abstract)

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1. **Agarwal, S., M. Deb, K. Prakash, and A. Sharma.** 1992. Auxotyping of Neisseria gonorrhoeae as an additional epidemiological marker. *Indian J Med Res* **95**:227-9.
2. **Ansink-Schipper, M., M. Huikeshoven, R. Woudstra, B. van Klingeren, G. de Koning, D. Tio, F. Schoonhoven, and R. Coutinho.** 1984. Epidemiology of PPNG infections in Amsterdam: analysis by auxanographic typing and plasmid characterisation. *Br J Vener Dis* **60**:23-8.
3. **Ansink-Schipper, M., B. van Klingeren, H. Huikeshoven, R. Woudstra, and M. Dessens-Kroon.** 1985. Relation between nutritional requirements and susceptibilities to antibiotics of strains of Neisseria gonorrhoeae from pharyngeal and anogenital sites. *Genitourin Med* **61**:39-43.
4. **Arini, A., R. Peduzzi, and J. Piffaretti.** 1983. [Epidemiology of Neisseria gonorrhoeae isolated in Switzerland: sensitivity to antibiotics and auxotyping]. *Schweiz Med Wochenschr* **113**:462-70.
5. **Arya, O., E. Rees, G. Turner, A. Percival, C. Bartzokas, E. Annels, P. Carey, A. Ghosh, A. Jephcott, and N. Johnston.** 1984. Epidemiology of penicillinase-producing Neisseria gonorrhoeae in Liverpool from 1977 to 1982. *J Infect* **8**:70-83.
6. **Aydin, D., K. Köksalan, S. Kömeç, and G. Aktaş.** 2004. Auxo-, sero-, and opa-typing of Neisseria gonorrhoeae strains isolated in Istanbul, Turkey. *Sex Transm Dis* **31**:628-30.
7. **Beebe, J., M. Rau, S. Flageolle, B. Calhoun, and J. Knapp.** 1993. Incidence of Neisseria gonorrhoeae isolates negative by Syva direct fluorescent-antibody test but positive by Gen-Probe accuprobe test in a sexually transmitted disease clinic population. *J Clin Microbiol* **31**:2535-7.
8. **Bindu, M., P. Rajendran, S. Thyagarajan, N. Pramod, U. Rao, M. Ganapathy, and T. Kurien.** 2002. Molecular typing of Neisseria gonorrhoeae from hospital and community isolates by restriction fragment length polymorphism. *Int J STD AIDS* **13**:124-30.
9. **Brett, M., H. Davies, J. Blockley, and H. Heffernan.** 1992. Antibiotic susceptibilities, serotypes and auxotypes of Neisseria gonorrhoeae isolated in New Zealand. *Genitourin Med* **68**:321-4.
10. **Brunham, R., L. Fransen, F. Plummer, P. Piot, L. Slaney, S. Bygdeman, and H. Nsanze.** 1985. Antimicrobial susceptibility testing and phenotyping of Neisseria gonorrhoeae isolated from patients with ophthalmia neonatorum in Nairobi, Kenya. *Antimicrob Agents Chemother* **28**:393-6.
11. **Brunham, R., F. Plummer, L. Slaney, F. Rand, and W. DeWitt.** 1985. Correlation of auxotype and protein I type with expression of disease due to Neisseria gonorrhoeae. *J Infect Dis* **152**:339-43.
12. **Buisson, Y., M. Guibourdenche, C. Renault-Steens, and J. Riou.** 1984. [Epidemiologic approach to gonococcal infections in Senegal through the study of auxotypes]. *Bull Soc Pathol Exot Filiales* **77**:617-27.
13. **Bygdeman, S., I. Kallings, and D. Danielsson.** 1981. Serogrouping and auxotyping for epidemiological study of beta-lactamase-producing Neisseria gonorrhoeae strains isolated

- in Sweden. *Acta Derm Venereol* **61**:329-34.
14. **Bäckman, M., A. Rudén, S. Bygdeman, E. Falk, A. Jonsson, I. Kallings, O. Ringertz, and E. Sandström.** 1987. Comparison between serological classification and auxotyping in the analysis of *Neisseria gonorrhoeae* infections. *Acta Pathol Microbiol Immunol Scand [B]* **95**:181-8.
 15. **Camarena, J., M. Dasi, J. Nogueira, R. García Verdú, V. Villanueva, and J. Barberá.** 1992. [Membrane proteins electrophoretic profiles study applied to *Neisseria gonorrhoeae* epidemiology]. *Enferm Infecc Microbiol Clin* **10**:200-4.
