



Overview

North West Ambulance Service (NWAS) provides critical emergency care and patient transport across a vast and diverse geographical region, ensuring public safety through rigorous hygiene protocols. Given the nature of their work, ambulance crews frequently encounter environments where exposure to infectious diseases is a significant risk. Ensuring cleanliness and infection control is **vital for protecting patients and frontline responders**. Ambulance staff face high-risk exposure, requiring strict sanitation. *Traditional methods can be time-consuming and require multiple products.* **NWAS aimed for an efficient, all-in-one solution to streamline hygiene and ensure effective disinfection.**

In 2024, NWAS conducted a comprehensive pilot of SANI-99™ disinfectant wet wipes, evaluating their **effectiveness in infection control**, **ease of use**, and **operational efficiency**. The pilot aimed to determine whether SANI-99™ could enhance hygiene practices, reduce the need for multiple cleaning products, and improve workflow efficiency. The results of this pilot provide valuable insights into the product's *real-world performance* in high-pressure ambulance service settings, **highlighting its potential role in improving infection prevention measures across emergency medical operations.**



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North West Ambulance Service Case Study:

Evaluating the Effectiveness of SANI-99™ Disinfectant Wet Wipes

The Objectives

The primary goals of the trial included:

- **Evaluating Effectiveness:** Assessing how well SANI-99™ wipes disinfect surfaces and hands in emergency settings.
- **Ease of Use:** Understanding whether staff found the wipes convenient and practical in fast-paced environments.
- **Cost Efficiency:** Determining if SANI-99™ wipes reduced the need for multiple disinfection products.
- **User Experience & Safety:** Ensuring the wipes were skin-friendly and left no harmful residues on surfaces.

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The Solution

During the pilot, SANI-99™ disinfectant wipes were used in multiple scenarios, including:

- **Surface Disinfection in Ambulances:** Cleaning interior surfaces to maintain hygiene between patient transports.
- **Hand Sanitation Before Patient Contact:** Ensuring staff had sanitized hands before interaction.
- **Hand Sanitation After Patient Contact:** Reducing the risk of cross-contamination.
- **Equipment Disinfection:** Wiping down medical devices and frequently used tools.
- **High-Touch Area Cleaning:** Disinfecting door handles, control panels, and seat belts to prevent microbial transmission.

"Compared to other disinfection products, SANI-99™ wipes were more effective, dried faster, and were better tolerated by skin. Staff found them convenient, easy to access, and practical for use in fast-paced environments."



The Results

The NWAS trial demonstrated that SANI-99™ wipes provided effective, convenient, and safe disinfection in demanding medical environments. Staff reported that the wipes were quick-drying, easy to use, and well-suited for frequent hand sanitation and surface cleaning. They were preferred compared to previous products, offering better skin compatibility, no residue, and faster drying times.

Performance Insights

- **Effectiveness:** SANI-99™ wipes effectively reduced microbial presence on hands and surfaces, supporting high hygiene standards in emergency settings.
- **Ease of Use:** Staff found the wipes easy to access, quick-drying, and convenient—ideal for fast-paced use without needing additional products.
- **Specific Outcomes:** The pilot reported cleaner surfaces, fewer supplementary disinfectants needed, and better hygiene compliance among staff.



SANI-99™ wipes deliver effective, eco-friendly disinfection. Made from biodegradable, plant-based materials and free from plastic, they minimise environmental impact without compromising hygiene.

The NWAS pilot confirmed SANI-99™ wipes as an effective, easy-to-use infection control solution, offering strong efficacy and operational benefits in demanding environments.



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Testimonial

"SANI-99™ wet wipes have proven to be an excellent solution for our hygiene protocols at North West Ambulance Service. Throughout the pilot, our teams found them highly effective for both surface disinfection and hand hygiene. The wipes were convenient to use, quick-drying, and left no residue, making them ideal for our fast-paced environment. Staff appreciated their skin-friendly formulation, allowing for frequent use without irritation. Overall, SANI-99™ provided a reliable and efficient solution, and we would highly recommend them to other emergency response teams looking to enhance hygiene standards."

Kristoffer Fairhurst, North West Ambulance Service