



**ENSURING A DISINFECTION PROCESS  
WITH PROPER PROTOCOLS AND TRAINING**

UV DISINFECTION EXPERT

 **BEYOND  
CLEAN**

Daan Hoek | Co-Founder UV Smart

*Beyond Clean UV Disinfection Expert™:*

## ENSURING A DISINFECTION PROCESS WITH PROPER PROTOCOLS AND TRAINING

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With the right equipment and correct protocol, UV light based disinfection is a fast, sustainable and effective disinfection method. Disinfection based on UV light will never remove visual debris from the surface of medical equipment. In order for UV light to reach the surface, the right pre-cleaning must take place, just as any other way of disinfection. Suppliers and manufacturers write protocols for to control this process by training, certification, repetition and audits.

Pre-cleaning is always a must and generally remains a completely manual activity - this is the case with disinfecting wipes, disinfection machine and with UV based disinfection. Therefore, it's important for users to receive proper training on the protocol, so they know exactly what's important and where extra attention may be needed. As such, the chances of human error is limited as much as possible, and reliability can be provided to both the patient and medical staff.

Upon completion of the training, employees must receive certification. The certification verifies that an individual has the knowledge, skills and decision-making abilities necessary to perform the proper techniques for cleaning, disinfecting and sterilizing medical devices. There are practical requirements and a minimum amount of training that must be met to qualify for the certification. In addition to this basic requirement, one can also periodically monitor the quality of the cleaning - and therefore the employee's actions - by conducting internal audits.

For all disinfection methods above, pre-cleaning is performed manually. As such, these methods require authorized and competent personnel. Through proper education, training, certification and conducting internal audits, cleaning quality is high-quality. UV based disinfection cycle combined with the right pre-cleaning brings the fastest, most sustainable and economical friendly solution for your hospital.

Have more UV disinfection questions? Contact Daan at: [daan.hoek@uvsmart.nl](mailto:daan.hoek@uvsmart.nl)

*Beyond Clean UV Disinfection Expert™ Biography:*

## DAAN HOEK CO-FOUNDER UV SMART



Daan Hoek is the Co-Founder of UV Smart and very passionate about UV-C light as a disinfecting agent in the medical field. UV Smart is an innovative company based in the Netherlands with an established US office in New York. The UV Smart devices can disinfect medical equipment quickly, efficiently, and consistently by using UV-C light. By refining this ancient technology, UV Smart made it possible to disinfect medical equipment in a rapid and effective way. UV-C light also eliminates the use of chemical disinfectants that are harmful to medical equipment, operators, and our planet, while saving a substantial amount of turnaround time. UV Smart is the front-runner in applying UV-C technology to medical devices. UV Smart is currently active in over 20 countries worldwide.

Daan is also the chairman of the Taskforce UV-C light of the Dutch Normalization Committee. Along with the taskforce, he developed the first European guideline for UV-C disinfection devices in the medical field. He is also in charge of all the clinical (multi-center) studies of UV Smart, three of which are running in the US and in Europe.

If you have any questions regarding UV-C light, feel free to reach out to him!

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