



Elevating Hand Hygiene From Policy to Practice with Visible, Measurable Impact

Challenge

A major hospital was struggling with low hand hygiene compliance and experiencing elevated rates of healthcare associated infections (HAIs). Leadership recognized that staff were losing discipline around hand hygiene protocols, and there was an urgent need to reduce cross-contamination, elevate overall safety standards, and reestablish the importance of hand hygiene. When expanding hand hygiene protocols into the specialty clinics, the facility also faced concerns from labor unions, who questioned whether the technology would be used in a punitive manner. Addressing both operational and cultural challenges was critical to driving meaningful improvement.

Solution

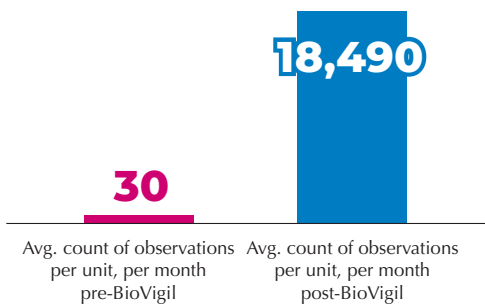
The hospital partnered with BioVigil to implement a data-driven electronic hand hygiene monitoring system. The rollout began in acute care units, where BioVigil's smart badge technology, real-time reminders, and room-level protocol configuration helped dramatically improve compliance and infection control. As results became evident, the program expanded into specialty clinics.

To ensure broad support, BioVigil worked closely with the hospital's Infection Prevention team, who successfully engaged union representatives by emphasizing the system's role in protecting both patients and staff. They also explained that the data would be anonymized—ensuring individual names were not visible to managers—so the program could never be used in a punitive manner. The initiative gained traction, and the hospital codified its commitment by integrating BioVigil's hand hygiene protocols into its official employee handbook—making compliance an organizational standard.

Results

Measurable improvement was realized quickly after BioVigil’s implementation and continued to build throughout the first year. What began as a targeted effort in acute care evolved into a hospital-wide transformation, driven by data, staff engagement, and leadership commitment. In addition to the improved performance data, the hospital also received positive feedback from patients who appreciated the visible badge indicators—reassuring them that caregivers were following proper hand hygiene protocols. The results below reflect the powerful impact of sustained hand hygiene compliance and enhanced infection prevention practices:

Hand Hygiene Observations Captured



Number of Cross-Contamination Events Prevented in the 1st Year using BioVigil:



10,693

1 Year post-BioVigil HAI Reduction %

	C.Diff ↓	77.8%
	CLABSI ↓	33.33%
	CAUTI ↓	25%

Hand Hygiene Compliance Rates

Average compliance Pre-BioVigil

30%

Average compliance 1 Year Post-BioVigil

89.6%



Take the First Step Toward a Safer Healthcare Environment

BioVigil empowers your team to elevate infection prevention through real-time reminders, visible accountability, and seamless integration into daily workflows. Create peace of mind for patients, protect your staff, and build a culture of safety that lasts.

Contact us today at 888-611-0131 or email marketing@BioVigil.com to learn more.