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Search Key Word: Serotype or serovar types and Neisseria gonorrhoeae (in Abstract)
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1. **Al-Hattawi, K., and C. Ison.** 1996. Characteristics of gonococci isolated from men with urethritis in Dubai. Epidemiol Infect **116:**15-20.
2. **Alfa, M., and J. Robertson.** 1984. The co-existence of genital Mycoplasma and Neisseria gonorrhoeae isolated from the male urethra. Sex Transm Dis **11:**131-6.
3. **Apicella, M.** 1979. Lipopolysaccharide-derived serotype polysaccharides from Neisseria meningitidis group B. J Infect Dis **140:**62-72.
4. **Apicella, M., K. Bennett, C. Hermerath, and D. Roberts.** 1981. Monoclonal antibody analysis of lipopolysaccharide from Neisseria gonorrhoeae and Neisseria meningitidis. Infect Immun **34:**751-6.
5. **Apicella, M., M. Shero, G. Jarvis, J. Griffiss, R. Mandrell, and H. Schneider.** 1987. Phenotypic variation in epitope expression of the Neisseria gonorrhoeae lipooligosaccharide. Infect Immun **55:**1755-61.
6. **Armengol, P., J. Capdevila, and J. Mascaró.** 1990. [Antimicrobial sensitivity, auxotype, serotype and plasmid analysis of 75 strains of Neisseria gonorrhoeae isolated in Barcelona]. Med Clin (Barc) **94:**156.
7. **Baró, T., J. García Conesa, J. Vázquez, R. Miralles, and C. Alia.** 1989. [Study of the antimicrobial sensitivity, auxotype, serotype and plasmid analysis of 75 strains of Neisseria gonorrhoeae isolated in Barcelona]. Med Clin (Barc) **92:**765-8.
8. **Berglund, T., B. Colucci, B. Lund, I. Qvarnström, and E. Sandström.** 2004. [Increasing incidence of ciprofloxacin resistant gonorrhea in Sweden. Choose a correct antibiotic and follow up the treatment!]. Lakartidningen **101:**2332-5.
9. **Bindayna, K., C. Easmon, and C. Ison.** 1991. Chromosomal resistance to antibiotics in gonococci from Bahrain. Sex Transm Dis **18:**153-8.
10. **Bindayna, K., and C. Ison.** 1989. Sampling methods for monitoring changes in gonococcal populations. Epidemiol Infect **103:**203-9.
11. **Boche, R., and J. Lacroute.** 1975. [Sensibility study to antibiotics of Neisseria gonorrhoeae by serotype]. Bull Soc Pathol Exot Filiales **68:**439-43.
12. **Brodeur, B., F. Ashton, and B. Diena.** 1982. Enzyme-linked immunosorbent assay with polyvalent gonococcal antigen. J Med Microbiol **15:**1-9.
13. **Buchanan, T., D. Eschenbach, J. Knapp, and K. Holmes.** 1980. Gonococcal salpingitis is less likely to recur with Neisseria gonorrhoeae of the same principal outer membrane protein antigenic type. Am J Obstet Gynecol **138:**978-80.
14. **Buchanan, T., and J. Hildebrandt.** 1981. Antigen-specific serotyping of Neisseria gonorrhoeae: characterization based upon principal outer membrane protein. Infect Immun **32:**985-94.
15. **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.
16. **Cannon, J., T. Buchanan, and P. Sparling.** 1983. Confirmation of association of protein I serotype of Neisseria gonorrhoeae with ability to cause disseminated infection.

Infect Immun **40:**816-9.
17. **Castro, I., M. Bergeron, and S. Chamberland.** 1993. Characterization of multiresistant strains of Neisseria gonorrhoeae isolated in Nicaragua. Sex Transm Dis **20:**314-20.
18. **Chu, M., L. Ho, H. Lin, and Y. Wu.** 1992. Epidemiology of penicillin-resistant Neisseria gonorrhoeae isolated in Taiwan, 1960-1990. Clin Infect Dis **14:**450-7.
