

# clinell®

## Universal Range

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The NHS's no.1 choice  
for one-step cleaning  
and disinfection



# Patented formulation

## Trusted for over a decade

Used in 9 out of 10 hospitals in the UK, Clinell Universal has cleaned, disinfected and protected people against healthcare-associated infections (HCAIs) since their introduction in 2006.

Kills

**>99.99%**  
of hospital  
pathogens

Effective against

**bacteria, viruses<sup>†</sup>,  
mycobacteria  
and yeast**



Tested under **dirty**  
conditions to simulate  
non-precleaned surfaces

Compatible with  
**plastics,  
rubbers  
& metals**



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# Prioritising prevention

## Infection prevention is a global priority.

With the combined global threat of antimicrobial resistance<sup>1</sup> and limited antibiotics, we must prioritise prevention to minimise the human and economic cost of infections.

The Department of Health & Social Care is calling for behavioural change in response to the global, growing threat of antimicrobial resistance (AMR); promoting correct and controlled use of antibiotics and employing a “strong focus on infection prevention and control” in its 5 year plan<sup>2</sup>.

Environmental decontamination, the removal of organic matter and microorganisms, improves IPC practices to reduce the risk of HCAs caused by pathogens living on surfaces.

Without diligent decontamination, microorganisms can live on surfaces for hours, even days<sup>3</sup>, and further the spread of infections.

Methicillin-resistant *Staphylococcus aureus*, a multi-drug resistant organism (MDRO) is found to survive on surfaces for 12 days<sup>3</sup>. However, MDROs aren't exclusive to bacteria, *Candida auris*, a fungal infection, presents a new risk to patients and workers in healthcare.


### Outbreak economics

One carbapenemase-producing *Enterobacterales* (CPE) outbreak cost €1.1m (£0.96m) over 10 months across three hospitals in West London<sup>4</sup>.

Affecting patients and healthcare workers, HCAs increase costs associated with:

- Length of stay
- Patient isolation
- Outpatient and community care
- Intensive care
- Increased screening
- NHS staff absence

Preventing HCAs will reduce their clinical and economic impact on the NHS.



HCAs cost  
**£2.7 billion**  
in NHS England  
alone<sup>5</sup>

# Universal protection

## A patented idea.

Before Clinell Universal Wipes, cleaning and disinfection were separate steps. Two NHS doctors unpicked this frustration and created Clinell Universal Wipes, the first combined detergent-disinfectant used in the NHS.

GAMA Healthcare drives scientific innovation within infection prevention and control. With a portfolio spanning surface hygiene, skin disinfection, air purification and patient isolation, we create products that prevent infections to save and improve lives.

Our products are designed to work. That's why we test under real world conditions, contact times and echo our laboratory testing in peer-reviewed clinical studies. Used in 9 out of 10 NHS hospitals, Clinell Universal Wipes are clinically tested and evidenced to clean and disinfect in a single step, killing pathogens before they can cause infection.

Easy to use



Broad antimicrobial activity



Effective from 10 seconds



No pre-cleaning required



Compatible with surfaces





clinell®



# Routine decontamination

## Cleaning, disinfection and protection between each patient.

Clinell Universal Wipes are tried, tested and trusted in healthcare across the UK.



### Broad spectrum protection

Clinically proven to reduce surface contamination by >99.99%, Clinell Universal Wipes produce a fully bactericidal 99.999% kill rate and are effective against viruses<sup>†</sup>, yeast & MDROs including methicillin-resistant *Staphylococcus aureus* (MRSA).



### Damage free disinfection

With exceptional material compatibility, safe for plastics, rubbers and metals; Clinell Universal Wipes are suitable for the disinfection and cleaning of non-invasive medical devices – without the damage.



### Evidenced HCAI reduction

A bank of clinical evidence shows how adopting Clinell Universal Wipes into practice: improves environmental decontamination compliance<sup>6</sup>, reduces microbial contamination<sup>7</sup>, and reduces HCAI acquisitions<sup>8</sup>.



### Complete compliance support

No dilution errors, no additional products and no wasted time<sup>9</sup>: Clinell Universal conveniently combines two processes into one product, making infection prevention excellence quick and easy.

# Antimicrobial efficacy

## Purposefully tested in simulated real-world conditions.

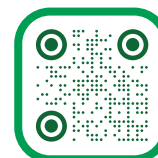
To give an accurate insight into clinical performance, we test the liquid squeezed from a wipe under dirty conditions.

