# Enhancing Safety in Healthcare using UV222





uv medico



## A letter from our expert



Christian Holm, Professor in Infection & Immunology at Aarhus University (Denmark) and CEO of UV Medico.

Far-UVC technology, specifically UV222, revolutionizes infection control from patient transport to hospital environments. UV Medico's UV222 enhances microbial decontamination within ambulances, ensuring a safer journey by inactivating pathogens in real-time.

Upon arrival at the hospital, UV222 continues to maintain stringent hygiene standards in critical areas such as emergency rooms and ICUs. Its 222 nm wavelength is safe for human exposure, offering continuous air and surface decontamination without compromising patient or personnel safety.

By integrating UV222, healthcare settings can improve air quality and reduce microbial load, fostering a safer environment for all. Embrace this innovative approach to bolster your infection control strategies.

# Ambulance

#### Challenge:

Maintaining a sterile environment within the confined space of an ambulance.

#### **Solution and Impact:**

The UV222 Ambulance module provides continuous, onthe-spot pathogen reduction, ensuring an unparalleled level of cleanliness, safeguarding both first responders and patients with cutting-edge, science-backed protection.

#### Read more on pages 4 - 9.

# **High-Traffic Areas**

#### Challenge:

High-traffic areas, such as receptions and waiting rooms face a constant challenge of maintaining a contaminationfree environment safeguarding both patients and staff.

#### **Solution and Impact:**

The UV222<sup>™</sup> module enhances indoor air quality by significantly reducing pathogens such as virus, mold and even antibiotic resistant bacteria, providing a reliable option for maintaining stringent cleanliness standards across multiple facilities.

Read more on pages 10 - 13.

# **Operating Theatres**

#### Challenge:

Surgical Site Infection (SSIs) in operating theatres pose a significant risk to patient safety and surgical outcomes.

#### Solution and Impact:

The UV222 Linear system mitigates patient risk by significantly reducing microbial load in operating theatres during surgery. The module decontaminates air and surfaces without compromising the safety of patients and medical staff.

Read more on pages 14 - 17.

# **Hospital Rooms**

#### Challenge:

Hospital rooms and emergency areas face the constant challenge of maintaining a contamination-free environment, particularly with pathogens that are resistant to conventional cleaning methods and disinfectants.

#### **Solution and Impact:**

The Vertex 222 is designed to maximize coverage in hospital rooms, and ensure a high level of decontamination, enhancing overall patient safety by reducing the presence of harmful pathogens and minimizing the risk of hospital-acquired infections (HAIs).

Read more on pages 18 - 23.

# Ambulance

#### **Enhancing Ambulance Infection Control**

UV222 represents a significant advancement in infection control during ambulance transport. Operating at the 222 nm wavelength, UV222 inactivates airborne and surface pathogens in real-time, ensuring a continuously decontaminated environment that protects both patients and healthcare personnel even during transport.

#### **Key Benefits of UV222**

- Seamless Integration: UV222 can be installed in various locations within the ambulance, such as side panels, top panels, and corners, without hindering emergency operations.
- Continuous Protection: These systems provide ongoing decontamination, effectively neutralizing microorganisms during patient transport and between patient transfers, thereby significantly reducing the risk of cross-contamination.
- **Compact Design:** With a compact form factor, our UV222 lamps fit easily within the confined spaces of an ambulance, maintaining the operational efficiency necessary for emergency medical services.
- **Mercury-Free Technology:** Utilizing advanced, mercury-free Krypton-Chloride excimer lamps, UV222 meets contemporary environmental and health safety standards.

The integration of Far-UVC technology, specifically UV222 within ambulance services enhances infection control protocols, ensuring a higher standard of patient care and increased safety for healthcare workers during transport and between subsequent patients. This proactive approach underscores the importance of adopting innovative solutions to meet the evolving challenges in healthcare and emergency medical services.



# **UV222 Ambulance**

The UV222 Ambulance represents our solution for seamlessly integrating Far-UVC technology into ambulances. Created for direct mounting inside the rear cabin, it can be placed on side panels, top panels or other suitable locations based on specific requirements, so that it does not interfere with the work of emergency care personnel.



These lamps are designed to continuously inactivate microorganisms, providing protection for both emergency care personnel and patients. This protection is effective both between patients and during ambulance operation, creating a safer environment for everyone involved in emergency care.

We offer customised solutions tailored to the requirements of specific manufacturers.