19. **Chungue, E., J. Cartel, M. Tourneux, A. Mahé, P. Pérolat, F. Flye Sainte Marie, and J. Roux.** 1988. Chlamydia trachomatis genital infections in Tahiti. Eur J Clin Microbiol Infect Dis **7:**635-8.
20. **Craven, D., M. Peppler, C. Frasch, L. Mocca, P. McGrath, and G. Washington.** 1980. Adherence of isolates of Neisseria meningitidis from patients and carriers to human buccal epithelial cells. J Infect Dis **142:**556-68.
21. **Craven, D., K. Shen, and C. Frasch.** 1982. Natural bactericidal activity of human serum against Neisseria meningitidis isolates of different serogroups and serotypes. Infect Immun **37:**132-7.
22. **Ebel, F., C. Deibel, A. Kresse, C. Guzmán, and T. Chakraborty.** 1996. Temperature- and medium-dependent secretion of proteins by Shiga toxin-producing Escherichia coli. Infect Immun **64:**4472-9.
23. **Faruki, H., R. Kohmescher, W. McKinney, and P. Sparling.** 1985. A community-based outbreak of infection with penicillin-resistant Neisseria gonorrhoeae not producing penicillinase (chromosomally mediated resistance). N Engl J Med **313:**607-11.
24. **Finch, R., G. French, and I. Phillips.** 1976. Group B streptococci in the female genital tract. Br Med J **1:**1245-7.
25. **Garcia Moreno, J., J. Dillon, R. Arroyave, A. Maldonado, F. Fich, A. Salvo, D. Villalobos, P. Vincent, and M. Pauze.** 1987. Identification of penicillinase producing Neisseria gonorrhoeae in Chile during clinical and microbiological study of gonococcal susceptibility to antimicrobial agents. Genitourin Med **63:**6-12.
26. **Hagman, M., L. Forslin, H. Moi, and D. Danielsson.** 1991. Neisseria meningitidis in specimens from urogenital sites. Is increased awareness necessary? Sex Transm Dis **18:**228-32.
27. **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.
28. **Ison, C., and C. Easmon.** 1989. Changes in penicillinase-producing Neisseria gonorrhoeae isolated in London. J Med Microbiol **30:**239-44.
29. **Ison, C., and C. Easmon.** 1991. Epidemiology of penicillin resistant Neisseria gonorrhoeae. Genitourin Med **67:**307-11.
30. **Ison, C., S. Hadfield, and A. Glynn.** 1981. Enzyme-linked immunosorbent assay (ELISA) to detect antibodies in gonorrhea using whole cells. J Clin Pathol **34:**1040-3.
31. **Ison, C., J. Pepin, N. Roope, E. Demba, O. Secka, and C. Easmon.** 1992. The dominance of a multiresistant strain of Neisseria gonorrhoeae among prostitutes and STD patients in The Gambia. Genitourin Med **68:**356-60.
32. **Ison, C., L. Whitaker, and A. Renton.** 1992. Concordance of auxotype/serovar classes of Neisseria gonorrhoeae between sexual contacts. Epidemiol Infect **109:**265-71.
33. **Johnston, K.** 1980. Antigenic diversity of the serotype antigen complex of Neisseria gonorrhoeae: analysis by an indirect enzyme-linked immunoassay. Infect Immun **28:**101-10.

34. **Johnston, K., K. Holmes, and E. Gotschlich.** 1976. The serological classification of Neisseria gonorrhoeae. I. Isolation of the outer membrane complex responsible for serotypic specificity. J Exp Med **143:**741-58.
35. **Joiner, K., K. Warren, M. Tam, and M. Frank.** 1985. Monoclonal antibodies directed against gonococcal protein I vary in bactericidal activity. J Immunol **134:**3411-9.
36. **Kohl, P., D. Olsen, and T. Buchanan.** 1989. Monoclonal antibodies to protein I for serotyping of Neisseria gonorrhoeae: correlation of serotype with bactericidal activity. Zentralbl Bakteriol Mikrobiol Hyg [A] **270:**517-26.
