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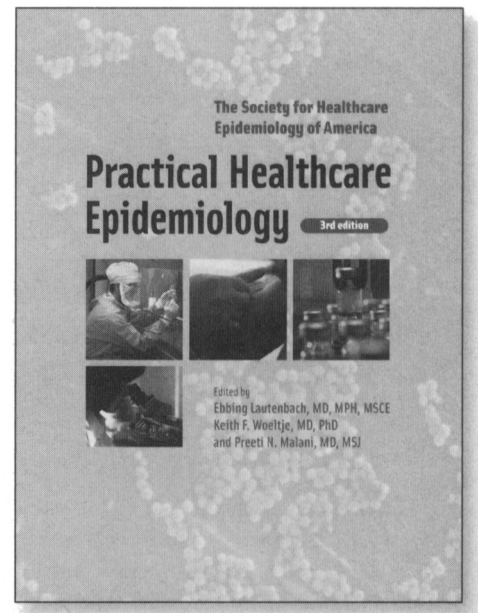
# Practical Healthcare Epidemiology

3rd edition

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Newly Published Study:

# 3M™ DuraPrep™ Solution Results in Significantly Lower Surgical-Site Infection Rates than ChloroPrep.

– *Infection Control and Hospital Epidemiology*  
October 2009



- The study<sup>1</sup> concluded:
  - “Skin prep is an important factor in the prevention of surgical site infection.”
  - DuraPrep solution had a significantly lower SSI rate than ChloroPrep. (4.8% vs 8.2%  $P=.001$ )
- The study Included more than 3200 general surgery patients at the University of Virginia Health System.
- “Previous studies examined only specific surgical sites or relied on less impactful surrogate endpoints such as microbial counts,” stated co-author Dr. Robert C. Sawyer.

To receive a reprint of this study, talk to your 3M representative, call the 3M Health Care Helpline at 1-800-228-3957 or visit us at [3M.com/infectionprevention](http://3M.com/infectionprevention).

## 3M™ DuraPrep™ Solution\* – The Power Of Povacrylex

<sup>1</sup> Swenson, B., Hedrick, T., Metzger, R., Bonatti, H., Pruett, T., Sawyer, R. “Effects of Preoperative Skin Preparation on Postoperative Wound Infection Rates: A Prospective Study of 3 Skin Preparation Protocols.” *Infection Control and Hospital Epidemiology*, October 2009. Vol. 30, No. 10.

\*3M™ DuraPrep™ Surgical Solution (Iodine Povacrylex [0.7% available iodine] and Isopropyl Alcohol, 74% w/w) Patient Preoperative Skin Preparation.

This work was supported by an unrestricted educational grant from 3M Health Care. The authors declared there were no conflicts of interest and no assistance with study design or analysis was provided by 3M.

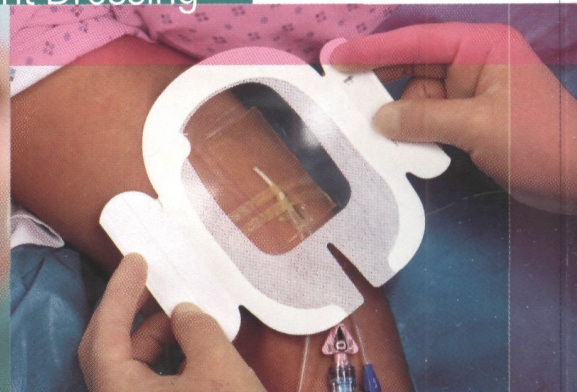
The makers of ChloroPrep® Patient Preoperative Skin Preparation 2% Chlorhexidine Gluconate (CHG) & 70% Isopropyl Alcohol (IPA) were also approached to provide an unrestricted educational grant, but declined.

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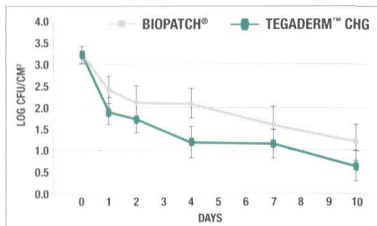


# Tegaderm<sup>TM</sup> CHG

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\*3M<sup>™</sup> Tegaderm<sup>™</sup> CHG Dressing has not been studied in a randomized, controlled trial as to its effectiveness in preventing CRBSIs.

<sup>1</sup> Maki, DG (2008) A Novel Integrated Chlorhexidine-impregnated Transparent Dressing for Prevention of Vascular Catheter-related Bloodstream Infection: A Prospective Comparative Study in Healthy Volunteers. The Society for Healthcare Epidemiology of America April 2008.

<sup>2</sup> Eyberg C., Pyrek, J (2008). A Controlled Randomized Prospective Comparative Pilot Study to Evaluate the Ease of Use of a Transparent Chlorhexidine Gluconate Gel Dressing Versus A Chlorhexidine Gluconate Disk in Healthy Volunteers JAVA p112-117 Vol 13 No 3 | 2008.

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