

Physicians and Hand Hygiene:

A Perception Survey

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QuickTime™ and a
BMP decompressor
are needed to see this picture.

About the Survey

- Aimed to assess how physicians feel about hand hygiene
- Asked that they rate themselves and other health care workers on hand hygiene compliance
- Composed of 15 multiple choice questions
- Distributed during ID Rounds at Grand River Hospital
- Total of 32 surveys completed



Survey Questions:

- 1) How do you usually clean your hands?
- 2) How do your colleagues usually clean their hands?
- 3) How many times a day do you perform hand hygiene, either with soap & water or ABHR?
- 4) Do you usually clean your hands:
 - a) Before touching a patient's environment?
 - b) Before touching a patient?
 - c) After touching a patient's environment?
 - d) After touching a patient?
- 5) *Can you quantify the percentage of times you perform hand hygiene, when indicated, in a day?*
- 6) *How often do you think this hospital's healthcare workers (HCWs) clean their hands when appropriate?*
- 7) *Do you agree that ABHR is as effective as soap & water for cleaning your hands?*
- 8) If 10 is best and 1 is worst, how would you rate your hand's skin integrity today?
- 9) Are you aware of any outbreaks occurring, at present or recently, in the hospital? If so, what are they?
- 10) Has a patient ever asked you to perform hand hygiene?
- 11) *Has a staff member ever asked you to perform hand hygiene, if so, who?*
- 12) *Do you perform hand hygiene before putting gloves on when entering an isolation room?*
- 13) *Do you perform hand hygiene after removing gloves?*
- 14) *Out of the following options please circle those which you believe to be most beneficial in the reduction of transmission of a nosocomial infection:*
 - a) Before touching a patient's environment
 - b) Before touching a patient
 - c) After touching a patient's environment
 - d) After touching a patient
 - e) Before an aseptic procedure
 - f) After handling a body fluid
- 15) *How do you currently view your hand hygiene practices?*

Clicker Check:

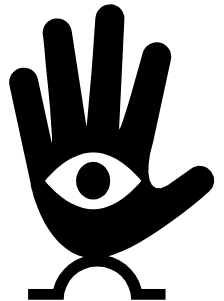


Was it hard to get up this morning?

- X** A. The thought of getting up made me feel sick
- X** B. It was hard, but I managed
- X** C. It got up, no problem!
- X** D. I jumped out of bed because I was so excited for the 3rd Annual Bugs & Drugs Conference!

Quantify the percentage of hand hygiene you perform, when indicated, in a day.

- X** A. 0-30%
- X** B. 40-60%
- X** C. 70-90%
- X** D. 100%
- X** E. Unknown

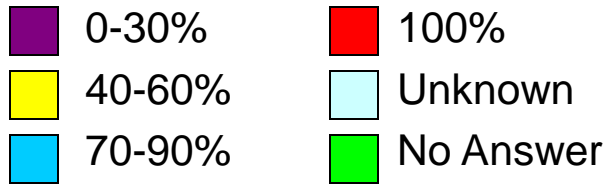


How often do you think your health care facility's HCWs clean their hands when appropriate?

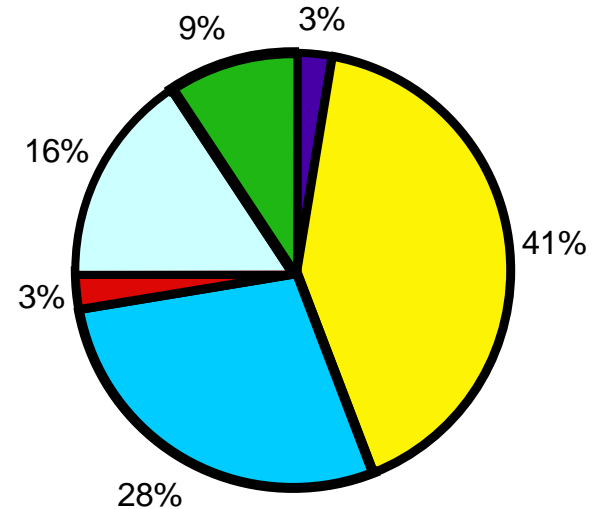
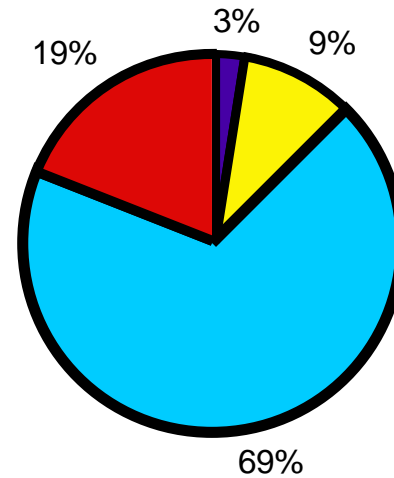
- A. 0-30%
- B. 40-60%
- C. 70-90%
- D. 100%
- E. Unknown



5) Can you quantify the percentage of times you perform hand hygiene, when indicated, in a day?



