

Disclosures

- I have the following financial relationships to disclose:
- · Consultant for: AMG Medical
- Grant/ Research support from:
 - Becton Dickinson
 - Merck
 - Fonds de Recherche en Santé du Québec,
 Lady Davis Research Institute
 Jewish General Hospital Foundation

 - AMG Medical



Objectives

- Provide an overview of different ways to involve patients in hand hygiene
- Effectiveness
- Provide Tips and ideas

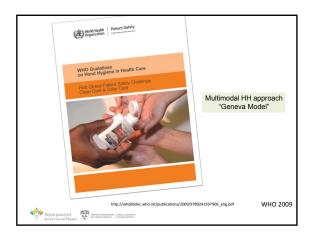




Importance recognized

Hand hygiene, either by handwashing or hand disinfection, remains the single most important measure to prevent nosocomial infections. The importance of this simple procedure is not sufficiently recognised by health-care workers (HCWs), and poor compliance has been documented repeatedly. Although some previous





	100%	
80%	909	%
75% 60% THE PROB	LEM WITH MULTIMOD	65% 63% DAL APPROACH

HOW CAN I INVOLVE PATIENTS IN HAND **HYGIENE?**

Could it help me break the glass ceiling?



Patient Participation in Hand Hygiene: a Global Survey of Current Practices

A. J. Stewardson¹, B. Allegranzi², Y. Longtin³, A. Gayet-Ageron¹, N. Prasopa-Plaizier², A. Lee², D. Pittet¹

- ¹ University of Geneva Hospitals and Faculty of Medicine, Geneva, SWITZERLAND ² World Health Organization, Geneva, SWITZERLAND ³ Laval University Infectious Diseases Research Centre, Québec, QC, CANADA

Stewardson A et al. ICAAC 2013





Methods

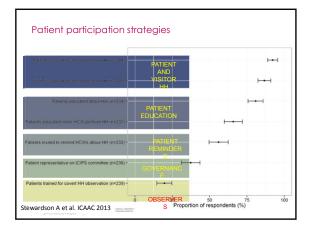
- Describe practices and perceptions regarding patient participation (PP) for hand hygiene promotion
- Design:
 Cross-sectional survey (December 2012 to March 2013)
- Population:
 Infection control professionals at institutions with PP programs
 One participant per institution
 Potential participants extracted from a prior global survey based on the WHO Hand Hygiene Self-assessment Framework
- Procedure:
 Invitation by email
 Online survey
 The survey was available in English and French
 Two reminders were sent to non-respondents

Stewardson A et al. ICAAC 2013



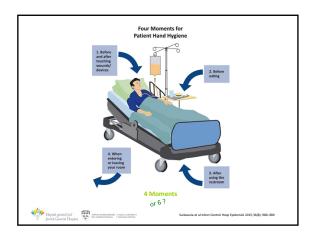
Respondents

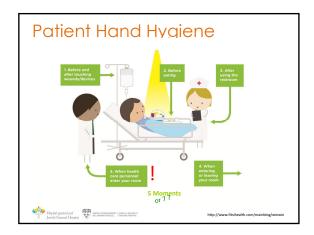


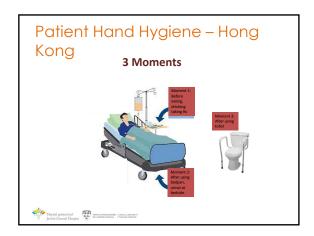


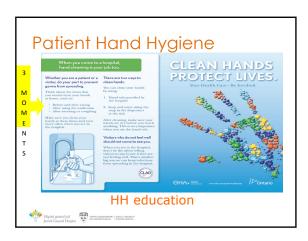












How often do they comply?



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Compliance of self-initiated patient hand hygiene with respect to different age group (overall compliance $\sim 38\%)$

	Observed	Observed	Observed	Overall P
	Moment 1	Moment 2	Moment 3	value
	(before snacks,	(after use of	(after	
	drinks, prn drugs	bedpan/urinal	attending	
	at the bedside)	at the bedside)	toilet facilities)	
Patient aged				
≤ 34 years	12.2% (6/49)	66.7% (4/6)	90.9% (20/22)	<0.001
35 to 49 years	21.0% (17/81)	33.3% (2/6)	86.4% (19/22)	<0.001
50 to 64 years	34.7% (33/95)	28.6% (4/14)	81.0% (17/21)	<0.001
65 to 79 years	32.7% (36/110)	30.8% (8/26)	95.7% (22/23)	<0.001
≥ 80 years	24.7% (20/81)	5.9% (1/17)	100% (9/9)	<0.001
Overall	26.9% (112 /416)	27.5% (19/69)	89.7% (87/97)	<0.001

Between 14 January and 30 June 2015, a total of 582 conscious patients were observed for 114 working days, with an average of 5 patients per day.