 16. **Camarena, J., J. Nogueira, M. Dasi, F. Moreno, R. Garcia, E. Ledesma, J. Llorca, and J. Hernandez.** 1995. DNA amplification fingerprinting for subtyping *Neisseria gonorrhoeae* strains. *Sex Transm Dis* **22**:128-36.
 17. **Carifo, K., and B. Catlin.** 1973. *Neisseria gonorrhoeae* auxotyping: differentiation of clinical isolates based on growth responses on chemically defined media. *Appl Microbiol* **26**:223-30.
 18. **Catlin, B.** 1974. Genetic transformation of biosynthetically defective *Neisseria gonorrhoeae* clinical isolates. *J Bacteriol* **120**:203-9.
 19. **Catlin, B., and P. Pace.** 1977. Auxotypes and penicillin susceptibilities of *Neisseria gonorrhoeae* isolated from patients with gonorrhea involving two or more sites. *Antimicrob Agents Chemother* **12**:147-56.
 20. **Chalkley, L., M. Janse van Rensburg, P. Matthee, C. Ison, and P. Botha.** 1997. Plasmid analysis of *Neisseria gonorrhoeae* isolates and dissemination of *tetM* genes in southern Africa 1993-1995. *J Antimicrob Chemother* **40**:817-22.
 21. **Chu, M., M. Lin, and L. Ho.** 1989. [Epidemiological characterization of *Neisseria gonorrhoeae* isolates from Taiwan. Part II: Distribution of auxotyping, serogrouping and plasmid profile]. *Taiwan Yi Xue Hui Za Zhi* **88**:734-9.
 22. **Copley, C., and S. Egglestone.** 1983. Auxotyping of *Neisseria gonorrhoeae* isolated in the United Kingdom. *J Med Microbiol* **16**:295-302.
 23. **Copley, C., K. Gough, and S. Egglestone.** 1985. Epidemiological studies on *Neisseria gonorrhoeae* isolated in the United Kingdom. *Eur J Epidemiol* **1**:166-71.
 24. **Crawford, G.** 1978. Gonococcal auxotyping, a new tool. *Sex Transm Dis* **5**:165-8.
 25. **Dasi, M., J. Nogueira, J. Camarena, C. Gil, R. Garcia-Verdú, J. Barberá, and J. Barberá.** 1992. Use of genomic fingerprinting in the characterization of *Neisseria gonorrhoeae* isolated in Valencia, Spain. *Eur J Clin Microbiol Infect Dis* **11**:804-9.
 26. **Dasi, M., J. Nogueira, J. Camarena, C. Gil, R. García-Verdú, J. Barberá, and J. Barberá.** 1992. Genomic fingerprinting of penicillinase-producing strains of *Neisseria gonorrhoeae* in Valencia, Spain. *Genitourin Med* **68**:170-3.
 27. **De La Fuente, L., and J. Vázquez.** 1994. Genetic structures of non-penicillinase-producing *Neisseria gonorrhoeae* strains in relation to auxotype and serovar class. *J Infect Dis* **170**:696-700.
 28. **Del Rio, C., D. Stephens, J. Knapp, R. Rice, and W. Schalla.** 1989. Comparison of isolates of *Neisseria gonorrhoeae* causing meningitis and report of gonococcal meningitis in a patient with C8 deficiency. *J Clin Microbiol* **27**:1045-9.
 29. **Ding, M., and R. Williams.** 1987. Auxotyping of *Neisseria gonorrhoeae* isolated in Taiwan. *Zhonghua Min Guo Wei Sheng Wu Ji Mian Yi Xue Za Zhi* **20**:262-8.
 30. **Divekar, A., A. Gogate, and L. Shivkar.** 1999. Association between auxotypes, serogroups, and antibiotic susceptibilities of *Neisseria gonorrhoeae* isolated from women

- in Mumbai (formerly Bombay), India. *Sex Transm Dis* **26**:358-63.
31. **Ehret, J., and J. Knapp.** 1989. Gonorrhea. *Clin Lab Med* **9**:445-80.
 32. **Falk, E., S. Bygdeman, N. Birkeland, B. Bjorvatn, I. Kallings, and E. Sandström.** 1988. Genotypes and phenotypes of beta lactamase producing strains of *Neisseria gonorrhoeae* from African countries. *Genitourin Med* **64**:226-32.
 33. **Falk, E., S. Egglestone, A. Digranes, G. Volden, and B. Bjorvatn.** 1988. Genotypic and phenotypic markers in the differentiation of *Neisseria gonorrhoeae* strains. *APMIS* **96**:109-16.
