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Randomized Comparison of 3 High-level Disinfection and Sterilization Procedures for Duodenoscopes

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The DISINFECTS trial is a prospective randomized trial investigating three methods of reprocessing duodenoscopes: standard high-level disinfection with ortho-phthalaldehyde disinfectant, standard high-level disinfection with a repeated (double) cycle of disinfectant exposure, and standard high-level disinfection followed by ethylene oxide gas sterilization. No significant difference was noted between these reprocessing methods with regard to proportion of duodenoscopes with MDRO contamination, or demonstrating ≥ 10 CFU or > 0 CFU growth of any aerobic bacteria.

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