In real life, cleaning and disinfection are undertaken in the presence of organic matter and dirt. Conducting efficacy testing in clean conditions can detract from the true performance of a disinfectant, so efficacy claims should be looked at carefully.

Clinell Universal Wipes' patented formulation has been rigorously tested against EN Standards under dirty conditions to simulate real world conditions and contact times. We test using 'wipe eluate', the liquid squeezed from the wipe, to give an insight into true clinical performance.

	Microorganism example	Contact time	EN test	Liquid sample	Conditions
<b>Gram-negative bacteria</b>	<i>Acinetobacter baumannii</i>	10 sec	EN13727	Wipe eluate	Dirty
	<i>Escherichia coli</i>	10 sec	EN13727	Wipe eluate	Dirty
	<i>Klebsiella pneumoniae</i> (CPE)	10 sec	EN13727	Wipe eluate	Dirty
	<i>Pseudomonas aeruginosa</i>	10 sec	EN13727	Wipe eluate	Dirty
<b>Gram-positive bacteria</b>	<i>Enterococcus hirae</i>	10 sec	EN13727	Wipe eluate	Dirty
	<i>Staphylococcus aureus</i> (MRSA)	10 sec	EN13727	Wipe eluate	Dirty
	<i>Staphylococcus capitis</i>	10 sec	EN13727	Wipe eluate	Dirty
	<i>Enterococcus faecium</i> (VRE)	10 sec	EN13727	Wipe eluate	Dirty
<b>Mycobacteria</b>	<i>Mycobacterium bovis</i>	2 min	EN14348	Wipe eluate	Dirty
<b>Non-enveloped viruses</b>	Adenovirus	1 min	EN14476	Wipe eluate	Dirty
	Norovirus	1 min	EN14476	Wipe eluate	Dirty
	Rotavirus	1 min	EN14476	Wipe eluate	Dirty
	HIV	30 sec	EN14476	Wipe eluate	Dirty
	Hepatitis C	1 min	EN14476	Wipe eluate	Dirty
	SARS-CoV-2	30 sec	EN14476	Wipe eluate	Dirty
	Vaccinia virus	15 sec	EN14476	Wipe eluate	Dirty
	Influenza (H5N1)	30 sec	EN14476	Wipe eluate	Dirty
	Influenza (H1N1, H3N2)	2 min	EN14476	Wipe eluate	Dirty
<b>Yeast</b>	<i>Candida albicans</i>	10 sec	EN16615	Wipe eluate	Dirty
	<i>Candida auris</i>	10 sec	EN13624	Wipe eluate	Dirty

Condensed efficacy data for Clinell Universal Wipes. Efficacy testing has been completed for 50 microorganisms.



Scan the QR code to view Clinell Universal's full efficacy data.



# Clinical evidence

## The advantages of wipes.

A clinically effective alternative to two-step protocols<sup>10</sup>, Clinell Universal Wipes improve environmental decontamination compliance<sup>11</sup> and adherence to protocols<sup>12</sup>.

Clinell Universal Wipes are formulated and engineered to maximise disinfection and minimise effort. Loaded into a dispenser at the point of use, they can be applied to surfaces straight from the pack. No dilutions, no preparation, no problems.

Wipes provide advantages over solution-cloth disinfectants. When applied to a cloth or 'substrate', biocides can be adsorbed onto the material.

Poorly engineered wipes and cloths can strongly adsorb active ingredients and make disinfection efforts ineffective<sup>13</sup>.

Most laboratory efficacy tests don't consider the roles of substrate and application in real-world performance, that's why Clinell Universal Wipes have been evidenced in practice through peer-reviewed clinical research.



# Clinical evidence

## Cost effective

Saves product expenditure and costs associated with HCAIs, Clinell Universal Wipes prevent transmission of pathogens including MDROs.

VRE contamination by

▼ **97%**

Chang *et al. IPS.* 2017.

## Time saving

Adopting Clinell Universal Wipes and protocols with the support of GAMA's IPC Nurse Trainers & Clinical Educators saves time for every item decontaminated.

Time to decontaminate per item

▼ **>5 min**

Shepherd *et al. J Infect Prev.* 2020;21(6):241-246.

## Enhanced compliance

Increasing product availability at the point of use, along with training and auditing, promotes use and compliance with local policy.