6) How often do you think this hospital's HCWs clean their hands when appropriate?



Is alcohol-based hand rub as effective
as soap and water for cleaning your
hands?



- A. Yes
- B. No
- C. Uncertain

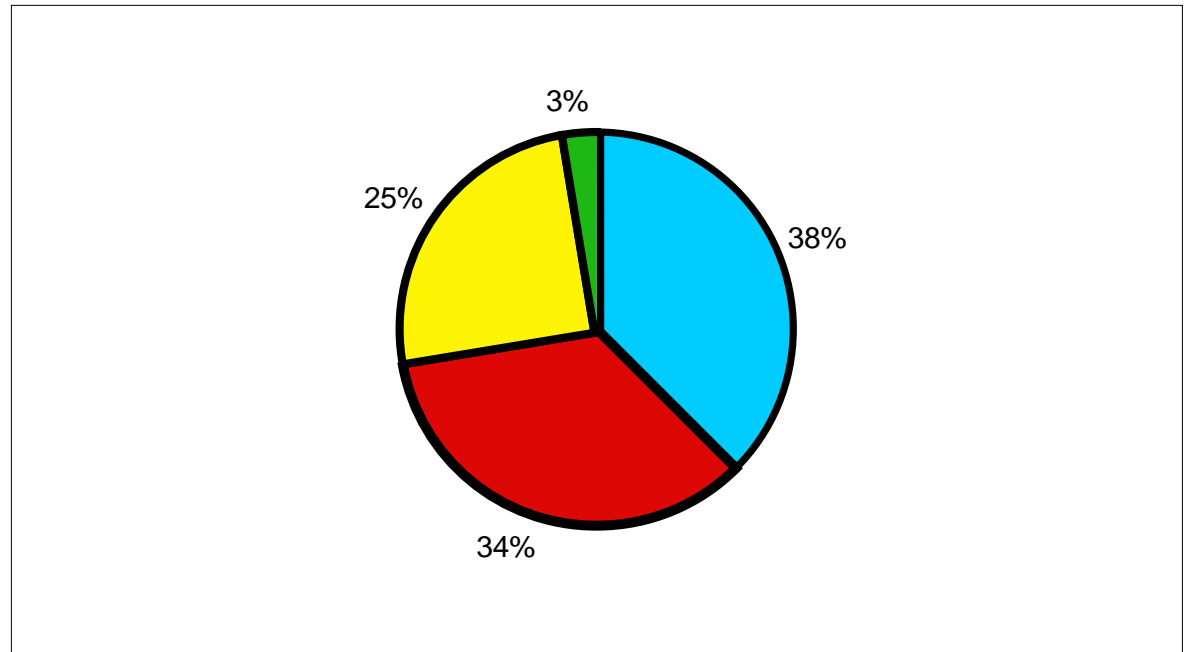
Has anyone ever asked you to perform hand hygiene?

- X** A. Yes, a patient
- X** B. Yes, a member of IPAC
- X** C. Yes, a coworker
- X** D. Yes
- X** E. No