 34. **Fekete, T.** 1993. Antimicrobial susceptibility testing of *Neisseria gonorrhoeae* and implications for epidemiology and therapy. *Clin Microbiol Rev* **6**:22-33.
 35. **Fenoll, A., S. Berrón, and J. Vázquez.** 1987. Analysis of penicillinase-producing *Neisseria gonorrhoeae* isolates in Madrid (Spain) from 1983-85. *Epidemiol Infect* **99**:455-62.
 36. **Georges, A., M. Georges, J. Saluzzo, J. Gonzales, P. Martin, M. Guibourdenche, and J. Riou.** 1982. [Auxotyping and sensitivity to 5 antibiotics of *Neisseria gonorrhoeae* strains isolated in the Central African Republic 1980 and 1981]. *Bull Soc Pathol Exot Filiales* **75**:352-9.
 37. **Handsfield, H., R. Rice, M. Roberts, and K. Holmes.** 1989. Localized outbreak of penicillinase-producing *Neisseria gonorrhoeae*. Paradigm for introduction and spread of gonorrhea in a community. *JAMA* **261**:2357-61.
 38. **Handsfield, H., E. Sandström, J. Knapp, P. Perine, W. Whittington, D. Sayers, and K. Holmes.** 1982. Epidemiology of penicillinase-producing *Neisseria gonorrhoeae* infections: analysis by auxotyping and serogrouping. *N Engl J Med* **306**:950-4.
 39. **Harnett, N., S. Brown, G. Riley, R. Terro, C. Krishnan, M. Pauzé, and K. Yeung.** 1997. Analysis of *Neisseria gonorrhoeae* in Ontario, Canada, with decreased susceptibility to quinolones by pulsed-field gel electrophoresis, auxotyping, serotyping and plasmid content. *J Med Microbiol* **46**:383-90.
 40. **Hoosen, A., G. Mody, I. Goga, A. Kharsany, and J. Van den Ende.** 1994. Prominence of penicillinase-producing strains of *Neisseria gonorrhoeae* in gonococcal arthritis--experience in Durban, South Africa. *Br J Rheumatol* **33**:840-1.
 41. **Ison, C., L. Whitaker, and A. Renton.** 1992. Concordance of auxotype/serovar classes of *Neisseria gonorrhoeae* between sexual contacts. *Epidemiol Infect* **109**:265-71.
 42. **Khaki, P., P. Bhalla, P. Sharma, R. Chawla, and K. Bhalla.** 2007. Epidemiological analysis of *Neisseria gonorrhoeae* isolates by antimicrobial susceptibility testing, auxotyping and serotyping. *Indian J Med Microbiol* **25**:225-9.
 43. **Knapp, J.** 1988. Laboratory methods for the detection and phenotypic characterization of *Neisseria gonorrhoeae* strains resistant to antimicrobial agents. *Sex Transm Dis* **15**:225-33.
 44. **Knapp, J., M. Tam, R. Nowinski, K. Holmes, and E. Sandström.** 1984. Serological classification of *Neisseria gonorrhoeae* with use of monoclonal antibodies to gonococcal outer membrane protein I. *J Infect Dis* **150**:44-8.
 45. **Kohl, P., I. Henze, and D. Petzoldt.** 1993. [Molecular epidemiology of *Neisseria gonorrhoeae*: typing with combined auxotype/serovar classification]. *Gesundheitswesen* **55**:239-45.
 46. **Kohl, P., C. Ison, D. Danielsson, J. Knapp, and D. Petzoldt.** 1990. Current status of serotyping of *Neisseria gonorrhoeae*. *Eur J Epidemiol* **6**:91-5.

47. **Kohl, P., J. Knapp, H. Hofmann, K. Gruender, D. Petzoldt, M. Tams, and K. Holmes.** 1986. Epidemiological analysis of *Neisseria gonorrhoeae* in the Federal Republic of Germany by auxotyping and serological classification using monoclonal antibodies. *Genitourin Med* **62**:145-50.
48. **Korting, H., and D. Abeck.** 1988. [Lectin typing as an efficient epidemiological marker system for *Neisseria gonorrhoeae* infections]. *Zentralbl Bakteriol Mikrobiol Hyg [A]* **269**:506-12.
49. **Korting, H., D. Abeck, and U. Neubert.** 1985. [Importance of the auxotyping of *Neisseria gonorrhoeae* for evaluating gonorrhea therapy studies]. *Dermatologica* **171**:175-9.