#### **Key Features:**

Learn more about the UV222 Ambulance here:

**Optimal Wavelength:** Utilizes 222 nm light for effective sanitization. **Flexible Installation:** Designed for direct setup on surfaces like walls and ceilings in rear cabin. **Customizable Operation:** Continuous operation, duty-cycling and presence detection.





# **UV222 Ambulance Slim**

The UV222 Ambulance Slim is designed as a solution for the ambulance driver cabin. These lamps are designed to continuously inactivate microorganisms, providing protection for emergency care personnel.

# Difference between UV222 Ambulance and Ambulance Slim

The Ambulance Slim model offers distinct advantages over its counterpart, primarily through its compact and versatile dimensions of 160 mm x 60 mm x 25 mm, which facilitate seamless integration into confined spaces such as front cabins of ambulances, public transportation systems or even headboards in hospital rooms.

The smaller physical dimensions is reflected in the lower output power making it effective for decontamination in areas with limited space. The Slim model is optimized for environments that require a smaller footprint without compromising on safety. Utilizing advanced Far-UVC KrCl excimer lamps, this model ensures continuous, safe inactivation of microorganisms.

**Key Features:** Optimal Wavelength: Utilizes 222 nm light for effective sanitization. Flexible Installation: Designed for direct setup in ambulance driver cabin. Customizable Operation: Continuous operation, duty-cycling and presence detection. Learn more about the Ambulance Slim here:

Uvmedico



# Study-Backed Efficacy for UV222 in Ambulances

The effectiveness of our UV222 lamps in ambulances is substantiated by compelling lab research, a study performed in collaboration with Aarhus University, Denmark. This research highlights the lamps' ability to dramatically reduce the presence of pathogens, securing a safer environment for both healthcare workers and patients. Here are some crucial insights from the study:

**Proven Efficacy:** The UV222 lamps showed a remarkable reduction in microbial load, decreasing pathogen presence significantly on various high touch surfaces.

**Safe Operation:** The study confirmed that the lamps operate safely around humans, utilizing a Far-UVC light at 222 nm which does not penetrate human skin or eyes, ensuring it poses no health risks during operation.

**Broad-Spectrum Decontamination:** Results indicated that UV222 effectively neutralizes a variety of pathogens.

**Seamless Integration:** The installation of UV222 lamps was executed without disrupting the normal functions of the ambulance service, showcasing the practicality and adaptability of this technology in critical healthcare settings.

For more comprehensive insights into the installation process and its benefits, you can access the full study here.







Figure 1: A) and B) photos demonstrating where the UV222 lamp is installed in the cabin. C and D) Simulation of light intensity in the cabin with the placement indicated in A and B (units in µW).

> UV222<sup>™</sup> Report: Installation in Ambulance





# How to Keep Ambulances Decontaminated with Far-UVC

Ambulances are crucial in providing immediate medical care and transporting patients to healthcare facilities. Enhancing microbial decontamination within ambulances, ensures a safer journey for everyone.

#### **Challenges in Ambulance Environments**

Microbial contamination in ambulances poses significant health risks, given their constant use. Contaminated surfaces can lead to Healthcare-Associated Infections (HAIs), which are particularly dangerous for critically ill or injured patients. For staff, repeated exposure to pathogens increases the risk of illness, downtime, and reduced workforce efficiency.



#### **The Impact of Far-UVC**

- Utilizing Far-UVC for decontamination offers a highly effective solution for microbial challenges in ambulances.
- Far-UVC emits ultraviolet rays inactivating bacteria, viruses, and other pathogens by breaking down their DNA and RNA.
- Far-UVC provides a safe option for continuous use in occupied areas, making it an ideal choice for ambulances.



# **Compliance with Regulatory Standards in Ambulance Services**

Regulatory standards emphasize the need for rigorous cleaning and decontamination in ambulances.

### Ensuring Safe Environments for Patients and Personnel

Guidelines set by healthcare authorities outline specific procedures for decontaminating emergency vehicles. Adhering to these standards helps ensure that ambulances remain safe workspaces for medical personnel and secure transport options for patients.

### Enhance Overall Compliance with Far-UVC

Common cleaning methods may not always be sufficient to eliminate all harmful pathogens. Thus, integrating effective decontamination methods like UV222 complimenting the existing measures, can enhance overall compliance with stringent hygiene protocols.