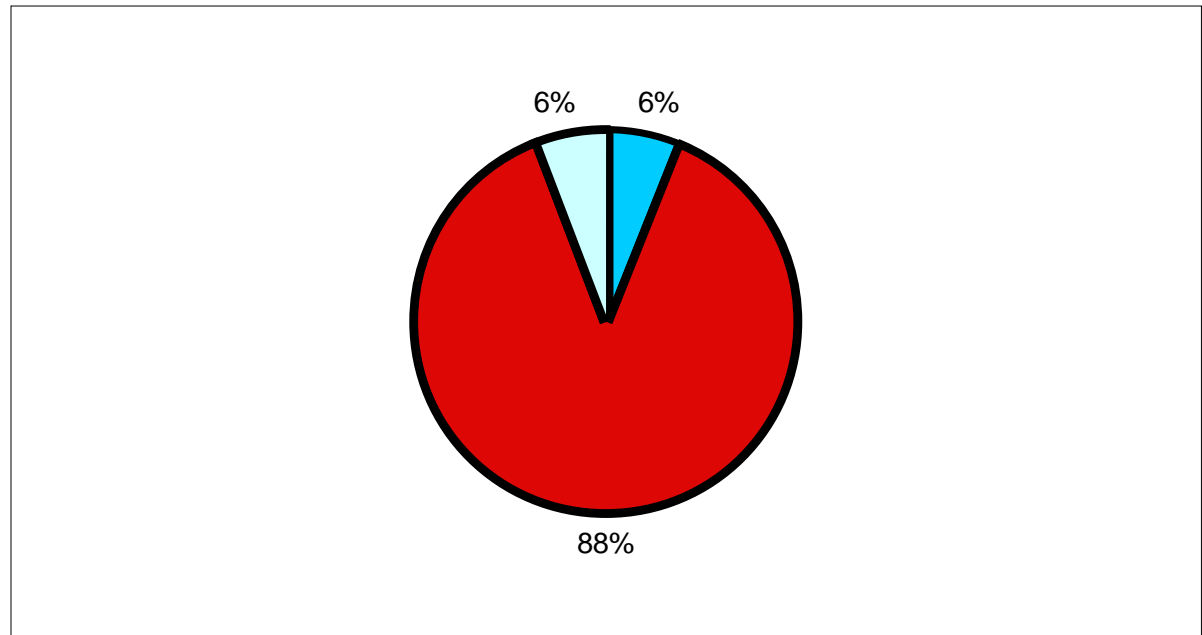


7) Do you agree that ABHR is as effective as soap and water for cleaning your hands?

- Yes
- Yes, a member of IPAC
- No
- Uncertain
- No Answer

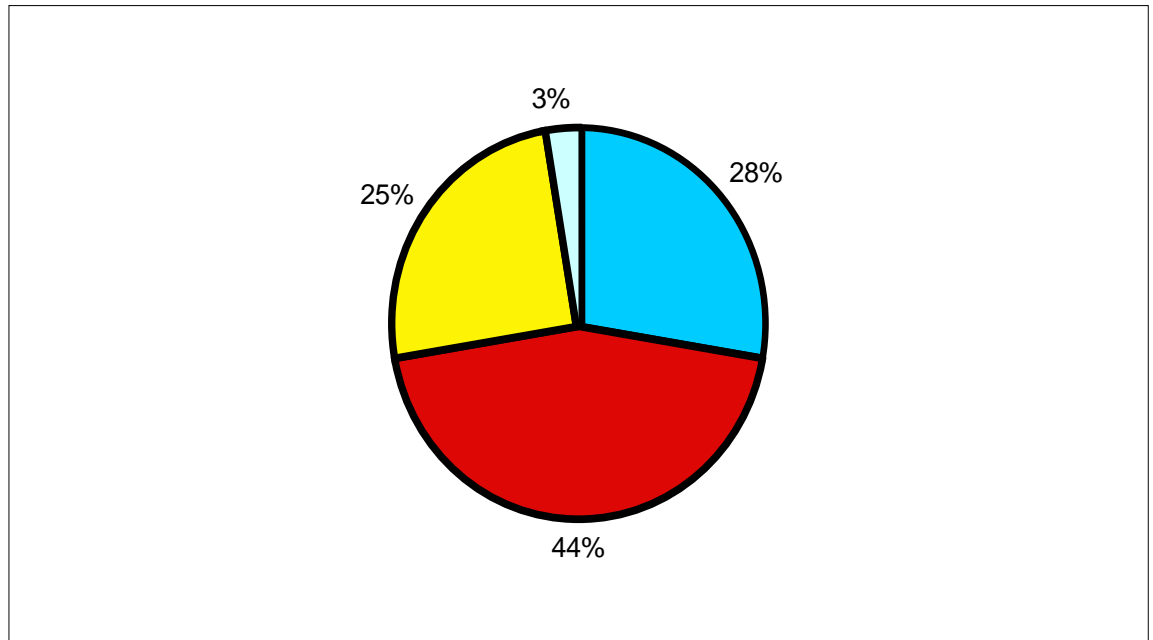


11) Has a staff member ever asked you to perform hand hygiene?

