## APIC Guideline for Hand Washing and Hand Antisepsis in Health-Care Settings\*

Elaine L. Larson and 1992, 1993, and 1994 APIC Guidelines Committee Association for Professionals in Infection Control and Epidemiology, Inc.

The Association for Professionals in Infection Control and Epidemiology, Inc. (APIC) Board of Direction and Guidelines Committee and pleased to propent the "APIC" Guideline for Hand Washing and Hand Antisepsis in Hosith Care Settings."

Etaine Laston, RN, PhD, FAAN, CIC, was selected to stvise the previously published "APIC Guideline for Use of Topical Antimicobasi Agents" because of her recognised exports in infection contact and extensive sessands in hand weeting and hand distribution. Initial drafts second soview by the APIC Guidelines Committee, key individuals, and professional organizations before publication of the Death in the Occober 1994 issue of the Jaurial, soliciting further commons. All written commons were seviewed by the APIC Guidelines Committee and revisions were reads. The Guidelines Committee in February 1995 and approved by the APIC Board of Disnectors in March. 1995.

The APC Board of Directors and the APC Guidelines Committee expetits our sincete graditude to the author and to all who provided astistance in the guideline development and toview peccess.

The success of United States efforts in infection control has been due in large part to attention paid to the individual person as a primary source of the spread and thus the prevention of nosocomial infections. It is known, for example, that hand washing causes a significant reduction in the carriage of potential pathogens on the hands. It is also known that hand washing can result in reductions in patient morbidity and mortality from nosocomial infection. Although a definitive, double-blind, clinical trial of the effects of hand washing with an antiseptic product on nosocomial infection rates may be infeasible, it

appears that, at least in certain high-risk situations, such antimicrobial products are beneficial. Two major dilemmas facing ICPs in health care settings today, however, are when to use antiseptic agents and which agents to use.

In addition to the Association for Professionals in Infection Control and Epidemiology, Inc. (APIC) serveral agencies and organizations have published guidelines, regulations, and standards regarding the topical use of antimicrobials for skin hygiene. This particular guideline will supplement those published by the Association of Operating Room Nurses (ADRN), the Centers for Disease Control and Prevention (CDC), and the Food and Drug Administration (FDA) by describing specific characteristics of antimicrobial products available for topical use, summarizing the literature regarding their efficacy, and providing recommendations for their use by surgical personnel for hand scrubbing and by health care personnel for hand washing and hand antisepsis.

This guideline therefore provides information on skin flora of hands, characteristics of selected antimicrobial agents used on hands, hand washing and surgical scrub techniques, and related aspects of hand care and protection. In addition, recommendations are made regarding (1) health care personnel handwashing, (2) personnel hand preparation for operative procedures, and (3) other aspects of hand care and protection.

#### **CHANGES SINCE 1988**

This guideline focuses on hand washing, surgical personnel hand scrub, and related topics. Changes in this guideline from the 1988 publication. include a review of recent literature addressing handwashing and surgical hand scrub products and the addition of sections on use of gloves and lotions; wearing of artificial nails, nail polish, and hand jewelry, and the

From the School of Norwing, Georgetown University, Washington, D.C.

Reprinted with permission, Lamon E: APE, guideline for handwarking and hard authorpsis in bealth care settings, Am J. Juliet Control 28:254–288, 1995.

<sup>&</sup>quot;Previously published as "APIC Guideline for Use of Topical Astimicrobial Agents."

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# **Apic Infection Control Guidelines**

Patricia A. Potter, Anne G.
Perry, Patricia A. Stockert, Amy Hall

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## **Table of Contents Apic Infection Control Guidelines**

- 1. Understanding the eBook Apic Infection Control Guidelines
  - The Rise of Digital Reading Apic Infection Control Guidelines
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Apic Infection Control Guidelines
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Apic Infection Control Guidelines
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from Apic Infection Control Guidelines
  - Personalized Recommendations
  - Apic Infection Control Guidelines User Reviews and Ratings
  - Apic Infection Control Guidelines and Bestseller Lists
- 5. Accessing Apic Infection Control Guidelines Free and Paid eBooks
  - Apic Infection Control Guidelines Public Domain eBooks
  - Apic Infection Control Guidelines eBook Subscription Services
  - Apic Infection Control Guidelines Budget-Friendly Options
- 6. Navigating Apic Infection Control Guidelines eBook Formats

- o ePub, PDF, MOBI, and More
- Apic Infection Control Guidelines Compatibility with Devices
- Apic Infection Control Guidelines Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Apic Infection Control Guidelines
  - Highlighting and Note-Taking Apic Infection Control Guidelines
  - Interactive Elements Apic Infection Control Guidelines
- 8. Staying Engaged with Apic Infection Control Guidelines
  - Joining Online Reading Communities
  - o Participating in Virtual Book Clubs
  - Following Authors and Publishers Apic Infection Control Guidelines
- 9. Balancing eBooks and Physical Books Apic Infection Control Guidelines
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Apic Infection Control Guidelines
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Apic Infection Control Guidelines
  - Setting Reading Goals Apic Infection Control Guidelines
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Apic Infection Control Guidelines
  - Fact-Checking eBook Content of Apic Infection Control Guidelines
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

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