# **High-Traffic Areas**

#### **Mitigating Contamination Challenges in High-Traffic Areas**

UV222 offers a safe and effective solution for improving air and surface decontamination in high-traffic areas such as waiting rooms and receptions. It enhances indoor air quality by significantly reducing pathogens and is engineered to be safe for human presence during operation, providing a reliable option for maintaining stringent cleanliness standards across multiple facilities.

#### **Key Benefits of UV222**

- **Improving Air Quality:** UV222 provide a safe and effective solution for air and surface disinfection in healthcare environments by significantly reducing pathogenic load.
- Human Safe UV222 Technology: Engineered to be safe for use in occupied spaces.
- Seamless Integration: UV222 can be installed in various high-traffic locations, ensuring seamless integration in healthcare settings.

Hospitals contain several areas where patients and visitors frequently gather, increasing the risk of crosscontamination and risk of passing on the infections. The installation of UV222 in these areas provide continuous inactivation of pathogens and effectively neutralizes airborne pathogens.



# **UV222**™

The UV222 lamp offers a safe and effective solution for improving air and surface decontamination in various high-traffic environments. It enhances indoor air quality by significantly reducing pathogens and is engineered to be safe for human presence during operation, providing a reliable option for maintaining stringent cleanliness standards across multiple facilities.

UV222 harnesses this game-changing technology, offering a highly effective solution for surface and air decontamination. It can be used in all spaces and is safe to use in the presence of people, making it an essential tool to prevent the spread of existing and emerging viruses and other potential infections.



#### **Key Features:**

**Optimal Wavelength:** Utilizes 222 nm light for effective sanitization. **Flexible Installation:** Designed for direct setup on surfaces like walls and ceilings. **Customizable Operation:** Continuous operation, duty-cycling and presence detection.. Learn more about the UV222<sup>™</sup> here:



# **Using Far-UVC to Improve Indoor Air Quality**

The healthcare industry is continuously striving to implement solutions that tackle main hospital hygiene challenges. Healthcare facilities must focus on cleanliness to prevent nosocomial infections avoiding further implications for patients, medical staff, and establishments.

#### **Combatting Airborne Pathogens to Protect Health and Well-being**

Airborne transmission of pathogens is a significant risk factor within healthcare facilities. UV222 effectively inactivates airborne pathogens, improving air guality and thereby reducing the risk of disease transmission between patients and staff.

A recent study\* shows Far-UVC light's effectiveness in real-world environments, reducing airborne viruses by over 99%. This technology was tested in an occupied room, and the results mirrored earlier lab studies, confirming Far-UVC's impact.

#### **Health Benefits:**

- 99.9% of pathogen inactivation, including SARS-CoV-2 and influenza virus.
- Continuous decontamination of both air and surfaces without the use of harmful chemicals. making it a safer and eco-friendly option.
- The ability to operate in occupied spaces, ensuring real-time decontamination without disruption.

### **Economic Benefits\*\*:**

- Offers a benefit-to-cost ratio of up to 290:1 in regular winter.
- 2.4 sick days are avoided per personal annually in normal winter.
- Net benefits amount to EUR 1,500 per person in normal winter.
- · Can easily be installed into existing buildings, achieving the CDC and ASHRAE target with low energy cost.\*\*\*



\*\*Reducing Indoor Infections: The Economic Potentia







# **Effect on Indoor Air Quality**

Airborne diseases constantly threaten public health, especially with the challenges posed by seasonal influenza and the COVID-19 pandemic. Combat these risks effectively by enhancing indoor air quality with the installation of UV222.

This innovative technology works tirelessly to reduce the airborne bioburden, creating a safer environment for all. The power of Far-UVC light at 222 nm is unparalleled in its ability to eliminate harmful bacteria, viruses, and fungi in the air. By proactively utilizing this germicidal effectiveness, you can take control of disease prevention and promote a healthier, safer space for everyone.

In a scientific study, a realistic implementation of Far-UVC light was found to provide 184 equivalent air changes (eACH), making it greatly effective against airborne pathogen contamination in hospitals\*.





# **Operating Theatres**

#### **Reducing Microbial Load in Operating Theatres**

Hospital-acquirted infection (HAI) including Surgical site infections (SSIs) in operating theatres pose a significant risk to patient safety and surgical outcomes. Maintaining a sterile environment in such high-stakes settings is challenging, as traditional cleaning methods may not be sufficient to ensure and maintain the required sterility levels.

