A clinical study comparing the skin antisepsis and safety of ChloraPrep, 70% isopropyl alcohol, and 2% aqueous chlorhexidine.

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ChloraPrep (2% chlorhexidine gluconate + 70% isopropyl alcohol [CHG + IPA] in a 3.0-mL applicator) is a recently approved antiseptic for preoperative skin preparation. This controlled open-label trial assessed the immediate and persistent antimicrobial efficacy and safety of CHG + IPA compared with 70% IPA or a 2% CHG aqueous solution alone. Each antiseptic significantly reduced abdominal and inguinal microbial counts from baseline at 10 minutes, 6 hours, and 24 hours (P = .0001). CHG + IPA provided significantly more persistent antimicrobial activity on abdominal sites than IPA (P = .003) or CHG (P = .028) at 24 hours. No skin irritations were reported for any of the three antiseptics.

Publication Types:

- Clinical Trial
- Randomized Controlled Trial

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