

Abstracts #6

AUTHOR

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TITLE

Comparison of the immediate, residual, and cumulative antibacterial effects of Novaderm R, Novascrub R, Betadine Surgical Scrub, Hibiclens and liquid soap

SOURCE

American Journal of Infection Control

Test subjects were set up very similarly to the previous paper and glove juice sampling was performed. All subjects were exposed to all five products. These products were:

- Hibiclens 4%
- Betadine Surgical Scrub (7.5% w/PI)
- Novaderm R handwash (1% Triclosan, J&J)
- Novascrub R (1% Triclosan with 5% PI, J&J)
- Non-antimicrobial liquid soap (J&J)

RESULTS

Immediate effect

No significant differences Hibiclens, Betadine, Novascrub R
Significant differences Novaderm R and liquid soap compared to the other three
All products confirmed as causing an immediate reduction of bacteria after standardized surgical washing.

Residual activity

Betadine - bacterial regrowth demonstrated at 3 and 6 hours
Novaderm R - no significant residual activity
Novascrub R- prevented significant regrowth at 3 hours when compared to Betadine.
Results similar to Novaderm, however adding PI to Triclosan improved immediate effect when compared to Triclosan alone
Hibiclens - showed clear bactericidal properties, residual, in all subjects

Cumulative effect

Betadine - No cumulative effect
Novaderm R - small but statistically insignificant cumulative effect
Novascrub R - similar to Novaderm R
Hibiclens - Clear bactericidal properties in cumulative effect all subjects
"Products containing 1% triclosan have a small cumulative effect when used continuously for 5 days, although this effect is not as great as that produced by Hibiclens (CHG 4%)."

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Kill the HibiGeebies with
HIBICLENS
First & last wash of the day!

