



Patient Hand Hygiene

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An article published in 2008 asked the question, “Hand hygiene: what about our patients?” In it, the authors noted that despite nurses and patients believing that patient hand hygiene is important, unless patients are able to use restroom facilities independently they are rarely encouraged or offered assistance with doing so.¹ Fast forward to 2016, and patient hand hygiene still receives limited attention. Major reasons for this are the emphasis on healthcare worker (HCW) hand hygiene compliance, lack of defined strategies to involve patients in hand hygiene and lack of evidence around the impact of patient hand hygiene on healthcare-associated infection (HAI) rates. It is believed that patients may contribute to the spread of pathogens in four significant ways: through the transfer of pathogens within the environment, by directly spreading pathogens to other patients, by cross-contamination through direct contact with HCWs, and by increasing their own risk of infection from an endogenous source.²

Despite lack of solid evidence supporting patient hand hygiene programs, many HCW and patients believe that encouraging patients, and visitors for that matter, to perform hand hygiene is a good idea. One of the major barriers for patients

facilitating their own hand hygiene is lack of mobility and therefore access to sinks and hand hygiene products. Just as HCW should have access to hand hygiene products at the point-of-care to encourage proper use at the right moments, patients should have access to products within an arm’s reach as well. Current formats for hand hygiene products are primarily soap and water, wipes, and alcohol-based hand rubs. More study is needed around what type, design and placement of product is best suited for patients who may have dexterity, cognitive, or mobility issues.

We can also draw from foundational knowledge within the World Health Organization (WHO) Guidelines that strongly advise against simply providing hand hygiene products as a way of changing behavior. Knowing when to perform hand hygiene is part of the multi-modal strategy. The patient is uniquely different from the healthcare worker who is trained to perform hand hygiene at specific moments. The patient is not only dealing with his or her illness and the stressors of being hospitalized, but also may not know the appropriate times that hand hygiene is warranted. Sunkesula and colleagues proposed

“Four Moments for Patient Hand Hygiene” and those include: 1. Before and after touching wounds and devices, 2. Before eating, 3. After using the restroom, 4. When entering or leaving the room.³ Even providing provide the appropriate tools and products and education for patients and HCWs about patient hand hygiene does not guarantee success. Hand hygiene must also be actively promoted from various angles and to all healthcare participants to become part of the culture, practice, and behavior of health care, and to contribute to the reduction of HAIs. More patient hand hygiene studies need to be conducted in order to contribute to the body of knowledge around best practices. As the trend for including patients in safety initiatives grows, hand hygiene is a logical way of engaging and empowering them. The Canadian Patient Safety Institute offers tools designed to help patients and families understand their involvement in hand hygiene and provide basic education for those wanting to begin implementing a patient hand hygiene program.⁴

1. Burnett E, Lee K, Kydd P. Hand hygiene: what about our patients? *British J Infect Control.* 2008;9(1):19-24.
2. Landers T, Abusaleem S, Coty MB, Bingham J et al. Patient-centered hand hygiene: the next step in infection prevention. *Am J Infect Control.* 2012;40:511-517.
3. Sunkesula V, Knighton S, Zabarsky TF, et al. Four moments for patient hand hygiene: a patient-centered, provider-facilitated model to improve patient hand hygiene. *Infect Control Hosp Epidemiol.* 2015;36(8):986-989.
4. Hand hygiene: working with patients and families. Canadian Patient Safety Institute web site. <http://www.patientsafetyinstitute.ca/en/toolsResources/Pages/Patients-Their-Families.aspx>. Accessed July 18th, 2016.

THAT'S a FACT!

A single application of alcohol gel (2 mL) consistently reduced the burden of MRSA on hands of colonized patients with positive hand cultures, however incomplete removal was common, particularly in those with a high baseline level of recovery.

<http://www.ncbi.nlm.nih.gov/pubmed/25633009>

Product Feature

MAKE IT EASY FOR PATIENTS AND VISITORS TO BE ENGAGED IN THE FIGHT AGAINST GERMS.