*** Propositional form ** The Control of the Control o

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

Jocelyn A. Srigley, MD, MSc;¹ Colin D. Furness, PhD, MPH;² Michael Gardam, MD, MSc³

- 279 patients, Canadian hospital
- Automatic electronic monitoring of patient HH behavior

Patient hand hygiene compliance

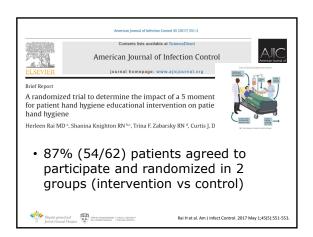
Indication	Compliance
Mealtime	39.1%
Upon room entry	2.9%
Upon room exit	6.7%
After bathroom visit	29.7%

Srigley IA et al. Infect Control Hopp Epidemiol. 2014 Nov;35(11):13

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Units Using a Novel Technology: An Observational Stu			
Jocelyn A. Srigley, MD, MSc ¹ Colin D. Furness, PhD, MPH ² Michael Gardam, MD, MSc			
TABLE 2. Descriptive Statistics and Hand Hygiene R	ates by Sex for	Bathroom	Visits
Variable	All patients	Females	Males
No.	222	96	126
No. of bathroom visits	12,649	6,428	6,221
Proportion of visits associated with hand hygiene, %	29.7	35.63	23.6a
Proportion of soap use (vs ABHR), %	92.0	94.6 ^b	87.9b
NOTE. ABHR, alcohol-based hand rub.			
* P < .001.			
^b P < .001.			-
			4
	;35(11):1336-41.		

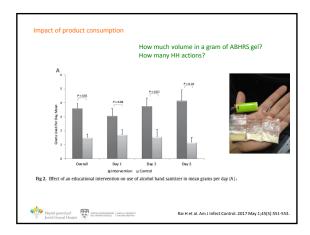


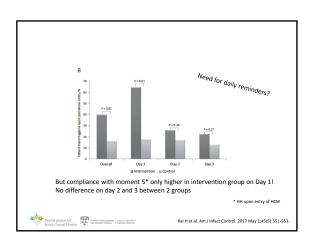
Patient HH (5 moments)

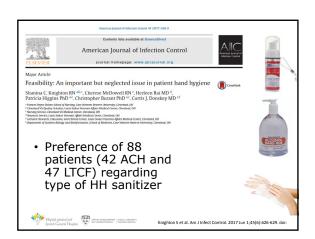
- · Both groups given ABHRS bottle
- Intervention
 - Personal education about the 5 moments by a trained nurse
- Control: no education
- Baseline patient HH rate moment 5 (HCW entry): 1/43 observations (2%)

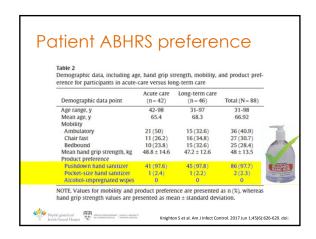


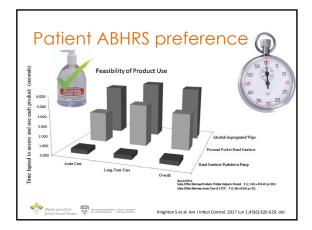
Rai H et al. Am J Infect Control. 2017 May 1;45(5):551-55

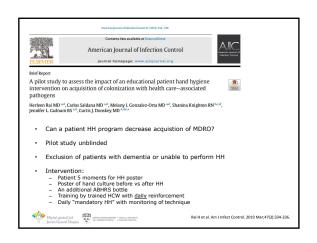


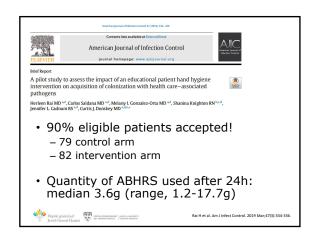


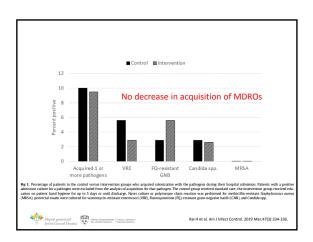


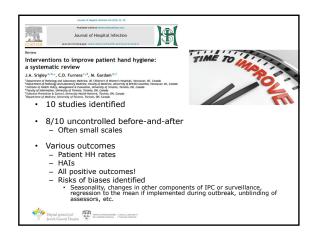


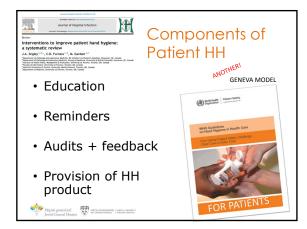














ORIGINAL ARTICLE

Role of Hand Hygiene Ambassador and Implementation of Directly
Observed Hand Hygiene Among Residents in Residential Care
Homes for the Elderly in Hong Kong

Vincet C. C. Cheng, Mb, 12 Hong Chen, Mb, 24 Mb, 12 Mb, 12







TABLE 3. Consumption of Volume of Alcohol-Based Hand Rub (ABHR) per Conscious Resident per Week in 10 Residential Care Homes for the Ederly Under the Category of Intervention Arm (5 Homes)

ABHR per Resident ABHR per Resident per Per Resident per Per Resident per Per Resident per Week in the Nonintervention Arm, Per Resident per Per Resident per Week in the Per Resident per Per Resident per R

Environmental contamination during intervention

Organism Intervention Control

MRSA 79/600 (13.2%) 197/600 (32.8%) <0.001

CRA 56/600 (9.3%) 94/600 (15.7%) 0.001

No difference in MRSA and CRA contamination at baseline between arms (but small sample size)