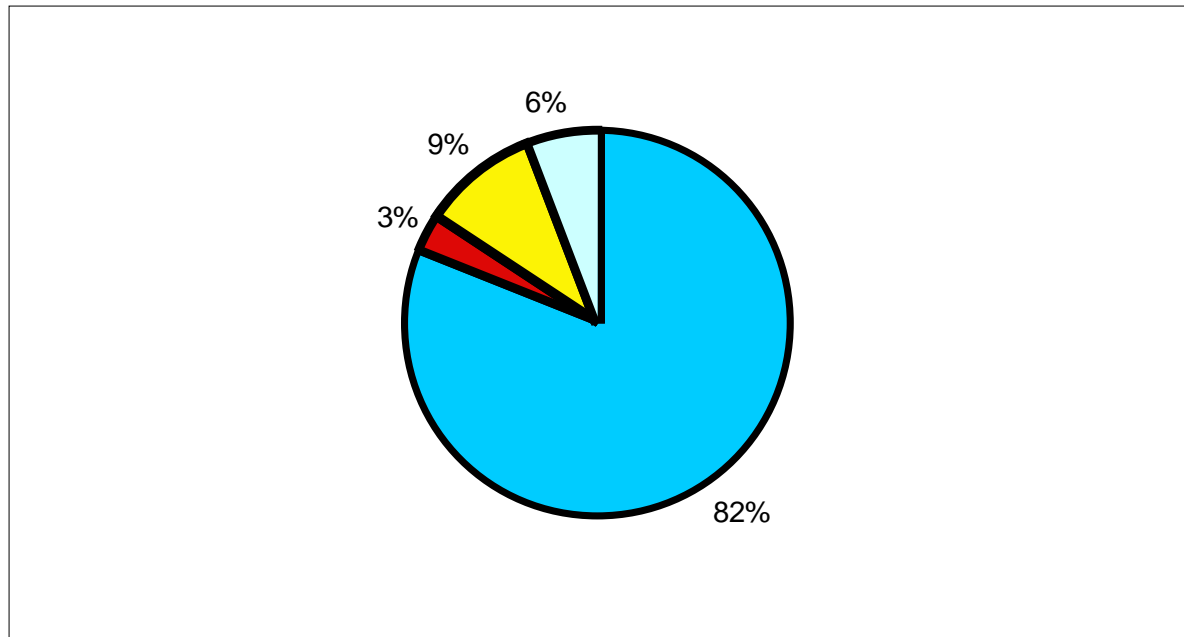


12) Do you perform hand hygiene before putting gloves on when entering an isolation room?

- Yes
- No
- Sometimes
- No Answer



13) Do you perform hand hygiene after removing gloves?