37. **Kühlewein, C., C. Rechner, T. Meyer, and T. Rudel.** 2006. Low-phosphate-dependent invasion resembles a general way for Neisseria gonorrhoeae to enter host cells. Infect Immun **74:**4266-73.
38. **Lee, B., and L. Bryan.** 1989. Identification and comparative analysis of the lactoferrin and transferrin receptors among clinical isolates of gonococci. J Med Microbiol **28:**199-204.
39. **Lewis, D., L. Pollock, J. Randell, P. Wilson, and P. Kopelman.** 1995. Acute gonococcal arthritis: an unusual host and pathogen combination. J Clin Pathol **48:**86-8.
40. **Mabey, D., G. Ogbaselassie, J. Robertson, J. Heckels, and M. Ward.** 1985. Tubal infertility in the Gambia: chlamydial and gonococcal serology in women with tubal occlusion compared with pregnant controls. Bull World Health Organ **63:**1107-13.
41. **Mackie, E., B. Longenecker, H. Rabin, V. Di Ninno, and L. Bryan.** 1982. Immune response of the mouse to gram-negative bacterial outer membrane extracts as assessed with monoclonal antibodies. J Immunol **129:**829-32.
42. **Maeland, J., and S. Røe.** 1981. Serotype protein agglutinogens of Neisseria gonorrhoeae. Acta Pathol Microbiol Scand [B] **89:**335-9.
43. **Maeland, J., and S. Smeland.** 1986. Exemplification of serological cross-reactivity of Neisseria lipopolysaccharides. Acta Pathol Microbiol Immunol Scand [B] **94:**223-9.
44. **Mak, D., D. Smith, G. Harnett, and A. Plant.** 2001. A large outbreak of conjunctivitis caused by a single genotype of Neisseria gonorrhoeae distinct from those causing genital tract infections. Epidemiol Infect **126:**373-8.
45. **Mazloum, H., P. Totten, G. Brooks, C. Dawson, S. Falkow, J. James, J. Knapp, J. Koomey, C. Lammel, and D. Peters.** 1986. An unusual Neisseria isolated from conjunctival cultures in rural Egypt. J Infect Dis **154:**212-24.
46. **McMillan, A., H. Young, and A. Moyes.** 2000. Rectal gonorrhoea in homosexual men: source of infection. Int J STD AIDS **11:**284-7.
47. **Mintz, C., M. Apicella, and S. Morse.** 1984. Electrophoretic and serological characterization of the lipopolysaccharide produced by Neisseria gonorrhoeae. J Infect Dis **149:**544-52.
48. **Morse, S., and M. Apicella.** 1982. Isolation of a lipopolysaccharide mutant of Neisseria gonorrhoeae: an analysis of the antigenic and biologic difference. J Infect Dis **145:**206-16.
49. **Morse, S., C. Mintz, S. Sarafian, L. Bartenstein, M. Bertram, and M. Apicella.** 1983. Effect of dilution rate on lipopolysaccharide and serum resistance of Neisseria gonorrhoeae grown in continuous culture. Infect Immun **41:**74-82.
50. **Mulks, M., S. Kornfeld, B. Frangione, and A. Plaut.** 1982. Relationship between the specificity of IgA proteases and serotypes in Haemophilus influenzae. J Infect Dis **146:**266-74.

51. **Nebreda, T., F. Merino, A. Campos, and M. Vázquez.** 1996. [Variation of the incidence and antibiotic sensitivity of Neisseria gonorrhoeae in a 7-year period]. Enferm Infecc Microbiol Clin **14:**441-3.
52. **Ng, L., A. Lau, I. Martin, and R. Tsang.** 2006. Characterization of proline, citrulline, and uracil auxotrophic plasmid-carrying Neisseria gonorrhoeae strains in Canada, 1993-2003. Sex Transm Dis **33:**688-90.
53. **Ng, L., I. Martin, G. Liu, and L. Bryden.** 2002. Mutation in 23S rRNA associated with macrolide resistance in Neisseria gonorrhoeae. Antimicrob Agents Chemother **46:**3020-5.
