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Having a (hand hygiene) moment **16 Moments For Hand Hygiene** _entering patient room before touching a patient before handling medication before clean/antiseptic procedure _before putting on sterile gloves after removing gloves ____after exposure to body fluid ____after visibly dirty/soiled moving from a contaminated body site to another body site during the care of the same patient (say that one three times while rubbing your belly and head) _after touching equipment or patient surroundings after touching a patient ____exiting a patient room ____before eating _after using the restroom when preparing food _after delivering food (if worker touches patient, bed linens, or objects in the room) cadre http://haicontroversies.blogspot.com/2011/11/im-having-hand-hygiene-moment.html

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Barriers to Compliance: Need more than feedback to improve hand hygiene

- Skin dryness and irritation
- No time to wash, nursing workload
- Inconvenient sinks, hand hygiene dispensers
 Fire codes in US
- Carrying something in your hands when entering
- Compliance not individually tracked*

Recognizing the barriers, what interventions have been proven to increase compliance?

Searching for an Optimal Hand Hygiene Bundle: A Meta-analysis

Marin L. Schweizer,^{1,2,3} Heather Schacht Reisinger,^{1,2} Michael Ohl,^{1,2} Michelle B. Formanek,^{1,3} Amy Blevins,⁴ Melissa A. Ward,² and Eli N. Perencevich^{1,2}

¹The Center for Comprehensive Access and Delivery Research and Evaluation, Iowa City Veterans Affairs Health Care System; ²Department of Internal Medicine, Carver College of Medicine; ³Department of Epidemiology, College of Public Health, and ⁴Hardin Library for the Health Sciences, University of Iowa, Iowa City

- □ Systematic Review 2000 to April 2012
- B148 articles identified, 65 fully reviewed
- □ 45 studies included (RCT and Quasi-experimental)

cadre

Schweizer et al. Clin Infect Dis 2014 Jan;58(2):248-59 A Webber Training Teleclass www.webbertraining.com

WHO Multimodal Hand Hygiene Improvement Strategy

Education

- Access to dispensers/pocket size hand rub
- Reminders
- Institutional Safety Climate (Administrative Support)
- Feedback*
 - 27 studies, only one analyzed alone

cadre

























(Counters wit	h feedback	not effec	tive				
 6-month intervention vs control step-down units Intervention: counts given to individual nurses 2x/ week, placed in chart, compared to other nurses 								
	Outcome Variable	Intervention Unit	Control Unit	р				
	Alcohol Gel	33.6	30.2	.54				
	CHG	7.5	5.6	.59				
	Total	41.1	35.8	.56				

























Boyce JM IDWeek 2012 #37759













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Use chart to estimate number of opportunities and hours of direct observation

	langer IIII	# opportunities	(1 room at time)	(2 rooms at time)
40	50	191	50	25
50	60	194	50	25
60	70	182	47	23.5
70	80	153	40	20
80	90	108	28	14

Yin J. ICHE 2014;35 (9):1163-8

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