



FREQUENTLY ASKED QUESTIONS

SafeHaven® Personal Hand Hygiene Monitoring System

How does GP PRO's SafeHaven® system help healthcare facilities drive and sustain hand hygiene compliance improvement?

The SafeHaven system focuses on empowering clinicians, combining a personal wearable sanitizing device (dispenser) with meaningful positive feedback at the point of care. Healthcare associates wear the SafeHaven device on their uniform, allowing them to perform hand hygiene anytime and anywhere while supporting continuous patient care and uninterrupted workflow. The convenience of the personal device helps transform hand hygiene so it can become second nature. The system is designed to be a positive measurement tool that can be used to manage hand hygiene performance based on an hourly goal rate during patient care activities. And personalized real-time data equips clinicians and leadership with continuous awareness of hand hygiene performance and compliance.

How does SafeHaven automated hand hygiene monitoring compare to other electronic hand hygiene monitoring systems on the market?

In its current form, the SafeHaven smart sanitizer system is an independent GP PRO innovation that can stand alone or complement any compliance monitoring system available in the market today. Unlike most systems which measure entry and exit hand hygiene events, the SafeHaven system's dispensing devices are available for use at the point of care and captures hand hygiene events that occur at the bedside ... such as moving from a contaminated site to a clean site, or before an aseptic procedure with activities such as starting an IV, administering medications or inserting a catheter. Sanitizing is available where you need it and when you need it, with positive performance feedback that can be incorporated into any hand hygiene program.

The SafeHaven system was developed to help overcome key challenges with wall-mount systems, including interruption to workflow and complexity of installation. It is an evolutionary extension of GP PRO's efforts in hand hygiene, and we will continue to work with other providers with alternative options.

Exactly how is hand hygiene compliance data collected and reported using the SafeHaven system?

Every time you use the device, the dispense count on your device LCD should increase. Multiple uses within a 20 second window are counted as a single credit. When a device is within 30-40 feet of the dashboard, data upload occurs within seconds without any effort from the device user.

Can SafeHaven be used in different environments (hospitals, home health, etc.)?

Yes. The SafeHaven system consists of only 2 components (personal device and base station) and can be used in array of different environments due to its portable nature.

Have there been studies published on the SafeHaven Personal Hand Hygiene Monitoring System?

Yes. Published clinical trials of early versions of the system have demonstrated that a personal hand hygiene system improves hand hygiene frequency and patient outcomes by reducing the transmission of pathogens and instances of hospital acquired infections. Links to the published clinical studies on the early versions of the system and related personal hand hygiene devices are listed for reference:

- [Reduction in intraoperative bacterial contamination of peripheral IV tubing through the use of a novel device](#) (Anesthesiology 2009, Vol.110, 978-985. doi: 10.1097/ALN.0b013e3181a06ec3) – OPEN ACCESS
- [Reducing Perioperative Infection Is as Simple as Washing Your Hands](#) (Anesthesiology May 2009, Vol. 110, 959-960. doi:/10.1097/ALN.0b013e3181a06ee8) – OPEN ACCESS

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- [Reduction in VAP in a mixed ICU after initiation of a novel hand hygiene program](#) (Journal of Critical Care 2011 Vol. 26, 489-495. doi: 10.1016/j.jcrc.2010.12.013)
- [Frequency of Hand Decontamination of Intraoperative Providers and Reduction of Postoperative Healthcare-Associated Infections: A Randomized Clinical Trial of a Novel Hand Hygiene System](#) (Infection Control & Hospital Epidemiology 2016, Vol. 37, 888-895. doi:10.1017/ice.2016.106)
- [SHEA Expert Guidance: Infection prevention in the operating room anesthesia work area](#) (Infection Control & Hospital Epidemiology 2019, Vol. 40 1-17. doi: 10.1017/ice.2018.303) - OPEN ACCESS

How do wearable personal hand hygiene devices help clinicians maintain best practices and compliance?

Not only does using a personal device save time, but it makes hand sanitizing possible where before it may have been impractical. No longer are you required to locate a wall-mounted dispenser to sanitize hands. The personal device can help make hand sanitizing a second-nature habit that can be done anytime, anywhere without interruption to workflow.

What do authoritative bodies such as SHEA and CDC recommend about personal hand sanitizer?

- The **CDC Guideline for Hand Hygiene in Health-Care Settings, (2002)**, (Category 1A) recommends that healthcare facilities make alcohol-based hand rub available in individual pocket-sized containers to be carried by HCWs.*
- Expert guidance from the Society for Healthcare Epidemiology (SHEA), **SHEA Expert Guidance: Infection prevention in the operating room anesthesia work area (2018)**, recommends the use of a personal devices with alcohol-based hand rubs (ABHR)
- **World Health Organization Guidelines for Hand Hygiene in Healthcare (2009)** section 23.5.3.3, “Individual, portable dispensers are ideal if combined with wall-mounted dispensing systems, to increase point-of-care access and enable use in units where wall-mounted dispensers should be avoided or cannot be installed.”

Approximately how often do clinicians need to replace hand sanitizer cartridges within their SafeHaven devices?

A busy clinician can expect to go through 1 to 3 cartridges per day, depending on several factors: setting, position, acuity, etc.

What does the implementation process look like?

System implementation can be as easy as 1-2-3 with no wires to run, no sensors to install, and no infrastructure to set up: (1) Plug base station into electricity and connect it to the internet, (2) Activate SafeHaven devices and let clinicians start performing hand hygiene, and (3) Data uploads automatically to the base station and online reporting.

Are there any upfront costs?

The SafeHaven system does not require upfront costs unless the customer would like to explore this as a pricing option.



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