### **Key Benefits of UV222**

- **Reducing Microbial Load:** Mitigates Hospital-acquired infection (HAI) challenges by incorporating UV222, which significantly reduces microbial load in operating theatres.
- **Seamless Integration:** At UV Medico we design for seamless integration with existing light fixtures and standalone units that does not interfere with the work of hospital personnel.
- **Safeguarding Patients and Medical Staff:** UV222 continuously decontaminates air and surfaces without compromising the safety of patients and medical staff.

UV222 effectively reduces the microbial load in the air and on surfaces. Implementing UV Medico's technology ensures continuous decontamination without needing intervention, allowing medical staff to continue their essential work uninterrupted.



# **UV222 Linear**

Minimize the risk of surgical site infections (SSIs). Designed for use in operating theatres, the UV222 Linear supports high cleanliness standards essential for sterile environments.

With its dual functionality it seamlessly integrate bright high efficiency visible lighting along with UV222 for disinfection. This plays a crucial role in minimizing surgical site infections (SSIs) risks by significantly reducing microbial load in the area.

This lamp offers a targeted approach to maintaining a contamination-free surgical setting, enhancing patient safety and surgical outcomes.

# Key Features: Optimal Wavelength: Utilizes 222 nm light for effective sanitization. Flexible Installation: Designed for operating theatres. Customizable Operation: Continuous operation, duty-cycling and presence detection.

**Durable and Efficient:** IP45 rated with minimal power consumption.

Learn more about the UV222 Linear here:

Calco Ca



# How Far-UVC Continuously Decontaminates Hospital Environments



Far-UVC is a powerful tool for decontaminating hospital environments. This invisible light works by targeting and destroying the DNA and RNA of pathogens, preventing them from multiplying.

Once exposed to Far-UVC, viruses and bacteria lose their ability to reproduce, meaning they cannot spread.

While harmful to pathogens, Far-UVC is safe for patients and staff in occupied locations when used within regulatory limits. This is one of its greatest advantages: it works continuously, both in empty and occupied spaces.

Once installed, it keeps decontaminating surfaces and the air, even with people in the room.

This feature is crucial in hospitals, where patients and staff are almost always present. Therefore, unlike traditional cleaning, which is performed at intervals, Far-UVC provides continuous protection against pathogens.

## Linear light for operating theatres

The UV222 Linear seamlessly integrates visible light and continuous air and surface decontamination. Designed for installation in operating theatres and various settings requiring the dual effect of visible and Far-UVC light at 222 nm.

In operating theatres, the UV222 Linear offers flexibility, suitable for being installed as a stand-alone unit or integrated with a Laminar Air Flow (LAF) system.

This integration ensures effective, chemical-free decontamination, serving as a powerful asset in maintaining the cleanliness and safety standards of modern surgical facilities, all without posing any risk to patients or medical staff.

#### **True and flicker-free colors**

Each UV222 Linear integrates effective decontamination modules and a powerful illumination system. The visible lights included in the system deliver potent white light for an enhanced visualization of the surgical field. The lights have a high color rendering index (CRI) of over 90 at the 4000K color temperature.

The flicker-free properties reduce the tiredness of surgeons and nurses and increase their productivity.

# **Hospital Rooms**

#### **High-Level Decontamination in Hospital Rooms and High-Risk Areas**

Hospital rooms face the challenge of maintaining a contamination-free environment to ensure patient safety. This is vital to prevent the spread of infections, particularly with pathogens that are resistant to conventional cleaning methods, disinfectants and antibiotics.

### **Key Benefits of UV222**

- Human Safe Far-UVC: Providing continuous, effective sanitization without harming human skin or eyes, and ensuring a high level of decontamination.
- **Versatile Integration:** UV222 is suitable for various hospital settings, enhancing overall patient safety especially in high-risk areas.
- **Highly Effective Solution for Microbial Challenges:** Mitigate the spread of infections, particularly with pathogens that are resistant to conventional cleaning methods, disinfectants and antibiotics.



# Vertex 222

The Vertex 222 model is designed to be either fixed or portable, making it easy to position in key locations within the desired area. The lamps utilize strategically positioned light sources to ensure uniform distribution of decontaminating Far-UVC light.

Used independently in corner locations or in combination with other UV222 solutions from UV Medico, the Vertex 222 provides a comprehensive approach to creating safer and healthier environments.

Whether you choose a fixed or portable model, Vertex 222 offers programmable modes and robust construction, ideal for various environments seeking a safer, cleaner space.



