Press release

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Renfert and Sascha Hein: The next development project

Renfert and Master Dental Technician Sascha Hein, PhD, are continuing their work. Following on from LIGHT 1, they are working on a new development project. The key question remains: how can scientific findings, dental technology expertise and technical development be combined to create a solution that genuinely helps in the day-to-day running of laboratories and dental practices?

Sascha Hein has been combining dental technology, science and digital development for years. His aim: to make aesthetic processes more reliable. Colour is one example of this. Experience and a 'good eye' remain essential. But Hein asks further: What factors influence the result? What can be measured objectively? And above all: How can this knowledge be translated into everyday practice?

This approach already shaped the development of LIGHT 1. The focus there was on understanding light from a physical perspective and using that to determine the conditions under which colour, shape and surface can be reliably assessed. The project, launched in 2025, is now taking this approach a step further. The focus is shifting from the individual workstation to the collaboration between the dental laboratory and the dental practice, which is becoming increasingly digital and closer. It is precisely at this interface that the joint development comes into play. The aim is to create a solution that combines hardware and software to support highly aesthetic work more precisely, safely and efficiently. For Renfert's Managing Director, Sören Hug, it is precisely this perspective that is valuable in the development process: "Sascha brings an unusual combination of skills to the table: he knows the day-to-day work in the laboratory, examines it scientifically and, at the same time, thinks digitally." Hein himself takes a pragmatic view: "I'm not interested in whether something appears new

at first glance. What matters is whether we gain a better understanding of a real-world process and use that to develop a solution that makes results more reliable."

The results of the current project are due to be presented at IDS 2027.

About Renfert

Renfert develops and manufactures equipment, instruments, and materials for the dental industry with a heritage dating back to 1925. From the very beginning, Renfert's foundation has been built on a passion for premium-quality dental products and a commitment to making the daily routines in dental laboratories as well as dental and orthodontic clinics easier and more efficient — true to the motto: "making work easy www.renfert.com

About Sascha Hein

Sascha Hein, MDT, PhD, is a German-trained Master Dental Technician, dental color scientist and internationally recognized expert in esthetic dentistry. He is the inventor and co-developer of the eLAB system and combines more than 25 years of dental expertise with research in color science and its practical application in dentistry.

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