

- sepsis during parenteral nutrition. *JPEN J Parenter Enteral Nutr* 1985;9:322-325.
12. Maas A, Flament P, Pardou A, Deplano A, Dramaix M, Struelens MJ. Central venous catheter-related bacteraemia in critically ill neonates: risk factors and impact of a prevention programme. *J Hosp Infect* 1998;40:211-24.
 13. Kacica MA, Horgan MJ, Ochoa L, Sandler R, Lepow ML, Venezia RA. Prevention of gram-positive sepsis in neonates weighing less than 1500 grams. *J Pediatr* 1994;125:253-258.
 14. Mahieu LM, De Muynck AO, Ieven MM, De Dooy JJ, Goossens H, Van Acker K, et al. Risk factors for central vascular-related bloodstream infections among neonates in a high-risk nursery. *J Hosp Infect* 2001;48:20-26.
 15. Atela I, Coll P, Rello J, Quintana E, Barrio J, March F, et al. Serial surveillance cultures of skin and catheter hub specimens from critically ill patients with central venous catheters: molecular epidemiology and implications for management and research. *J Clin Microbiol* 1997;35:1784-1790.
 16. Raad II. The pathogenesis of central venous catheter-related infections. *Middle East J Anesthesiol* 1994;12:381-403.
 17. Goldmann DA. The bacterial flora of neonates in intensive care-monitoring and manipulation. *J Hosp Infect* 1988;11(suppl A):340-351.
 18. Bertone SA, Fisher MC, Mortensen JE. Quantitative skin cultures at potential catheter sites in neonates. *Infect Control Hosp Epidemiol* 1994;15:315-318.
 19. Chathas MK, Paton JB, Fisher DE. Percutaneous central venous catheterization. Three years' experience in a neonatal intensive care unit. *Am J Dis Child* 1990;144:1246-1250.
 20. Valvano MA, Hartstein AI, Morthland VH, Dragoon ME, Potter SA, Reynolds JW, et al. Plasmid DNA analysis of *Staphylococcus epidermidis* isolated from blood and colonization cultures in very low birth weight neonates. *Pediatr Infect Dis J* 1988;7:116-120.
 21. Gladstone IM, Clapper L, Thorp JW, Wright DI. Randomized study of six umbilical cord care regimens. Comparing length of attachment, microbial control, and satisfaction. *Clin Pediatr (Phila)* 1988;27:127-129.
 22. Douard MC, Clementi E, Arlet G, Marie O, Schremmer B, Rouveau M, et al. Negative catheter-tip culture and diagnosis of catheter-related bacteremia. *Nutrition* 1994;10:397-404.

New Guidelines for Design and Construction of Hospitals

Judene Bartley, MS, MPH, CIC

The latest revision of healthcare design and construction guidelines became available in mid-April. The Guideline is referenced by more than 40 states, JCAHO for licensure or accreditation purposes, and the federal government for regulating HUD loan-guarantee programs and Department of Health and Human Services medical facilities. The 2001 edition of the *Guidelines for Design and Construction of Hospital and Health Care Facilities* was published by the American Institute of Architects and the

Facilities Guideline Institute, with assistance from the US Dept of Health and Human Services. The updated *Guidelines* are the result of a consensus process, involving the review of over 1,500 proposed changes by architectural, engineering, clinical, and administrative experts from the public and private healthcare sectors.

Infection control aspects of construction were given particular consideration during the review of changes that affect minimum engineering design and construction needs for all clinical and support areas of hospitals, nursing homes, freestanding psychiatric facilities, out-

patient and rehabilitation facilities, and adult day-care and assisted living facilities. For example, the *Guidelines* now require a documented "infection control risk assessment" process before the start of construction or major renovation projects.

One new service offered by the book is a process for submitting requests for formal interpretations of the *Guidelines*. Requests for interpretations can be sent to the Facilities Guidelines Institute, 1919 McKinney Ave, Dallas, TX 75201, or may be e-mailed to fgiinc@bigplanet.com. The 2001 *Guidelines* are available from AIA Bookstore at 202-626-7541 or 800-242-3837 for \$75 plus shipping and handling.