Healthcare workers (HCWs) aren't the only ones who need clean hands. Patients feel reassured when healthcare facilities promote hand hygiene and having patients and visitors perform good hand hygiene as a routine practice is essential to help reduce healthcare associated infections. GOJO offers a variety of hand sanitizer solutions that can be used anytime when soap and water are not accessible. CPSI and MOHLTC all provide recommendations to encourage and educate patients and their families on hand hygiene standards and best practices to help ensure safe high quality care. Recommended as part of an admission kit, patient safety initiative, bed side table and meal tray program, PURELL® Patient Hand Hygiene Solutions are a great way for facilities to demonstrate their commitment to patient safety.

HELP EMPOWER PATIENTS IN THE FIGHT AGAINST GERMS BY OFFERING PATIENT HAND HYGIENE SOLUTIONS FROM GOJO.

NEW PURELL ADVANCED HAND RUB-SINGLE USE



A unique, convenient package provides PURELL® Advanced Hand Rub in a single, efficacious application when and where you need it.

- Easy to use, one-handed operation
- Small and compact for ideal portability
- Provides unprecedented germ kill in every milliliter¹
- Exclusive NEW design makes it simple for anyone to use
- Perfect for HCWs on the go
- SANITARY SEALED™, durable packaging that withstands sterilization process² – for inclusion in sterile medical kits
- Compact size for ideal compatibility in any size/type kit



PURELL® PERSONAL PACK SANITIZING WIPES

- 36 wipes per pack to last an average patient stay
- Easy to open and reseal
- 5.5 x 7 inch textured wipes
- Cleans, sanitizes and remove light soil from hands



PURELL SANITIZING HAND WIPES

- Individually wrapped – leave with meal tray or at bedside
- Ideal for a patient meal tray program to encourage patients to clean and sanitize their hands before and after they eat



PURELL® HAND SANITIZER PERSONAL SIZE BOTTLES

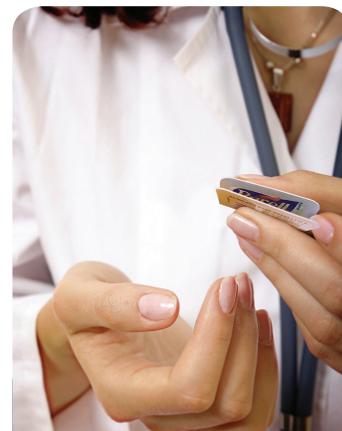
- Convenient sizes for admission kits and bedside tables
- Gentle formulas that people will want to use
- Brand people know and trust



PATIENT HAND HYGIENE EDUCATION

To advance the importance of hand hygiene with patients GOJO has a variety of patient focused educational tools that healthcare facilities can access for free at GOJOCanada.ca/education. These tools help educate patients on why, when and how to practice good hand hygiene.

Description	Order Number	Case Pack
PURELL Advanced Hand Rub Single Use * Fragrance free		
1.2 mL Single Use Packets	9620-2M-CAN	2000/Case
PURELL® Personal Pack Sanitizing Wipes		
36 Count	9036-24	24
PURELL® Sanitizing Hand Wipes		
100 ct. Carton	9022-10-CAN00	100
1000 ct. Packed Shipper	9021-1M-CAN00	1000
PURELL Hand Rub: Personal Size Bottles		
PURELL Advanced Moisturizing Foam Hand Rub 45 mL Foam Pump Bottle	5695-24-CAN00	24
PURELL Advanced Foam Hand Rub 45 mL Foam Pump Bottle	5691-24-CAN00	24
PURELL Advanced Hand Rub 59 mL Gel Flip Cap Bottle	9650-24-CAN	24



Healthcare workers' hand hygiene practices can be significantly improved with easy access to hand hygiene products. PURELL Advanced Hand Rub Single Use packets are great at the Point of Care or when HCWs are on the go!

Learn more

Thinking about a change to your hand hygiene program?



Check out this new peer-to-peer resource guide for transitioning to new hand hygiene products:
http://www.baycrest.org/wp-content/uploads/HCE-PROG-HH_HighQuality.pdf

Citations:
1. Macinga et al. Efficacy of novel alcohol-based hand rub products at typical in-use volumes. Infect Control Hosp Epidemiol. 2013;34:299-301. 92% of product released required from PURELL Hand Sanitizer Single Use 1.2 mL package. / 92 % de produit libéré requis de PURELL Antiseptique pour les mains en un emballage à usage unique de 1,2 mL.
2. 2X ETO Sterilization Process / 2X le processus de stérilisation à l'oxyde d'éthylène