MRSA: 32% vs 33%

CRA: 32% vs 20%

Reframing the message to include patient HH... ... so that HCWs are not targeted Hed dance; is need to be an early providing to me of the beat ways, providing to be believed in the patient of the patients. When the patients are the patients are the patients are the patients are the patients. When the patients are the patients are the patients are the patients. When the patients are the patients are the patients are the patients are the patients. When the patients are the patients are the patients are the patients. When the patients are the patients are the patients are the patients are the patients. When the patients are the patients. When the patients are the patients

Patient Education



Increase Health Literacy

- · Doctor more likely to involve you in the decisionmaking;
- · Will increase your confidence in your capacity to take decisions

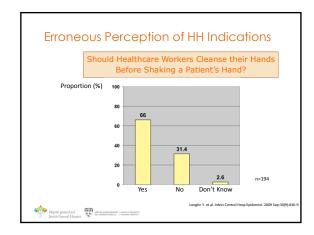


Obstacles to Patient Participation

- Lack of Knowledge and Low Health Literacy
 - Patients less likely to be involved in decisions requiring medical knowledge and clinical expertise¹

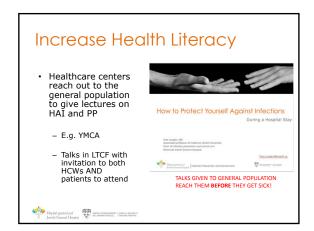


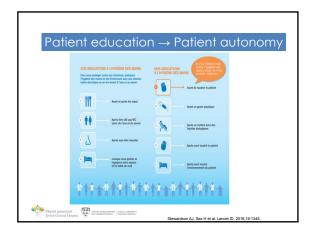


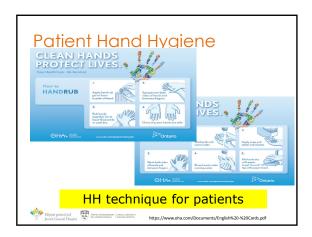




















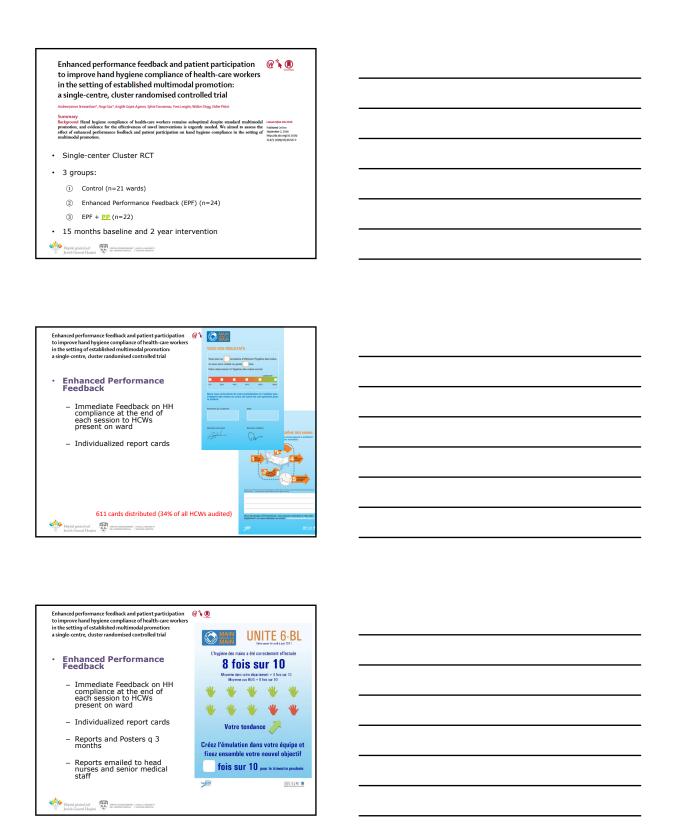


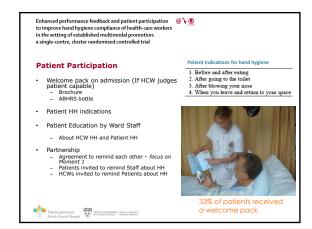
Enhanced performance feedback and patient participation to improve hand hygiene compliance of health-care workers in the setting of established multimodal promotion: a single-centre, cluster randomised controlled trial

Bactgound Hand hygiene compliance of health-care workers remains suboptimal despite standard multimodal promotion, and evidence for the effectiveness of noel interventions is ungenth needed. We aimed to assess the effect of enhanced performance feedback and patient participation on hand hygiene compliance in the setting of multimodal promotion.

- The Swiss Experience
- Large scale study to evaluate efficacy of patient reminders to improve HH







Enhanced performance feedback and patient participation to improve hand hygiene compilance of health-care workers in the setting of established multimodal promotion:
a single-centre, cluster randomised controlled trial

• Patient Participation

— Posters displayed promoting PP

— HCWs invited to wear promotional badges

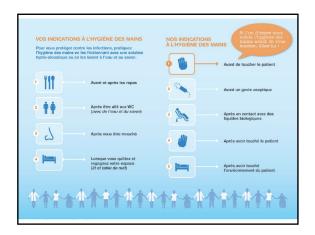
— Information sessions to HCWs at beginning of study

— HCWs determined if patient was "eligible" to PP

• Excluded for the duration if incapacity

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Mérosa otsanocensen | высока оничните од туменені водал. | падсина невони.