50. **Lau, Q., V. Chow, and C. Poh.** 1995. Differentiation of *Neisseria gonorrhoeae* strains by polymerase chain reaction and restriction fragment length polymorphism of outer membrane protein IB genes. *Genitourin Med* **71**:363-6.
51. **Le Faou, A., I. Guy, and J. Riou.** 1979. [Auxotypes and sensitivity to 6 antibiotics of strains of *Neisseria gonorrhoeae* isolated at Strasbourg in 1977-1978 (author's transl)]. *Ann Dermatol Venereol* **106**:267-72.
52. **Mee, B., G. Turbett, and G. Rich.** 1988. The epidemiology of *Neisseria gonorrhoeae* isolates from Western Australia based on antibiotic resistance and plasmid profiles. *J Antimicrob Chemother* **21**:117-24.
53. **Minshev, B., J. Beardsley, and J. Knapp.** 1985. Evaluation of GonoGen coagglutination test for serodiagnosis of *Neisseria gonorrhoeae*: identification of problem isolates by auxotyping, serotyping, and with a fluorescent antibody reagent. *Diagn Microbiol Infect Dis* **3**:41-6.
54. **Moodley, P., I. Martin, C. Ison, and A. Sturm.** 2002. Typing of *Neisseria gonorrhoeae* reveals rapid reinfection in rural South Africa. *J Clin Microbiol* **40**:4567-70.
55. **Morello, J., S. Lerner, and M. Bohnhoff.** 1976. Characteristics of atypical *Neisseria gonorrhoeae* from disseminated and localized infections. *Infect Immun* **13**:1510-6.
56. **Moyes, A., and H. Young.** 1993. Typing of *Neisseria gonorrhoeae* by auxotype, serovar and lectin agglutination. *Br J Biomed Sci* **50**:295-300.
57. **Ng, L., and I. Martin.** 2005. The laboratory diagnosis of *Neisseria gonorrhoeae*. *Can J Infect Dis Med Microbiol* **16**:15-25.
58. **Noble, R.** 1980. Characterisation of *Neisseria gonorrhoeae* from women with simultaneous infections at two sites. *Br J Vener Dis* **56**:3-5.
59. **Noble, R., and B. Miller.** 1980. Auxotypes and antimicrobial susceptibilities of *Neisseria gonorrhoeae* in black and white patients. *Br J Vener Dis* **56**:26-30.
60. **Noble, R., A. Oranje, M. Michel, and E. Stolz.** 1980. Relationship of the interval between infections and the similarity of gonococcal strains in recurrent gonorrhoea. *Br J Vener Dis* **56**:31-4.
61. **Noble, R., and M. Parekh.** 1983. Association of auxotypes of *Neisseria gonorrhoeae* and susceptibility to penicillin G, spectinomycin, tetracycline, cefaclor, cefoxitin, and moxalactam. *Sex Transm Dis* **10**:18-23.
62. **Noble, R., and M. Parekh.** 1984. Susceptibility of different auxotypes of *Neisseria gonorrhoeae* to norfloxacin, cefotaxime, cefuroxime, and erythromycin. *Sex Transm Dis* **11**:152-5.
63. **Nowicki, S., P. Ram, T. Pham, P. Goluszko, S. Morse, G. Anderson, and B. Nowicki.** 1997. Pelvic inflammatory disease isolates of *Neisseria gonorrhoeae* are distinguished by

- C1q-dependent virulence for newborn rats and by the sac-4 region. *Infect Immun* **65**:2094-9.
64. **Náder-García, E., V. Mondragón-Jaimes, and C. Conde-González.** 1992. [Use of molecular biology in the epidemiological characterization of *Neisseria gonorrhoeae*]. *Salud Publica Mex* **34**:292-300.
 65. **Odugbemi, T., S. Brown, J. Biddle, S. Johnson, G. Perkins, W. DeWitt, and W. Albritton.** 1983. Plasmid profile, serogrouping, and auxotyping of *Neisseria gonorrhoeae* isolates from Africa. *Br J Vener Dis* **59**:41-3.
 66. **Odugbemi, T., W. Whittington, W. DeWitt, G. Perkins, S. Johnson, J. Biddle, M. Piziak, and W. Albritton.** 1983. Epidemiological characterisation of *Neisseria gonorrhoeae* isolates from the Far East. *Br J Vener Dis* **59**:285-8.
 67. **Palmer, H., H. Young, I. Martin, C. Ison, and B. Spratt.** 2005. The epidemiology of ciprofloxacin resistant isolates of *Neisseria gonorrhoeae* in Scotland 2002: a comparison of phenotypic and genotypic analysis. *Sex Transm Infect* **81**:403-7.