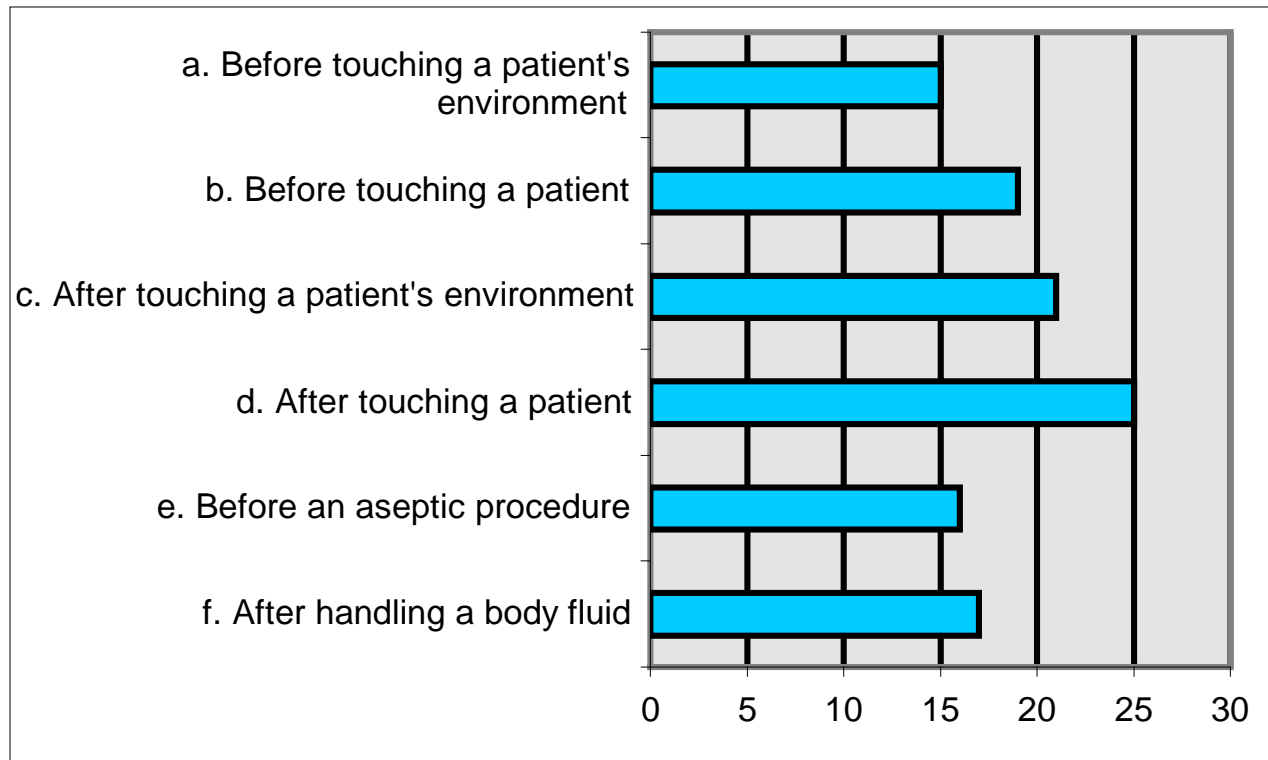


Which opportunities are most beneficial in the reduction of transmission of a nosocomial infection?

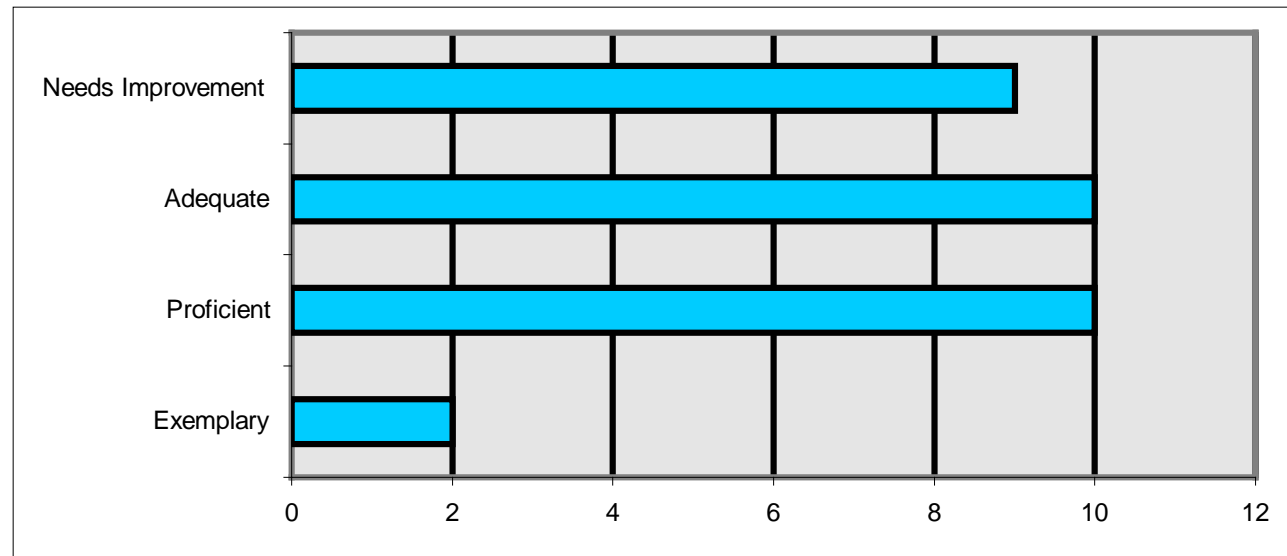
- X** A. Before touching a patient's environment
- X** B. Before touching a patient
- X** C. After touching a patient's environment
- X** D. After touching a patient
- X** E. Before an aseptic procedure
- X** F. After handling a body fluid
- X** G. All of the above



14) Do you usually clean your hands:



15) How do you currently view your hand hygiene practices?



Conclusions & Closing

- Physicians' perceptions of hand hygiene compliance and actual, observed rates do not equate
 - Observed rate for February 2008: 26% compliance (384 opportunities)
- Tend to clean hands more often following contact with a patient
- Tend to clean hands more often following removal of gloves

Limitations

- Sample size small
- Some questions left unanswered



**Thank
You!**

