

Bibliografia articoli

Procedure endoscopiche apparato uro-genitale

High-level disinfection of cystoscopic equipment with ortho-phthalaldehyde solution

Nose K, Sueyoshi T, Nagano M, Hasui Y, Osada Y, Hamasuna R.

Journal of Hospital Infection 2004 Aug;57(4):346-8.

To the Editor: High-level disinfection is the minimum acceptable standard recommended for processing urological endoscopic equipment. Alkaline glutaraldehyde (GTA) is recommended for the disinfection of cystoscopes but has a toxic effect on the skin, eyes and the respiratory tract, and GTA vapour may induce symptoms similar to sick building syndrome. Cystoscopy rooms should therefore have adequate ventilation, but rarely do so in Japan. Furthermore, some Japanese urologists have used formaldehyde to disinfect cystoscopes, despite restrictions of its use because of toxicity according to the APIC guideline.

A newer disinfectant solution, containing ortho-phthalaldehyde (OPA) has been introduced and has several advantages over GTA. Its antimicrobial activity is unaffected by the presence of serum. OPA is recommended as a disinfectant for flexible gastrointestinal endoscopes by the Society of Gastroenterology Nurses and Associates[5.] and APIC guidelines. Alfa and Sitter used OPA for disinfection of endoscopes and bronchoscopes, and demonstrated that no bacteria were detected after use. (..)

Publication Types:

- Clinical Trial
- Comment
- Letter

Practical cystoscopy: care of the instruments and preparation for a cystoscopic examination

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Urologic Nursing 2004 Apr;24(2):120-4

Periodically, a look at the past helps health care professionals see how much practice has changed as well as how some concepts and practices remain similar to the original rationales and techniques. Two chapters from a 1911 textbook on cystoscopy have been reprinted that describe catheter and instrument care and preprocedure requirements for cystoscopy performed in the hospital, office, or home. Sterilization methods and instruments for cystoscopy have improved in the century since this book was written but the rationale for the procedure and concepts guiding the instrumentation have some similarity with the practices performed nearly 100 years ago. Some comments also provide a bit of comic relief. One example, "this undoubtedly shortens the life of the catheter, but it lengthens the life of the patient" appears in the discussion about catheter cleaning after use in a pus case.