54. **Ng, L., P. Sawatzky, I. Martin, and S. Booth.** 2002. Characterization of ciprofloxacin resistance in Neisseria gonorrhoeae isolates in Canada. Sex Transm Dis **29:**780-8.
55. **Ngampasutadol, J., S. Ram, A. Blom, H. Jarva, A. Jerse, E. Lien, J. Goguen, S. Gulati, and P. Rice.** 2005. Human C4b-binding protein selectively interacts with Neisseria gonorrhoeae and results in species-specific infection. Proc Natl Acad Sci U S A **102:**17142-7.
56. **Nishimura, M., Y. Kumamoto, T. Hirose, S. Sakai, T. Tsukamoto, and K. Deguchi.** 1990. [Study on auxotype and serotype of Neisseria gonorrhoeae]. Kansenshogaku Zasshi **64:**1385-93.
57. **Odum, L., T. Buchanan, and J. Knapp.** 1987. Protein I serotype of serum-resistant versus serum-sensitive Neisseria gonorrhoeae strains. Acta Pathol Microbiol Immunol Scand [B] **95:**1-4.
58. **Oishi, T., K. Ishikawa, T. Tamura, M. Tsukahara, M. Goto, D. Kawahata, M. Yamamoto, K. Okuzumi, and K. Fukutake.** 2008. [Precautions regarding prevent acute urethritis caused by Neisseria meningitidis in Japan]. Rinsho Byori **56:**23-8.
59. **Palermo-Dilts, D., L. Silver, and V. Clark.** 1990. Distribution of gonococcal lipopolysaccharide biosynthesis genes among strains of Neisseria gonorrhoeae and other neisserial species. Microb Pathog **8:**227-33.
60. **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.
61. **Peeters, M., E. Frost, S. Ossari, and B. Ivanoff.** 1987. Antibiotic susceptibility in relation to serogroup and auxotype of Neisseria gonorrhoeae isolates from Gabon. Sex Transm Dis **14:**130-4.
62. **Poolman, J., and T. Buchanan.** 1984. Monoclonal antibody activity against native and denatured forms of gonococcal outer membrane proteins as detected within ultrathin, longitudinal slices of polyacrylamide gels. J Immunol Methods **75:**265-74.
63. **Poulsen, K., J. Brandt, J. Hjorth, H. Thøgersen, and M. Kilian.** 1989. Cloning and sequencing of the immunoglobulin A1 protease gene (iga) of Haemophilus influenzae serotype b. Infect Immun **57:**3097-105.
64. **Quentin, R., F. Pierre, M. Dubois, J. Soutoul, and A. Goudeau.** 1990. Frequent isolation of capnophilic bacteria in aspirate from Bartholin's gland abscesses and cysts. Eur J Clin Microbiol Infect Dis **9:**138-41.
65. **Ram, S., D. McQuillen, S. Gulati, C. Elkins, M. Pangburn, and P. Rice.** 1998. Binding of complement factor H to loop 5 of porin protein 1A: a molecular mechanism of serum resistance of nonsialylated Neisseria gonorrhoeae. J Exp Med **188:**671-80.
66. **Rechner, C., C. Kühlewein, A. Müller, H. Schild, and T. Rudel.** 2007. Host glycoprotein Gp96 and scavenger receptor SREC interact with PorB of disseminating

Neisseria gonorrhoeae in an epithelial invasion pathway. Cell Host Microbe **2:**393-403.
67. **Ross, J., M. Weir, C. Horn, A. Moyes, and H. Young.** 1995. Gonococcal serovar patterns in Glasgow: 1990-1992. Br J Biomed Sci **52:**87-92.
68. **Rowbottom, J., J. Tapsall, D. Plummer, N. Bodsworth, M. MacDonald, I. Chambers, and J. Kaldor.** 1994. An outbreak of a penicillin-sensitive strain of gonorrhoea in Sydney men. Genitourin Med **70:**196-9.
