

Press release

Gräfelfing, 19th January 2021

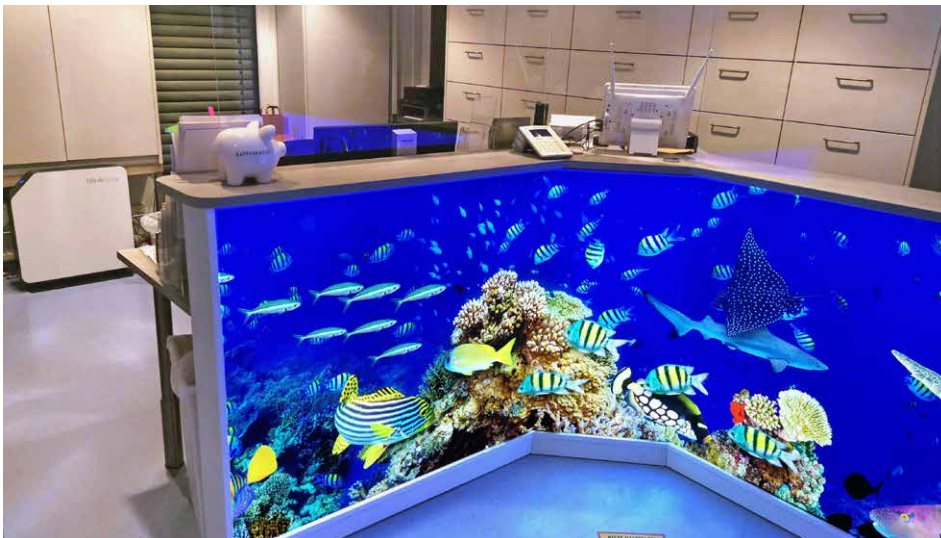
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UVC air disinfection for even more protection against infection

At an early stage, the practice of paediatrician Dr. Friederike Herbst-Baus decided for added safety during the Corona pandemic – and the time after.



UVC air disinfection in the reception area for protection of the staff and visitors.

Right from the beginning, paediatrician Dr. Friederike Herbst-Baus did everything possible to ensure that her practice in Schwalbach in Hessen was well-equipped to face Corona. As soon as it became known in early 2020 that COVID-19 is highly infectious and is mainly transmitted via aerosols, the paediatrician and her husband, Christian Baus, researched

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the optimum hygiene precautions – and developed a comprehensive concept: “As a medical practice, the health of our patients is of course our most important priority, but we also take our responsibility to ensure the protection of our staff very seriously.”

As in many paediatric practices, there are two waiting rooms to make sure that infectious and non-infectious patients are separated. New features are separate entrances and separate consulting rooms as well as consulting hours for infectious patients. At the reception desk, hand disinfection, surface disinfection and Perspex screens protect both employees and visitors to the practice. Face masks and social distancing are compulsory.

But how to combat the concentration of aerosols and the resulting increase in the viral load in the room air? As experienced physicians, it was immediately clear to the husband and wife team that frequent airing alone would not be enough. The only solution: air disinfection. “In our view, there are two suitable technologies here: HEPA filter systems and UVC air disinfection units. We decided on UVC units“, said Christian Baus and explained two main reasons for the choice: In filter systems, the germs are caught in the filter. That is, they are not dead, only trapped. UVC radiation, he said, is more effective, because it inactivates the viruses, immediately rendering them harmless. The second reason: At a very early stage, Dr. Hönle AG, the manufacturers of the UVC disinfection systems selected by Friederike Herbst-Baus and Christian

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Baus, proved, in collaboration with the Goethe-University Frankfurt, that their technology is effective against SARS-CoV-2, whereas HEPA filter systems require blind confidence in the information provided by the manufacturers of the installed filters, said Baus.

Several months ago, two UVC disinfection units from Bavarian UV specialists Hönle were installed in the paediatric practice of Dr. Friederike Herbst-Baus: The highly efficient and extremely quiet [SteriWhite Air Q](#) stands in the reception area, allowing the practice team to go about their



work undisturbed. In the waiting room, [SteriWhite Air C](#) was installed on the ceiling – very simply and without any problems, as Christian Baus emphasised. And that is all that is required for some time, because apart from replacing the UV lamps, no further maintenance is needed, and the lamps have a service life of up to 16,000 operating hours.

Feedback from patients and the team is enthusiastic: they not only feel safer, they are safer. “And that,” said Christian Baus, “was our priority from the start.”