 68. **Poh, C., J. Ocampo, E. Sng, and S. Bygdeman.** 1991. Characterisation of PPNG and non-PPNG *Neisseria gonorrhoeae* isolates from Singapore. *Genitourin Med* **67**:389-93.
 69. **Reimann, K., I. Kallings, and I. Lind.** 1993. The epidemiology of *Neisseria gonorrhoeae* isolates in Greenland 1979-1990: the emergence, spread and disappearance of non-PPNG strains carrying the conjugative 38.9 kb plasmid. *Sex Transm Dis* **20**:338-43.
 70. **Rice, R., J. Biddle, Y. JeanLouis, W. DeWitt, J. Blount, and S. Morse.** 1986. Chromosomally mediated resistance in *Neisseria gonorrhoeae* in the United States: results of surveillance and reporting, 1983-1984. *J Infect Dis* **153**:340-5.
 71. **Riou, J.** 1981. [Concern of the bacteriology laboratory in the diagnosis and surveillance of gonococcal and meningococcal infections]. *Arch Inst Pasteur Tunis* **58**:387-99.
 72. **Riou, J., P. Martin, and M. Guibourdenche.** 1984. [Epidemiological surveillance of beta-lactamase producing gonococci. I. Auxotyping of 83 strains isolated in France (May 1979-April 1983)]. *Presse Med* **13**:1133-6.
 73. **Sandström, E., and A. Rudén.** 1990. Markers of *Neisseria gonorrhoeae* for epidemiological studies. *Scand J Infect Dis Suppl* **69**:149-56.
 74. **Short, H., V. Ploscowe, J. Weiss, and F. Young.** 1977. Rapid method for auxotyping multiple strains of *Neisseria gonorrhoeae*. *J Clin Microbiol* **6**:244-8.
 75. **Tenover, F., J. Knapp, C. Patton, and J. Plorde.** 1985. Use of auxotyping for epidemiological studies of *Campylobacter jejuni* and *Campylobacter coli* infections. *Infect Immun* **48**:384-8.
 76. **Turgeon, P., and M. Granger.** 1980. Auxotypes of *Neisseria gonorrhoeae* isolated from localized and disseminated infections in Montreal. *Can Med Assoc J* **123**:381-4.
 77. **Tzanakaki, G., L. Mavrommati, E. Tzelepi, S. Kolyva, and E. Fragouli.** 1989. Serological classification in relation to auxotypes, plasmid contents, and susceptibilities to antimicrobials of PPNG and non-PPNG strains isolated in Greece. *Genitourin Med* **65**:171-6.
 78. **Van Dyck, E., F. Crabbé, N. Nzila, J. Bogaerts, J. Munyabikali, P. Ghys, M. Diallo, and M. Laga.** 1997. Increasing resistance of *Neisseria gonorrhoeae* in west and central Africa. Consequence on therapy of gonococcal infection. *Sex Transm Dis* **24**:32-7.
 79. **Van Looveren, M., C. Ison, M. Ieven, P. Vandamme, I. Martin, K. Vermeulen, A. Renton, and H. Goossens.** 1999. Evaluation of the discriminatory power of typing

- methods for *Neisseria gonorrhoeae*. *J Clin Microbiol* **37**:2183-8.
80. **Warren, C., and I. Phillips.** 1993. Penicillinase producing *Neisseria gonorrhoeae* from St Thomas' Hospital 1976-1990--the first fifteen years. *Genitourin Med* **69**:201-7.
 81. **Whiley, D., E. Limnios, S. Ray, T. Sloots, and J. Tapsall.** 2007. Diversity of penA alterations and subtypes in *Neisseria gonorrhoeae* strains from Sydney, Australia, that are less susceptible to ceftriaxone. *Antimicrob Agents Chemother* **51**:3111-6.
 82. **Xia, M., W. Whittington, K. Holmes, F. Plummer, and M. Roberts.** 1995. Pulsed-field gel electrophoresis for genomic analysis of *Neisseria gonorrhoeae*. *J Infect Dis* **171**:455-8.
 83. **Ye, S., Q. Wang, X. Su, Y. Yin, X. Dai, and H. Sun.** 2003. [Epidemiological and bacteriological characteristics of *Neisseria gonorrhoeae* isolates in China]. *Zhonghua Liu Xing Bing Xue Za Zhi* **24**:119-22.
 84. **Young, H., A. Moyes, J. Ross, A. McMillan, and D. Robertson.** 1993. Serotype patterns of gonococcal infection in contact pairs. *Eur J Epidemiol* **9**:195-8.