Environmental decontamination compliance by

▲ **66%**


Jenkins *et al. J Clin Audit.* 2012;4(3)

## Infection acquisition rates

Clinell Universal Wipes more than halved MRSA acquisitions in Queen Elizabeth University Hospital Birmingham, a large teaching hospital in the UK.

This significant reduction was achieved by replacing a two-step cleaning and disinfection process with the adoption of a combined detergent and disinfectant, Clinell Universal Wipes.

**55%**  
reduction in MRSA  
with Clinell  
Universal Wipes<sup>8</sup>






# Product comparison

Developed and manufactured by GAMA Healthcare, the Clinell product range is the gold-standard in environmental decontamination.

Combining innovative technology with ease of use, the Clinell range offers a complete solution for routine, enhanced and complete disinfection. Each product is supported and verified by solid clinical evidence. Introducing Clinell Universal Wipes resulted in a 55% reduction in MRSA acquisitions<sup>8</sup>.

Clinell Peracetic Acid Wipes produced a 72% reduction in Clostridioides difficile infections<sup>15</sup> and Violet by Clinell provides protection from MDROs 5x faster than other UV devices<sup>16</sup>.

	Protection against common HCAI-causing pathogens	Targeting high-risk & hard-to-kill pathogens	Advancing manual cleaning with UV-C technology
			
	Clinell Universal Wipes	Clinell Peracetic Acid Wipes	Violet by Clinell
Use			
Routine between patients	✓		
Outbreak preventing & resolving	✓	✓	✓
Terminal cleaning	✓	✓	✓
Performance			
Cleaning	✓	✓	
Disinfecting	✓	✓	✓
Effective in dirty conditions	✓	✓	✓*
Efficacy			
Clinically proven to reduce MDROs	✓	✓	✓
Kills >99.999% of bacteria	✓	✓	✓
Kills > 99.99% of viruses†	✓	✓	✓
Kills >99.99% of yeast	✓	✓	✓
Kills >99.99% of bacterial spores		✓	✓
Kills >99.99% of fungi & dry surface biofilms		✓	
Contact time			
Effective from 10 seconds	✓	✓	

# Clinical education

## Unbeatable support.

Developed in collaboration with leading infection prevention experts, our award-winning aftersales support is proven to improve staff decontamination capability ( $P < 0.0001$ ) and significantly reduce the time taken to clean ( $P < 0.0001$ )<sup>6</sup>.

Our specialist IPC Nurse Trainers & Clinical Educators provide on-ward training to NHS Trusts and healthcare organisations.

Every element of face-to-face training can be tailored to create a bespoke package suited to your needs, including the implementation of our Clinell Training Package.

Educating healthcare workers, digitally, the Clinell interactive training package is complete with customisable sessions and the most up-to-date evidence. Integrated audit tools can be used to identify problem areas within your trust, so training can be delivered where it's needed most.

**100%** of staff felt training would improve their practice.

A total of **182** training days.



Trained over **32,000** staff.

**gama**  
healthcare

**96%**

of staff agree training would make a difference to what they do in the future.



**98%**  
of staff we surveyed said:

“**Training will make things safer for patients**”

“GAMA Healthcare provided an excellent service and their organisation-wide training programme is especially commendable.”

Natalie Vaughan, Clinical Lead Infection Prevention & Control, Nottingham University Hospitals

# How to use

## How to use Clinell Universal Wipes



Wash or decontaminate your hands and put on PPE (risk assessment to ensure appropriate PPE is worn, as per local protocol).



Remove one wipe from the pack.



Working from top to bottom, clean to dirty, wipe in an 'S' shaped pattern.



Should your wipe dry out or become soiled, replace it with a new wipe. Let the surface air dry.

### The following equipment should be regularly decontaminated with Clinell Universal Wipes as per local protocol / policy.

(Examples of use - this is not an exhaustive list)

- Ultrasound transducers
- Pulse oximeter probes
- Doppler probes
- Stethoscopes
- ECG machines
- Incubators
- Blood pressure machines
- Radiology equipment
- Blood pressure cuffs
- Monitors
- Mattresses



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Scan for more information

† Enveloped viruses.

**CE 0050** Class IIa Medical Device

Use disinfectants safely.  
Always read the label and product information before use.

Always follow medical equipment manufacturer's cleaning procedures and guidelines.

JBN220754

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