Patient Hand Hygiene

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PICNET Education Day
March 10, 2017
Patient Empowerment in Infection Prevention and Hand Hygiene

American Journal of Infection Control 40 (2012) S11-S17
Contents lists available at ScienceDirect

ELSEVIER

American Journal of Infection Control

journal homepage: www.ajicjournal.org

Review article

Patient-centered hand hygiene: The next step in infection prevention

Timothy Landers RN, PhD a,†, Said Abusalem RN, PhD b, Mary-Beth Coty RN, PhD b, James Bingham MS c

Measurement of Patient Hand Hygiene in Multiorgan Transplant Units Using a Novel Technology: An Observational Study

Jocelyn A. Srigley, MD, MSc1 Colin D. Furness, PhD, MPH² Michael Gardam, MD, MSc³
Improving Patient Hand Hygiene

• Acute medical unit with recent increase in AROs

• Engaged nursing staff on unit

• Nurses provided hand wipes to their patients before all meals for 4 weeks

• Assessed compliance and perception, time considerations, and perceived barriers pre, during and post-survey
Improving Patient Hand Hygiene: Results

• Pre-intervention survey:
  • 80% did not have the opportunity to help patients clean their hands before meals
  • 80% believed it would improve patient engagement
  • 74% felt that workload would be a challenge

• Compliance with distributing wipes was 93%
• Post-intervention survey:

• 93% liked the convenience of the patient wipes
• 77% it was easy to incorporate into their practice
• 20% stated workload was a barrier
Clean your hands before eating
進食前要清潔雙手
Clean your hands before eating
進食前應先洗手
काहू ते खिलिं अघे रंग मटू बरे
When should patients clean their hands?

1. Before eating food
2. Before touching your eyes, nose or mouth
3. After using the restroom
4. After blowing your nose, coughing or sneezing
5. After touching hospital surfaces such as bed rails, bedside tables, doorknobs, remote controls or the phone

Hand Wipes
Patient Hand Hygiene: The next step in Infection Prevention

- Nurse engagement led to a change in perception from workload constraints to improved patient care
- Consider patient hand wipe initiatives as a component of multimodal hand hygiene campaign