### **Key Features**

Optimal Wavelength: Utilizes 222 nm light for effective sanitization. Flexible Installation: Designed for corners, maximizing room coverage. Customizable Operation: Continuous operation, duty-cycling and presence detection. Durable and Efficient: IP65 rated with minimal power consumption. Learn more about the Vertex 222 here:



# **Advancement in Healthcare with Vertex 222 Lamps**

We are pleased to announce the first deployment of Vertex 222 lamps to the prestigious Military Medical City Hospital (MMC) in Doha, Qatar. This initiative marks a significant advancement in the ongoing efforts to enhance hospital cleanliness and infection control through the integration of state-of-the-art UV Medico technology: UV222.

#### **Unveiling the Vertex 222 Lamp**

Featuring groundbreaking Far-UVC technology, the Vertex 222 lamp operates at a wavelength of 222 nm. This particular wavelength is scientifically recognized for its germicidal properties, offering a potent solution for neutralizing a wide array of pathogens, including bacteria, viruses, and fungi, without compromising human safety.



#### **Ensuring Safety and Effectiveness**

The Vertex 222 lamp's utility in a hospital environment cannot be overstated. Given the paramount importance of maintaining sterile conditions in healthcare settings, the lamp's deployment addresses both airborne and surface-based microbial contaminants.

Its unique capability to operate in the presence of humans sets a new standard for continuous decontamination protocols, ensuring patient and staff safety with uninterrupted operation.

# A Sustainable Approach to Infection Control

Highlighting UV Medico's commitment to safety and cutting-edge technology, the introduction of the Vertex 222 lamp represents a significant stride towards sustainable and effective decontamination practices. By providing an alternative to chemical disinfectants, this technology underscores an eco-friendly approach to hospital sanitation, aligning with global efforts to reduce the environmental impact of healthcare operations.

#### Unwavering dedication to improving public health infrastructures

The introduction of the Vertex 222 lamps into a hospital environment is more than a milestone for UV Medico; it is a testament to our unwavering dedication to improving public health infrastructures through technological excellence. As we continue to explore new frontiers in healthcare technology, our focus remains on delivering solutions that safeguard health while advancing operational efficiencies in critical environments.

#### A Word from Mohammad Shatnawi - MD at UV Medico MENA

"We are beyond proud and elated to be part of this monumental step towards transforming hospital environments into sanctuaries of health and safety," Mohammad Shatnawi elaborates.

"Seeing the Vertex 222 lamps come to life in the Military Medical City Hospital in Doha not only reinforces our mission to deliver groundbreaking technologies but also fills us with immense joy and pride. It's more than just a business achievement; it's about making a tangible difference in the lives of people. We are excited to continue this journey, ensuring that every step we take is aimed at enhancing health outcomes and the overall wellbeing of communities we serve."



# **Combatting Mold with Advanced Far-UVC Solutions**

Mold spores can compromise indoor air quality, triggering a range of health issues from severe allergic reactions to life-threatening infections, particularly in hospital environments. Our latest research reveals that intermittent, low-dose applications of UV222 are surprisingly effective in halting mold growth, ensuring cleaner air while maintaining safe environments for human presence.

In our latest research project at UV Medico, we explored the efficacy of Far-UVC light at 222 nm (UV222) against these common spore-producing molds. Our findings revealed that even low intermittent doses of UV222 are potent enough to halt mold growth – a configuration that mirrors real-world use. This underscores UV222's potential to enhance indoor air quality and mitigate the threat of harmful fungal infections.

#### **Controlling the Test Environment for UV222**

Two robust, meticulously sealed boxes were constructed to harbor mold spores. Controlled environments were created inside them, complete with spore-producing mold donors and sterile recipient agar plates. A humidity level of 80% were maintained to ensure optimal conditions for spore dispersal and growth on the recipient plates.

The distinguishing feature between the two boxes was the installation of a UV222 lamp in one, emitting low-dose far-UVC light cycles.







#### **Providing a Safe Solution for Human Presence**

Traditional UVC light at 254 nm is well-known for its germicidal applications but it comes with a significant drawback – it is unsafe for human exposure. Hence, it is typically applied in high doses in environments devoid of humans or for purifying water. This sparked a demand for a solution safe for human presence, with UV222 as a promising candidate. Concluding this research, those low-dose cycles of UV222 light effectively kept the mold growth at bay.

