



SPECIALIST INFORMATION

The Dermalux® Fluorescence Method - an ideal training medium for the hands hygiene and skin care

Immediate visualization and more effective instruction with the technical equipment of Dermalux® System and Derma Litecheck®

Staff, trainees and students in both hospitals and care homes require hand hygiene- and skin care instruction, as well do personnel in the food and pharmaceutical industries and for example employees in restaurants and catering business. Training sessions using the Dermalux® System or the Derma Litecheck® provide all training stages within just one unit: Using this method the risks of cross-contamination, which arise e.g. simply from shaking hands, can be quickly revealed. Correct hand disinfection and hand washing can be demonstrated along with the recommended skin safety measures. Whereas the standard method used to be microbiological testing with an incubation period of up to 48 hours to provide evidence of hand contamination, the fluorescence method can be used to make invisible contamination of the trainees hands immediately visible during training.

Why the Dermalux® method does better

You could check some aspects of hand hygiene by traditional microbiology wipe tests. However, this takes at least 24 hours, which does not make it an ideal instrument for short, separate courses. That's the reason why the Dermalux® Method is just a perfect didactical medium to make invisible dirt on hands visible immediately by means of the Dermalux® Checkbox or the Derma Litecheck®. Using the Dermalux® or Derma Litecheck® equipments one can manage not to really "control" people but to sensitize their awareness of hygiene necessities in a simple and extremely effective way within seconds. Test results show this for years. Very soon instructors will also develop the feeling for the communication possibilities of the Dermalux® Fluorescence Method. They also discover, in which way they can create some fun for the participants of the courses without making them feel like a "fool". The Dermalux® Method was created in close co-operation with Professor Peter Elsner, director of the University Clinic of Dermatology in Jena, Germany and bases on his studies. The devices and complementary fluorescent products of KBD GmbH Germany are safe, easy to use. They are internationally known for their top quality, standardized visualizations, and brilliant light effects. The trainees experience how easily and quickly **contamination** can be transferred. This increases the hygiene awareness and the compliance rates as a step further to better infection control. The correct method for **hand disinfection** can also be simulated and instructed in a way easy to remember. Fluorescent training substances were developed especially for this application. Based on standard disinfectants available on the market, they can be applied to the hands by the trainees in the same way as for hygienic hand disinfection. The areas on the hands to which the substance has not been applied, are displayed straight away. The **correct way to wash and to dry hands** can also be demonstrated as part of the training process. Special test products for this are available. The range of potential training components can be adopted to the specific needs. At the end of the training participants should also know how to correctly apply the **skin protection** preparations, which healthy skin needs.

Dermalux® System and Derma Litecheck®

With their interesting and quite specific design the Dermalux® System and the Derma Litecheck® after all present themselves as two different and elegant solutions to cover all presentation purposes and hygiene training situations in daily practice. They are impressively effective as communicative training aids. The Dermalux® Checkbox is internationally broadly accepted since many years. It is a multimedia version with integrated camera technique, made for trade fairs, congresses, presentations, and e.g. group trainings. Derma Litecheck® has started in Europe during autumn 2008. The new device is only as big as a usual file in any office, light-weighted and ready to start work within seconds. The light effects here are of the same quality as in the Dermalux® Checkbox. Design is an intelligent new solution for each budget. There is no similar product worldwide. All rights are reserved. KBD GmbH also offers strategies and products for different fluorescence applications under contract for customers in industry.