69. **Sandström, E., and D. Danielsson.** 1980. Serology of Neisseria gonorrhoeae. Classification by co-agglutination. Acta Pathol Microbiol Scand [B] **88:**27-38.
70. **Sang, Y., M. Teresa Ortega, K. Rune, W. Xiau, G. Zhang, J. Soulages, G. Lushington, J. Fang, T. Williams, F. Blecha, and T. Melgarejo.** 2007. Canine cathelicidin (K9CATH): gene cloning, expression, and biochemical activity of a novel pro-myeloid antimicrobial peptide. Dev Comp Immunol **31:**1278-96.
71. **Schmitt, S., G. Layh, and T. Buchanan.** 1986. Surface-exposed antigenic cleavage fragments of Neisseria gonorrhoeae proteins 1A and IB. Infect Immun **54:**841-5.
72. **Sippel, J., and A. Quan.** 1977. Homogeneity of protein serotype antigens in Neisseria meningitidis group A. Infect Immun **16:**623-7.
73. **Strutzberg, K., L. von Olleschik, B. Franz, C. Pyne, M. Schmidt, and G. Gerlach.** 1995. Mapping of functional regions on the transferrin-binding protein (TfbA) of Actinobacillus pleuropneumoniae. Infect Immun **63:**3846-50.
74. **Sugasawara, R., C. Prato, and J. Sippel.** 1983. Monoclonal antibodies against Neisseria meningitidis lipopolysaccharide. Infect Immun **42:**863-8.
75. **Teerlink, T., H. Versantvoort, and E. Beuvery.** 1987. Antigenic and immunogenic properties of cyanogen bromide peptides from a serotype 5 gonococcal outer membrane protein I. Antonie Van Leeuwenhoek **53:**493-9.
76. **Teerlink, T., H. Versantvoort, and E. Beuvery.** 1987. Antigenic and immunogenic properties of cyanogen bromide peptides from gonococcal outer membrane protein IB. Evidence for the existence of a surface-exposed conserved epitope. J Exp Med **166:**63-76.
77. **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.
78. **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.
79. **van Duynhoven, Y., M. van de Laar, M. Dessens-Kroon, M. Verheuvel, and B. van Klingeren.** 1995. [Epidemic of penicillinase-producing, tetracycline-resistant gonococci; risk factors for their spread]. Ned Tijdschr Geneeskd **139:**283-8.
80. **van Duynhoven, Y., B. van Klingeren, M. van Santen-Verheuvel, W. van der Meijden, and M. van de Laar.** 1997. Molecular epidemiology of infections with Neisseria gonorrhoeae among visitors to a sexually transmitted diseases clinic. Sex Transm Dis **24:**409-17.
81. **Ward, M., P. Lambden, and J. Heckels.** 1992. Sequence analysis and relationships between meningococcal class 3 serotype proteins and other porins from pathogenic and non-pathogenic Neisseria species. FEMS Microbiol Lett **73:**283-9.
82. **Wong, K., R. Arko, W. Schalla, and F. Steurer.** 1979. Immunological and serological

diversity of Neisseria gonorrhoeae: identification of new immunotypes and highly protective strains. Infect Immun **23:**717-22.

83. **Woodford, N., K. Bindayna, C. Easmon, and C. Ison.** 1989. Associations between serotype and susceptibility to antibiotics of Neisseria gonorrhoeae. Genitourin Med **65:**86-91.
84. **Young, H., A. Moyes, D. Robertson, A. McCartney, G. Lindsay, G. Gallacher, I. Tait, O. Brogan, C. Fox, and G. Kohiyar.** 1990. Gonococcal infection within Scotland: antigenic heterogeneity and antibiotic susceptibility of infecting strains. Eur J Epidemiol **6:**1-8.
85. **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.
86. **Zhu, P., R. Tsang, and C. Tsai.** 2003. Nonencapsulated Neisseria meningitidis strain produces amylopectin from sucrose: altering the concept for differentiation between N. meningitidis and N. polysaccharea. J Clin Microbiol **41:**273-8.