Enhanced performance feedback and patient participation to improve hand hygiene compliance of health-care workers in the setting of established multimodal promotion: a single-centre, cluster randomised controlled trial

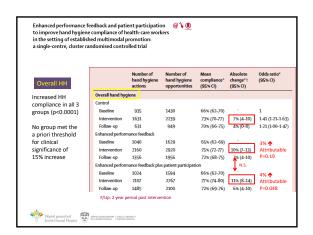
- RESULTS

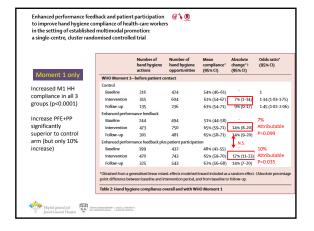
- 1367 Observation sessions

- 12,579 HH opportunities found

- Inter-observer agreement: 0.94

- Median No. observed HCWs per session: 3 (IQR, 2-4)





Enhanced performance feedback and patient participation to improve hand hygiene compliance of health-care workers in the setting of established multimodal promotion a single-centre, cluster randomised controlled trial "Observers witnessed no episodes of patients reminding HCWs to perform HH during HH opportunities before patient contact" Hôpital général jusif
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Jewish General Hospital Help yourself, help others! Help yourslef, help others • A single patient enquiry can induce long-lasting change in HCW behaviour -81% of HCWs reminded to perform hand hygiene by a patient were more careful about it during subsequent patient care activities

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4

Engagement in Governance, Policymaking and Promotion



Regular meeting with patients' group representative with hospital management team, Queen Mary Hospital

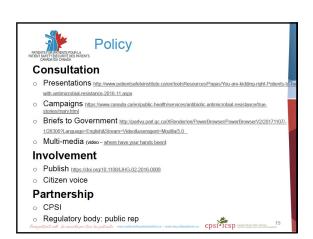




Patients are your partners.
Why and how this partnership works.

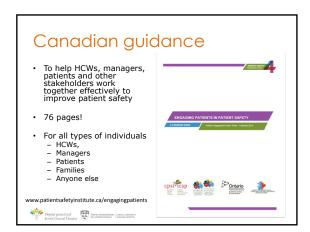


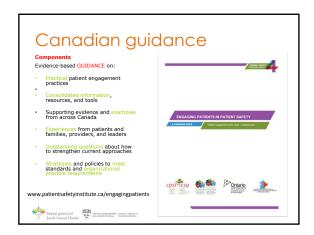














- · Increase patient and family involvement in:
 - Medication safety
 - Surgical care safety
 - Infection Prevention and Control
 - Patient-provider communication
 - Patient identity
 - Transition of care
 - Family presence



Accreditation Canada Standards – infection prevention and control

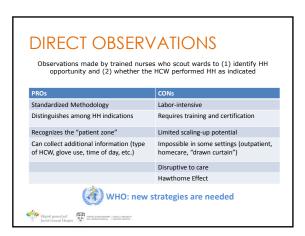
- 6.0 The organization engages clients and families in infection prevention and control practices.
 - 6.1 The organization provides clients and families with information about routine practices and additional precautions as appropriate in a format that is easy to understand.
 - 6.2 The organization provides client, families and visitors with access to hand hygiene resources and PPE based on risk of transmission of microorganisms.
- 14.3 The organization seeks input from staff, services providers, volunteers, and clients and families on components of the IPAC program.
 - Surveys, focus groups, interviews, meetings, etc.
- 14.5 The organization shares evaluation results with staff, service providers, volunteers, clients, and families.

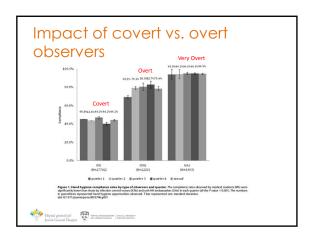
5

Patient as Staff HH Observers











Patient Participation to Prevent Medical Errors

- Strong patient desire to ↓ medical errors¹
 - Heavy media coverage
 - 91% believe that patients can help prevent medical errors
 - 98% believe that hospitals should train patients how to prevent errors

1.Waterman. A.D., et al., J Gen Intern Med. 2006, 21(4): p. 367-7



Patient Participation in the Evaluation of the quality of care

Already accepted in the form of Patient Satisfaction Surveys

- Hampton T. 7-country survey of patients: US adults most unhappy with health care. Jama 2007;298:2730-1
- Howell E et al. Comparison of patients' assessments of the quality of stroke care with audit findings. Qual Saf Health Care 2007;16:450-5
- Durieux P et al. Comparison of health care professionals' self-assessments of standards of care and patients' opinions on the care they received in hospital: observational study. Qual Saf Health Care 2004;13:198-202
- Idvall E et al. Patient and nurse assessment of quality of care in postoperative pain management. Qual Saf Health Care 2002;11:327-34



Patient Participation in the Evaluation of the quality of care

- Limitations of patient satisfaction surveys
 - Reliability of patient assessment?
 - · Patients not trained
 - · Limited medical knowledge
 - Retrospective evaluation
 - Capacity to assess outcomes other than "satisfaction"?





