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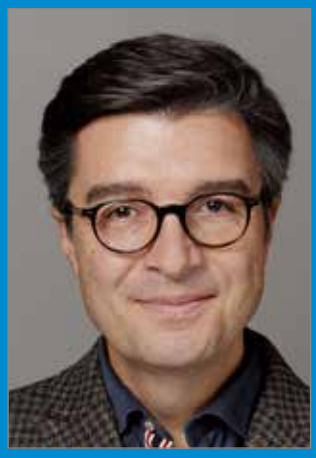
More than just a curing light

Benefits of D-Light® Pro in day-to-day use

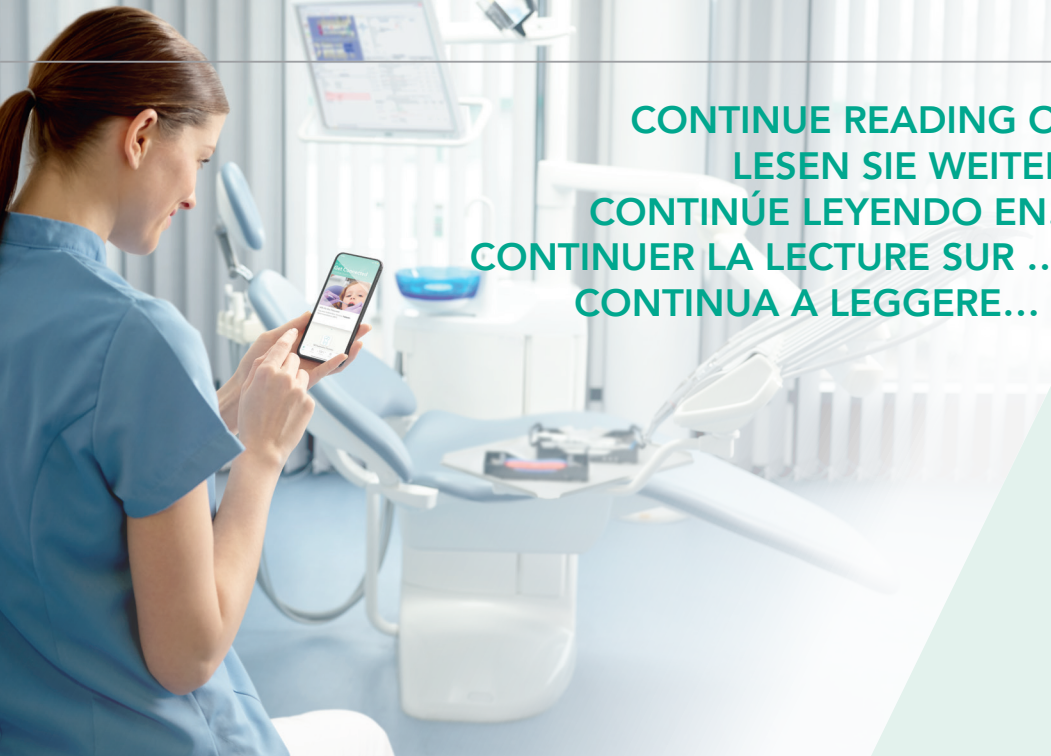
By **Dr. Alessandro Devigus**, Switzerland



*Dr. med. Dent. **Alessandro Devigus** was born in 1962. He obtained his degree in dental medicine at the University of Zürich in 1987. In 1990, he established his own private practice focused on digital technologies. Since October 2000 he is CEREC-instructor at the University of Zürich (Clinic for Geriatric and Special Care Dentistry).*

He is a renowned instructor of various international courses on CAD/CAM and digital technologies. Furthermore, he is a member of the New Group of which he was President in 2010-2011. He is also a group member of Bio-Emulation, an active Member of the EAED and ITI Fellow and Speaker. He is the Editor in Chief of the "European Journal of Esthetic Dentistry" (Quintessence).

The majority of modern composites for intraoral use are cured using a photopolymerisation process. Nowadays, the polymerisation lights used for this purpose function almost exclusively with LED light sources. The light from blue LEDs has a wavelength of 450-490nm, making it well suited for photoactivation of camphorquinone[1]. The latest generation of LED lights radiates over a larger range of wavelengths, so that they can also cure materials with initiators such as TPO or PPD.



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