#### **UV222 Enhancing Air Quality and Reducing Health Issues**

The WHO advises keeping indoor environments mold-free to avoid associated health risks. Our research shows that UV222 could be a game-changer. Not only for hospitals looking to dodge devastating fungal infections but for any building susceptible to mold infestations due to water leaks or high humidity, enhancing air quality and reducing health issues such as asthma and allergies.

Our research at UV Medico bridges the gap between groundbreaking academic research and real-world applications.

For more comprehensive insights, you can access the full study below.



Intermitted low-dose far-UVC irradiation inhibits growth of common mold below threshold limit value.



# **Far-UVC technology**

Far-UVC technology has recently emerged as an effective strategy for microbial control. The Far-UVC light at 222 nm exhibits strong antimicrobial properties and inactivates viruses, bacteria, and fungi by penetrating and destroying their DNA and RNA. This germicidal effect extends to microorganisms found in the air and on surfaces.



#### **Human Safe Solutions for Healthy Environment**

In contrast to conventional UVC light at 254 nm, UV222 light also remains safe to humans as the light has limited penetration into human skin nor eyes, because it is absorbed by the outermost cell-layers.

UV Medico develops Far-UVC solutions that can be used in the presence of people for the continuous decontamination of occupied spaces.





# **UV222 Safety**

It is well established that UV222 light is human safe because UV222 is greatly absorbed in proteins. This causes the light to be absorbed by the dead cells covering the outer layer of the skin, preventing the light from reaching living tissues. The light is also prevented from penetrating the eyes, as the light is absorbed by the outermost layer of the cornea that is covered by a protein-rich tear film. Illustrating its safety, ten minutes under the sun corresponds to four years of UV222 exposure.

Thus, UV222 can be used to continuously disinfect air and surfaces in occupied spaces. UV222 is recommended by The World Health Organization for preventing transmission of diseases.



Illustration of the human epidermis and light penetration. 254 nm light can penetrate and affect basal cells, while 222 nm UV light is absorbed by the surface layer.

\*Squamous cells are the thin flat cells that make up the epidermis or the outermost layer of the skin.

#### In compliance with:

#### International Standard

ISO 15858 UV-C Devices – Safety information – permissible human exposure.IEC 62471 Photobiological safety of lamps and lamps systems.

#### International Guidelines

ACGIH® TLV (Threshold Limit Values) & BEI (Biological Exposure Indices) for chemical substances and physical agents. ICNIRP: Guidelines on limits of exposure to UV radiation of wavelengths between 180 nm and 400 nm (incoherent optical radiation)" (2004)



# **More UV222 Products**



## **UV222 Downlight**

Mold spores and poor air quality present a significant issue in hospitals, posing serious health risks, particularly for immunocompromised patients.

The UV222 Downlight offers an advanced approach in decontamination for air and surfaces, as well as combating mold in hospital environments, utilizing mercury-free Far-UVC technology at 222 nm.





UV222 Step-On

Cleanroom personnel are following strict protocols and wearing specific protective equipment. Although shoes represent a small surface on the gowned personnel, they still represent a risk of contamination.

The UV222 Step-On is touchless, chemical-free, and a fast and effective way of decontaminating the entire outsole of the shoes, reaching areas inaccessible to sticky mats and wipes.



# UV222 Booth



Cleanrooms are spaces with a controlled level of contamination. They are designed to control and limit microbiological contamination when it represents a risk to product quality, patients, or consumers. Cleanrooms are necessary in many industries, and are subject to a strict monitoring of pollutants in air and surfaces. At the same time the main source of contaminations are the personnel entering into the cleanrooms.

Using filtered Far-UVC, which is safe for use in occupied spaces, the UV222 Booth offers operator decontamination in under 30 seconds and an advanced touchless operation interface with built-in safety parameters. The UV222 Booth is a revolutionary addition to current contamination control measures in cleanrooms. It eliminates any residual microorganisms present on protective equipment, ensuring a higher grade of cleanliness and a lower risk of product contamination.



UV Medico is a high-tech Danish company focused on developing human-safe and effective Far-UVC light emitting devices - UV222. It is composed of a team of scientists, experts, and pioneers passionate about preventing the spread of infectious viruses, both existing and emerging, as well as combatting bacteria, mold, spores, and even antibiotic-resistant super bacteria.

# **Connect with UV Medico**

Are you interested in learning more about UV Medico or our products?

Scan the QR code to engage directly with our experts. Schedule a consultation to explore tailored, scientifically grounded strategies that address your unique cleanroom challenges.

Contact us here:



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