Cite this article as: BMJ, doi:10.1136/bmj.38874.499167.7C (published 22 June 2006)

Research

BMI

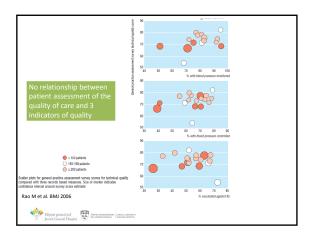
Patients' own assessments of quality of primary care compared with objective records based measures of technical quality of care: cross sectional study

- Relationship between patient assessment of technical quality of care (medical knowledge, thoroughness of physical examination, arrangement of tests when needed, making the right diagnosis, and prescribing the right treatment)
- 3 indicators of technical quality:

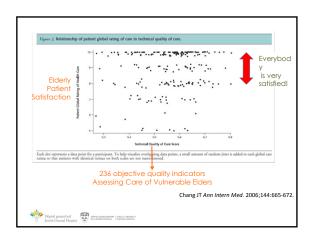
 - Monitoring of BP Control of BP Influenza vaccination coverage of patients
- 23 clinical practices (3487 patients) evaluated



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Annals of Internal Medicine Patients' Global Ratings of Their Health Care Are Not Associated with the Technical Quality of Their Care Jain T. Cang, MD, MPH, Rus D. Huy, PhD, Paul C. Sheisels, MD, PhD; Cathenia H. MacLan, MD, PhD, David H. Solomon, MD, Net S. Winger, MD, MPH, Rus P. Rus, PhD, Paul C. Sheisels, MD, PhD; Cathenia H. MacLan, MD, PhD, David H. Solomon, MD, Net S. Winger, MD, MPH, Care J. Landwage MPH; John Adam, PhD, Phy T. Young MD, and best S. Winger, MD, MPH, Care J. Landwage MPH; John Adam, PhD, Phy T. Young MD, and best S. Winger, MD, MPH, Care J. Landwage MPH; John Adam, PhD, Phy T. Young MD, and best S. Winger, MD, MPH, Care J. Landwage MPH; John Adam, PhD, Phy T. Young MD, and best S. Winger, MD, MPH, Care J. Landwage MPH; John Adam, PhD, Phy T. Young MD, and best S. Winger, MD, MPH, Care J. Landwage MPH; John Adam, PhD, Phy T. Young MD, David Londwage MPH, Londwa





Patient evaluation of quality of

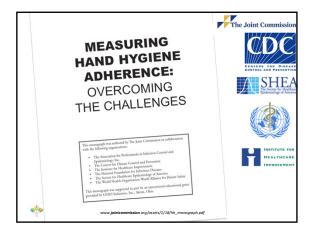
- Retrospective evaluation of technical quality of care = not reliable
 - Reasons
 - · Lack of training?
 - · Lack of expertise?

 - Patient do not pay attention
 Easy to miss something you are not looking for
 Assume it is correctly done
 - Delay between events and survey/ recall bias?



Professional organizations patient involvement hand hygiene evaluation





Patients In some organizations, patients are asked to provide information on health care worker hand hygiene. (Using patients as observers is not the same as using patients to remind health care workers to perform hand hygiene, which is a commonly used strategy for improvement; that strategy is described in more detail in Chapter 9.) Using patients as observers may be most effective in settings such as ambulatory care, in which patients are relatively healthy and where independent observers are rarely used. Keep in mind that staff need to know they should perform hand hygiene in front of a patient; the patient will not see hands being cleansed if it is done outside a patient's field of vision.

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www.jointcommission.org/assets/1/18/hh_monograph.pdf





Accreditation Canada



- - The organization monitors compliance with IPC policies and procedures and makes improvements to the policies and procedures and/or education program based on the results
 - Observation can be done by a trained observer within an organization, or by patients/families within an organization or in the community
 - Organizations providing services in client homes who find direct observation not possible can consider alternative methods, such as Questions on client satisfactions surveys that ask about staff's hand bytican compliance hygiene compliance.
- Standard 8.2
 - Hospitals must implement processes for clients and families to report non-compliance with IPC policies and Procedures



On what evidence are these recommendations based? Höpital général jusif Jewish General Hospital

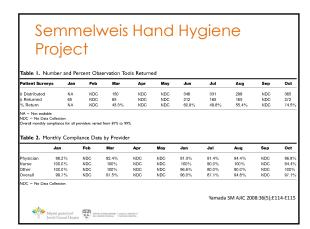
Patient evaluation of Hand Hygiene compliance

- · Semmelweis Hand Hygiene Project
 - Published as abstract only (AJIC 2008)
 - Tripler Medical Army Center, Honolulu, HI
 - Single Hospital outpatient clinic
 - Intervention:
 - Patients handed a 3x5" card upon registering
 - Patients invited to fill out and drop in designated receptacle

Yamada SM AJIC 2008:36(5);E114-E115



Be Involved in Your Care! Using soap and water or alcohol ruthat helps us to prevent the spread Please observe our health care provor use the alcohol rub before provor	of germs.	
 Take an active part in your care by side of this card and placing it in reception area. 		Date:
	Type of healthcare wor	
		Physician Nurse
		Other 🗆
	Performed Hand Hygier	ne? Yes □ No □



The Joint Commission Journal on Quality and Patient Safety

National Patient Safety Goals

Engaging the Patient as Observer to Promote Hand Hygiene Compliance in Ambulatory Care

Mark J. Binks, Dr.P.H., M.B.A.; Susanne LaMarche, M.B.A.

