

The compatibility of a 2% chlorhexidine gluconate/70% isopropyl alcohol (CHG/IPA) skin preparation with a gum mastic liquid adhesive (GMLA) and liquid adhesive remover (LAR) was assessed in healthy volunteers” Ryder and Duley (2017).

Abstract:

The compatibility of a 2% chlorhexidine gluconate/70% isopropyl alcohol (CHG/IPA) skin preparation with a gum mastic liquid adhesive (GMLA) and liquid adhesive remover (LAR) was assessed in healthy volunteers. Twenty subjects completed test material combination with microbial sampling at 3- and 7-day time points. Mean log₁₀ reductions from baseline for normal flora were assessed. There was no significant difference in reduction of normal flora on skin prepped with CHG/IPA versus skin prepped with CHG/IPA followed by GMLA or LAR. The conclusion of the study was that the use of GMLA or LAR with CHG/IPA does not affect the antiseptic effectiveness of CHG/IPA.

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Reference:

Ryder, M. and Duley, C. (2017) Evaluation of Compatibility of a Gum Mastic Liquid Adhesive and Liquid Adhesive Remover With an Alcoholic Chlorhexidine Gluconate Skin Preparation. *Journal of Infusion Nursing*. 40(4), p.245-252.

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