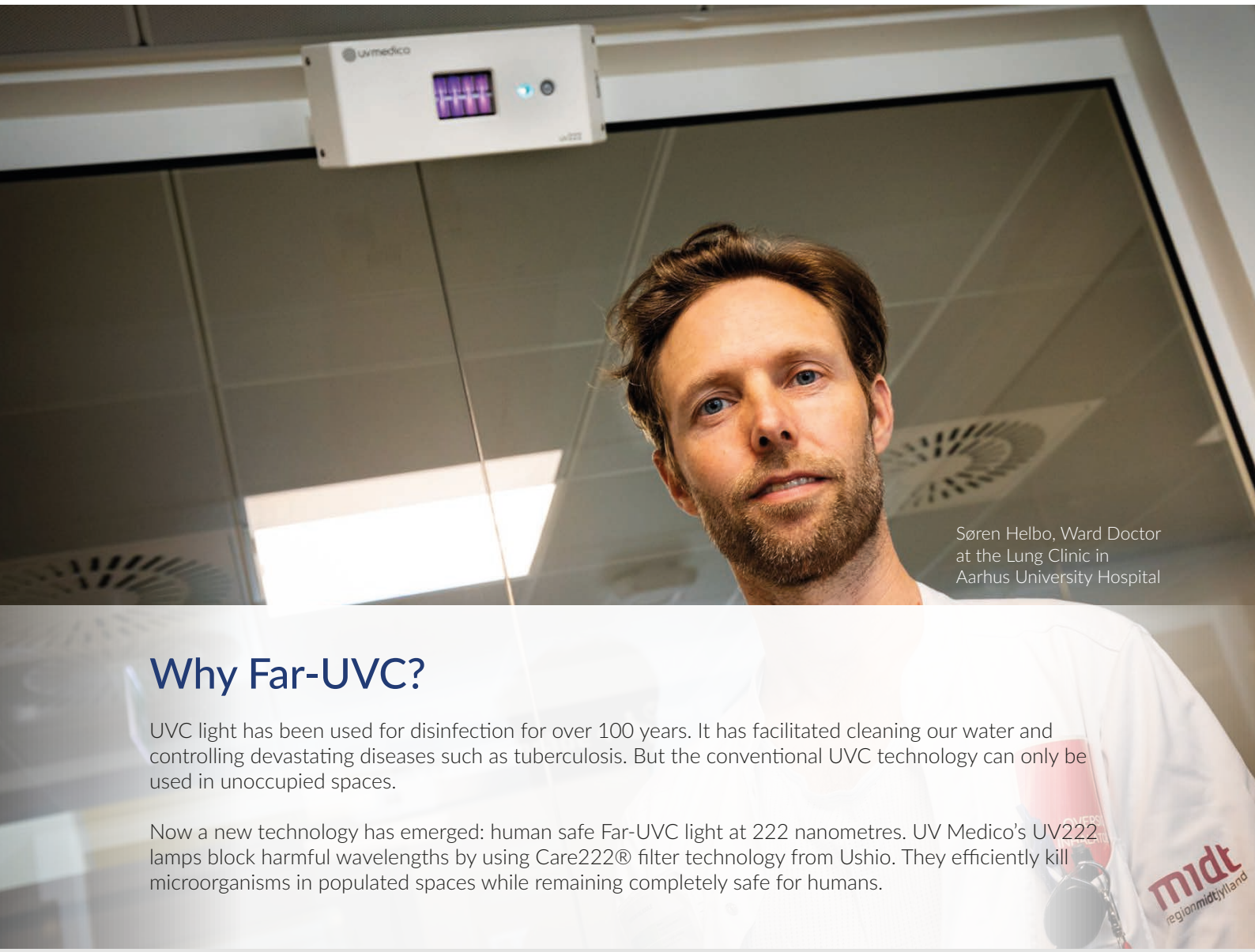

Søren Helbo, Ward Doctor at the Lung Clinic in Aarhus University Hospital

Why Far-UVC?

UVC light has been used for disinfection for over 100 years. It has facilitated cleaning our water and controlling devastating diseases such as tuberculosis. But the conventional UVC technology can only be used in unoccupied spaces.

Now a new technology has emerged: human safe Far-UVC light at 222 nanometres. UV Medico's UV222 lamps block harmful wavelengths by using Care222® filter technology from Ushio. They efficiently kill microorganisms in populated spaces while remaining completely safe for humans.

The technology

Microorganisms heavily absorb light at the 222 nm wavelength, which is transformed into heat that deactivates them, making them unable to reproduce and to infect.

While this happens, the light remains harmless to human skin and eyes. The reason is that the top layer of the human skin is comprised of dead cells mostly made of proteins – and the same can be said about the top layer of the eye.

This means you are now able to have constant disinfection in occupied spaces, providing a safer environment for your customers and employees.

The product

UV222 lamps can disinfect air and surfaces within minutes, and keep the exposed surface disinfected throughout the day with continuous on/off cycles.

- Programmable.
- Low maintenance.
- 17,500+ hours of efficient disinfection.
- No ozone emissions.
- Full compliance with Danish, European, and global regulations.

Applications

UV Medico's Far-UVC lamps can be installed in all places that require safe disinfection in the presence of people:

- Healthcare facilities and ambulances
- Hospitality sector
- Pharmaceutical industry
- Educational institutions
- Food processing
- Agriculture and livestock

Learn more:

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uvmedico

UV222™

222 nm
60 or 100° beam angle
Programmable

Finish:

White (RAL 9010 mat).
Custom color on request.

Creating safe surroundings

Far-UVC rapidly inactivates many common airborne and surface pathogens such as virus, bacteria, mold, mites, spores, fungi, and even antibiotic-resistant superbacteria like MRSA.

UV222 harnesses this game-changing technology, offering a highly effective solution for surface and air disinfection. 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.

General product specifications

Light source	Krypton chloride excimer lamp
Wavelength	222 nm
60° output	115 mW (Typical)
100° output	70 mW (Typical)
Input voltage	100–240 V AC, 50/60 Hz
Max power consumption	20 W
Mode (programmable)	Continuous / duty cycle / motion activated
Weight	1.9 kg (3.5 lbs)
Dimensions	303.45 x 120 x 75.25 mm (11.9 x 4.7 x 3.0 in)
Power lead (PVC)	3 x 0.75 mm² / 95 cm (18 AWG / 3.11 ft)
Operating temperature	0° to + 50° C (32° to 122° F)
Ambient humidity	5-90% RH Non condensing