• Johns Hopkins Hospital

• Switch in HH policy:

— HH upon entering and leaving patient room

• Baseline HH compliance rate (trained nurses):

— 68% (range, 63-78%)

• Need: extend compliance to outpatient clinics

Bittle MJ et al. Jt Comm J Qual Patient Saf. 2009;35(10):519-25.

The Joint Commission Journal on Quality and Patient Safety **National Patient Safety Goals** Engaging the Patient as Observer to Promote Hand Hygiene Compliance in Ambulatory Care Mark J. Bittle, Dr.P.H., M.B.A.; Suzanne LaMarche, M.B.A. Methods - Patients recruited upon registering at outpatient clinic If patient acceptsScoring card (yellow) + pencil Patient drops card in ballot box upon leaving clinic Höpital général julif Jewish General Hospital General Ge Be a partner in your health care! BE A PARTNER IN YOUR HEALTHCARE Date _ Healthcare Heathcare Performed Subring scop & water or alcohol rules (such as Worker hand bygine Performed Subring Subri The card is issued to the patient at check-in. The patient receives a small pencil to complete the card and places the card in a yellow drop or leaving the clinical practice. Höpétal général jusif Jewish General Hospital ot L'université audus. I nacional measure audus. The Joint Commission Journal on Quality and Patient Safety National Patient Safety Goals Engaging the Patient as Observer to Promote Hand Hygiene Compliance in Ambulatory Care Mark J. Bittle, Dr.P.H., M.B.A.; Suzanne LaMarche, M.B.A. Results - Number enrolled patients: ? - Response rate: 22% (range, 12-77%) - Observed compliance: 88% Validation of accuracy of observation (n=65) Independent observer in room Concordance: 100% Bittle MJ et al. Jt Comm J Qual Patient Saf. 2009;35(10):519-25. Höpital général juif Jewish General Hospital Works or Lowester's August on Lowester's August 1 (1944)

The Joint Commission Journal on Quality and Patient Safety

National Patient Safety Goals

Engaging the Patient as Observer to Promote Hand Hygiene Compliance in Ambulatory Care

Mark J. Bittle, Dr.P.H., M.B.A.; Suzanne LaMarche, M.B.A.

- Number of patients enrolled?
- Ethical approval?



Patient Involvement in HH observation

- Logical step in the involvement of patients
- Recommended by many organizations (CDC, Accreditation Canada)
- However, many questions remain unanswered:
 - Reliability, Validity
 - Patient acceptance
 - HCW perception
 - Impact on patient-HCW relationship
 - Support from organizations
 - Ethical considerations





Patient Observer Study (POST)

Engaging hospitalized patients in the evaluation of staff hand hygiene compliance a prospective study



POST

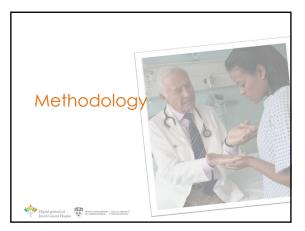
- Initiated Institut Universitaire de Cardiologie et de Pneumologie de Québec (IUCPQ)
- Objectives
 - Develop a new method to evaluate HCWs' HH compliance
 - 2. Explore a new strategy for involving patients in improving patient safety.



POST

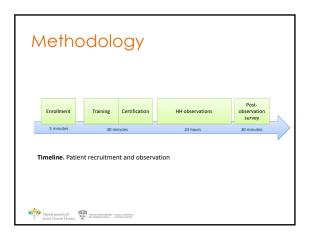
- Principal research question
 - Can patients be engaged to evaluate prospectively staff HH compliance?
- Primary hypothesis
 - A sizeable proportion of patients will accept to participate, be able to correctly recognize indications for HH and appreciate whether HH occurred according to institutional recommendations, and appreciate their experience





Methodology Study design Interventional, uncontrolled prospective study "proof-of-principle" pilot study Population Patients from bariatric surgery unit, IUCPQ 32-bed unit Collaborators Maria-Cecilia Gallani RN, PhD Laval University Faculty of Medicine Lori Côté RN IPC cert. Msc candidate

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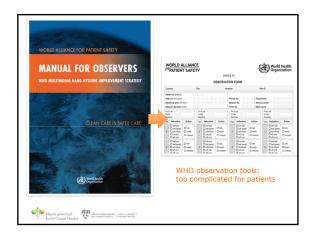


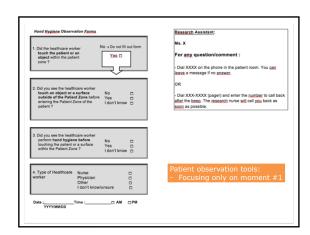
Methodology • Eligibility criteria - Recovering from bariatric surgery (24h postop) - No acute or life-threatening condition - Absence of additional precautions - Adequate language and writing skills - > 18 years old

Pre-enrollment questionnaire Determine proportion who accept to participate Determine proportion who accept to participate Understand the reasons for declining to participate Collect very limited demographic information Post. Determine proportion who accept to participate Collect very limited demographic information Post. Determine Training Certification HH observations Determine State of the post. Determine Training Certification Determine State of the post. Determine Training Certification Det

Page of the particular of the patient with sufficient knowledge Given by research team Objective: teach HH Moment #1 Patient Zone Recognize opportunities for HH Determine whether HH was performed as required Record observations in form Training Certification HH observations Smitudes Observation Smitudes Observation Survey 10 minutes Observation Survey Obse

