

DRYING TIMES OF ORION SKIN PREPARATION PRODUCTS

A study was done to determine the drying times for Orion Antiseptic/Disinfectant Skin Preparation products¹.

Products investigated

- Chlorhexidine 0.5% in 70% Alcohol
- Chlorhexidine 2% in 70% Alcohol
- Chlorhexidine 0.05% & Cetrimide 0.5% in 70% Alcohol
- Alcoholic Iodine Solution
- Iodine 0.5% in 70% Alcohol
- Iodine 1.0% in 70% Alcohol

It was found that the mean drying time for these products is less than 4 minutes (SD 0.3 – 0.9).

Products with higher alcohol content dried faster.

For most products, there was nothing to suggest that the dissolved solutes or coloured dyes in suspension had a significant effect on relative drying times of the solutions applied either to the skin or inert surface.

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References:

- 1 Cheng Sandra J.Y., Use of Electrical Skin Resistance for determining the drying times of topical antiseptic/disinfectant solution, Research Paper, 2007.

Revision Information

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