fingerprinting of bacteria using repetitive sequence-based polymerase chain reaction. *Meth Mol Cell Biol* 1994;5:25-40.
18. Woods CR, Versalovic J, Koeuth T, Lupski JR. Analysis of relationships among isolates of *Citrobacter diversus* by using DNA fingerprints generated by repetitive sequence-based primers in the polymerase chain reaction. *J Clin Microbiol* 1992;30:2921-2929.
19. Versalovic J, Kapur V, Koeuth T, et al. DNA fingerprinting of pathogenic bacteria by fluorophore-enhanced repetitive sequence-based polymerase chain reaction. *Arch Pathol Lab Med* 1995;119:23-29.
20. Richard C, Brisou B, Lioult J. Etude taxonomique de *Levinea*, nouveau genre de la famile des enterobacteries. *Ann Inst Pasteur* 1972;122:1137-1146.
21. Kline MW, Mason EO, Kaplan SL. Epidemiologic marker system for *Citrobacter diversus* using outer membrane protein profiles. *J Clin Microbiol* 1989;27:1793-1796.
22. Li J, Musser JM, Beltran P, Kline MW, Selander RK. Genotypic heterogeneity of strains of *Citrobacter diversus* expressing a 32-kilodalton outer membrane protein associated with neonatal meningitis. *J Clin Microbiol* 1990;28:1760-1765.
23. Shamir R, Horev G, Merlob P, Nutman J. *Citrobacter diversus* lung abscess in a preterm infant. *Pediatr Infect Dis J* 1990;9:221-222.
24. Farr RW, Khakoo RA, Maxwell LP, Hill RC. *Citrobacter* pericarditis secondary to a subphrenic abscess. *Clin Infect Dis* 1994;18:838-839.
25. Booth LV, Palmer JD, Pateman J, Tuck AC. *Citrobacter diversus* ventriculitis and brain abscesses in an adult. *J Infect* 1993;26:207-209.
26. Woods CR, Versalovic J, Koeuth T, Lupski JR. Whole-cell repetitive element sequence-based polymerase chain reaction allows rapid assessment of clonal relationships of bacterial isolates. *J Clin Microbiol* 1993;31:1927-1931.
27. Eppes SC, Woods CR, Mayer AS, Klein JD. Recurring ventriculitis due to *Citrobacter diversus*: clinical and bacteriologic analysis. *Clin Infect Dis* 1993;17:437-440.
28. Versalovic J, Koeuth T, Zhang YH, McCabe ERB, Lupski JR. Quality control for bacterial inhibition assays: DNA fingerprinting of microorganisms by rep-PCR. *Screening* 1992;1:175-183.
29. Versalovic J, Kapur V, Mason EO Jr, et al. Penicillin-resistant *Streptococcus pneumoniae* strains recovered in Houston: identification and molecular characterization of multiple clones. *J Infect Dis* 1993;167:850-856.
30. Georghiou PR, Hamill RJ, Wright CE, et al. Molecular epidemiology of infections due to *Enterobacter aerogenes*: identification of hospital outbreak-associated strains by molecular techniques. *Clin Infect Dis* 1995;20:84-94.
31. Georghiou PR, Doggett AM, Kielhofner MA, et al. Molecular fingerprinting of *Legionella* species by repetitive element PCR. *J Clin Microbiol* 1994;32:2989-2994.
32. de Bruijn FJ. Use of repetitive (repetitive extragenic palindromic and enterobacterial repetitive intergenic consensus) sequences and the polymerase chain reaction to fingerprint the genomes of *Rhizobium meliloti* isolates and other soil bacteria. *Appl Environ Microbiol* 1992;58:2180-2187.
33. Endtz HP, Giesendorf BAJ, van Belkum A, Lauwers SJM, Jansen WH, Quint WGV. PCR-mediated DNA typing of *Campylobacter jejuni* isolated from patients with recurrent infections. *Res Microbiol* 1993;144:703-708.
34. Giesendorf BAJ, van Belkum A, Koeken A, et al. Development of species-specific DNA probes for *Campylobacter jejuni*, *Campylobacter coli*, and *Campylobacter lari* by polymerase chain reaction fingerprinting. *J Clin Microbiol* 1993;31:1541-1546.
35. Judd AK, Schneider M, Sadowsky MJ, de Bruijn FJ. Use of repetitive sequences and the polymerase chain reaction technique to classify genetically related *Bradyrhizobium japonicum* serocluster 123 strains. *Appl Environ Microbiol* 1993;59:1702-1708.
36. Leung K, Strain SR, de Bruijn FJ, Bottomley PJ. Genotypic and phenotypic comparisons of chromosomal types within an indigenous soil population of *Rhizobium leguminosarum* bv. *trifolii*. *Appl Environ Microbiol* 1994;60:416-426.
37. Louws FJ, Fulbright DW, Stephens CT, de Bruijn FJ. Pathovar-specific genomic fingerprints of phytopathogenic *Xanthomonas* and *Pseudomonas* strains generated with repetitive sequences and the polymerase chain reaction (rep-PCR). *Appl Environ Microbiol* 1994;60:2286-2295.
38. Lupski JR, Weinstock GM. Short, interspersed repetitive DNA sequences in prokaryotic genomes. *J Bacteriol* 1992;174:4525-4529.
39. Struelens MJ, Bax R, Deplano A, Quint WGV, van Belkum A. Concordant clonal delineation of methicillin-resistant *Staphylococcus aureus* by macrorestriction analysis and polymerase chain reaction genome fingerprinting. *J Clin Microbiol* 1993;31:1964-1970.
40. van Belkum A, Struelens M, Quint W. Typing of *Legionella pneumophila* strains by polymerase chain reaction-mediated DNA fingerprinting. *J Clin Microbiol* 1993;31:2198-2200

Guidelines for Prevention of Intravascular Device-Related Infection

by Gina Pugliese, RN, MS
Medical News Editor

A draft revision of the "Guidelines for Prevention of Intravascular Device-Related Infection" was published in the September 27, 1995, *Federal Register*. Comments regarding the draft guideline may be submitted in writing by October 30, 1995, to CDC, Attention: IV Guideline, Mailstop E-69, 1600 Clifton Rd NE, Atlanta, GA 30333. The IV Guideline Information Center at CDC can be reached at (404) 332-2569.

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