Se	ction 1: theoretical basis
	Role of hands in transmission of microbes and infections: importance of hand hygiene to prevent nosocomial infections
	in the community and in healthcare settings;
:	2 hand hygiene techniques (hand rubbing and hand washing);
:	Notion of « patient zone » 4 Moments to hand hygiene (in particular Moment No. 1)
:	Concept of hand hygiere opportunity
	 Only encounters in which there was an opportunity to perform HH may be evaluated;
	 Only HCW who touch either the patient or a surface within the patient zone must be evaluated Some encounters are « not evaluable » if cannot assess whether the HCW has touched a surface outside of the patient zone:
	Significance of not witnessing HH
	 May have been conducted in the corridor so care may still be safe.
•	Observations only concerns HCWs, not patients or visitors.
	The subject is invited to fill out the observation booklet. Any uncertainty or error is corrected by the research nurse.
	Homest No. 1 correctly performed (some looked valued, calcular of leafuer Done and their houses the patient) Homest No. 1 correctly performed for me evaluation (confirmer cannot use ReVV used registro calcular of Planter Zone) Homest No. 1 not respected (ICWX comes directly from corridor and touches the bad without performing ReV) Homest No. 1 not respected (ICWX comes all review) from corridor and touches the beddering performing ReV) Homest No. 1 not respected (ICWX concers the deposition takes before ReVV) Homest No. 1 not respected (ICWX concers the deposition takes before ReVV) Homest No. 1 notice (ICWX plant on given interest of performing IRV) Homest No. 1 notice (ICWX plant on given interest of performing IRV)
	- Moment No. 1 correctly performed but non evaluable (observer cannot see HCM loach object outside of Patient Zone) - Moment No. 1 or respected (PCM comes dency from correctly and founders the des without performing 189) - Moment No. 1 not respected (PCM loaches the bedded table before 18) and load-feet it is pillettly - Moment No. 1 not respected (PCM loaches the bedded table before 18) and load-feet it is pillettly - Superfluxous (PCM) parkers in 9th does not tabus this patient or the patient correctly - Superfluxous (PCM) parkers or glosses included of performing (RII) - Miscalianeous information - Miscalianeous information - Observations may be discrete but not identify - Observations may be discrete but not includent.
:	- Moment No. 1 correctly performed but non evaluable (observer cannot see HCW louch object outside of Patient Zone) - Moment No. 1 not respected (HCW misses drently from corridor and touches the but whitch performing HH) - Moment No. 1 respected (HCW places cup on bedded table, perform HH and touches the patient) - Moment No. 1 respected (HCW places cup on bedded table, perform HH and touches the patient) - Superflows HH (HCW perform Hb to does not bout the appatent or the patient zone) - Moment No. 1 missed (HCW parts on gloves instead of performing HH) - Miscellaneous information - Observations must be discrete but not hidden; - If HCW sake about HH, answer Huy our participating in a study to see whether patients can evaluate quality of care
:	- Moment No. 1 correctly performed but non evaluable (observer cannot see HCW louch object outside of Patient Zone) - Moment No. 1 our respected (HCW comes directly from control and stouches the although performing HH) - Moment No. 1 not respected (HCW touches the beddied table before land touches the patients) - Moment No. 1 not respected (HCW touches the beddied table before land) - Moment No. 1 not respected (HCW perform Beth Undees not touch the patient or the p
:	- Moment No. 1 correctly performed but non evaluable (observer cannot see HCW louch object outside of Patient Zone) - Moment No. 1 not respected (HCW misses drently from corridor and touches the but whitch performing HH) - Moment No. 1 respected (HCW places cup on bedded table, perform HH and touches the patient) - Moment No. 1 respected (HCW places cup on bedded table, perform HH and touches the patient) - Superflows HH (HCW perform Hb to does not bout the appatent or the patient zone) - Moment No. 1 missed (HCW parts on gloves instead of performing HH) - Miscellaneous information - Observations must be discrete but not hidden; - If HCW sake about HH, answer Huy our participating in a study to see whether patients can evaluate quality of care







Methodology

- · Observation sessions
 - Patients invited to systematically collect HH observations during 24-hour period
 - Record their observations in booklet



Methodology

- · Post-observation survey
 - Objective: collect participants' experiences and perceptions
 - 20-minute verbal survey

 - >30 items + sociodemographic information
 Based on Theory of Planned Behavior (TPB) + Health Action Process Approach (HAPA)
 - Open questions and Likert scales



Methodology

- · Post-observation survey Key Elements

 - General perception of the experience Perception of being sufficiently competent to conduct observations Trust in one's observations

 - Trust in one's observations
 Technical difficulty
 Unforeseen difficulties/challenges
 Comments from HCWs
 Uneasiness to perform observations
 Modification of perception of quality of care
 Modification of relationship with HCWs
 Whether observer has witnessed non-compliance
 Whether observer has witnessed non-compliance
 Whether observations were anxiety-provoking
 Would accept to evaluate other aspects of care



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Support from Institution Support obtained from CEO of IUCPQ with ONE CONDITION: Should not start study before obtaining support from all stakeholders Bitical Committee and Scientific Committee CEO DIST DIST SUPPORT (Medical Executive) HR Unions Head nurse + nurses on bariatric surgery unit All bariatric surgeons Funded by the Foundation of IUCPQ Research focusing on patient rather than the HCW Ask HCWs to help patients succeed and asked to let us know if any adverse







RESULTS

- Recruitment period: August 2014- March 2015
- No. eligible patients: 71
- No. patients not available: 25
 Main Reasons: sleep 17/25 (68%)
 Other reasons: Visitors, Other HCWs
- No. patients approached: 46

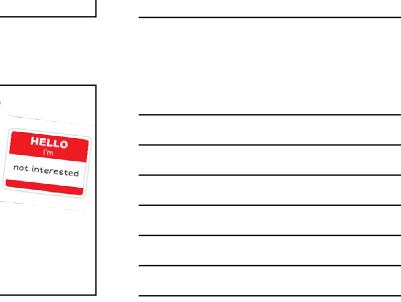
 - Accepted: 25 (54%) Age: average = 44 (range, 23-67) 64% female



Reasons for refusing to participate

- Physically unwell, pain, nauseated (n=6)
- Not interested (n=5)
- Tired (n=3)
- Need to receive care (HD, therapy) (n=2)
- Will soon be discharged (n=1)
- Visitors (n=1)
- Fear of annoying HCWs (n=1)



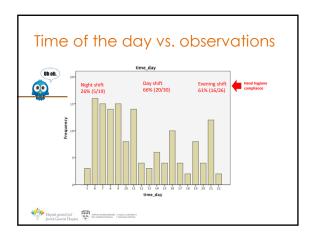


Training

- Average duration training:
 - 19 minutes (range, 13-40)
- Average duration validation:
 - 11 minutes (range, 10-20)
- Score:
 - 100% 80% 60% 40%

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OBSERVATIONS • No. observations: Mean = Std. Dev N = 20 167 83 (49%) excluded because patient had not seen HCW touch a surface outside patient zone • Average: 8 obs/24h

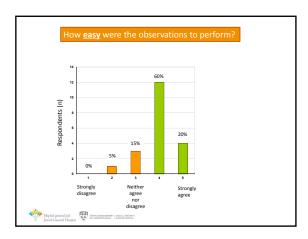


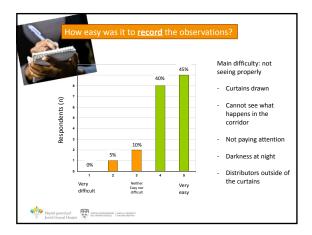
Patients' experience • Qualitative assessment - Positive experience: 23/25 easynot a burdenhappy to collaboratefeel usefulkills time

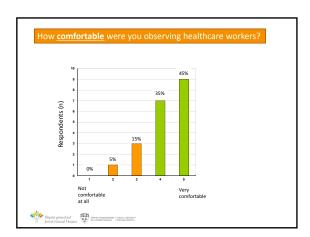
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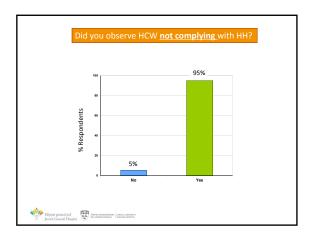
Helps you realize importance of HH

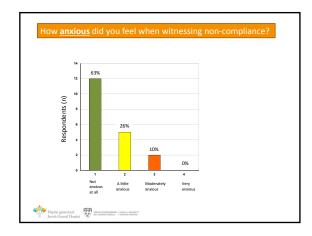
Patients' experience • Qualitative assessment - Negative experience: 2/25 Have other priorities Hoyital general just Jewish General Hospital

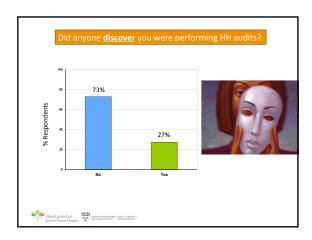


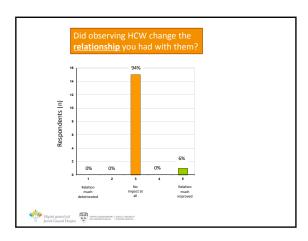


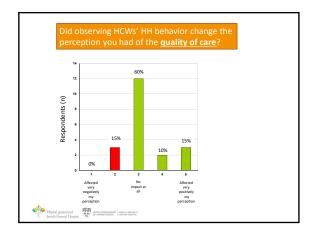


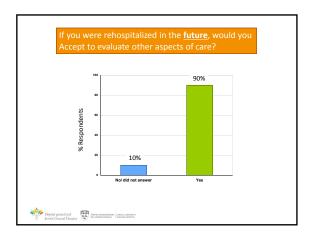








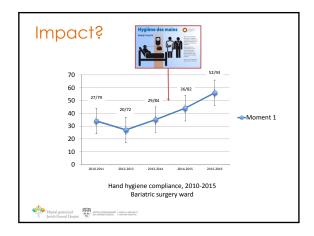




HH compliance

- · HH compliance
 - Valid observations: 43/84 (51%)
 - Including events without observation touching surface outside patient zone: 67/154 (44%)







idid Hygichic	Monitoring			
Direct Observation by patients				
PROs	CONs			
Standardized Methodology	Labor-intensive			
Distinguishes among HH indications	Requires training and certification			
Recognizes the "patient zone"				
Can collect additional information (type of HCW, glove use, time of day, etc.)				
Scaling-up potential				
Possible in all settings				
Less disruptive to care				
Hawthorne Effect exploited?				



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