

## **Press Release**

**Heraeus Kulzer documents the important process of light-curing on the YouTube-Channel**

**Light-curing can help prolong the lifespan of dental restorations – if done properly**

Hanau, June 2015 – **Light-curing is a crucial step for many treatments in dentistry. Yet both the devices used in dental offices and the techniques applied in the process are all too often inadequate, because the science behind the blue curing light is often ignored. In such cases, dental materials are unable to fully develop their mechanical properties. Furthermore, improper light-curing purportedly contributes to restoration failures such as secondary caries and fractures, or even total loss of the restoration. New findings and an increased understanding of light-curing can help to prolong the durability of restorations. As one of the leading manufacturers of dental materials worldwide, Heraeus Kulzer has a keen interest in supporting their clients with essential information for the correct handling of dental products and materials. This is why the organisation produced a practice-oriented video clip demonstrating the dos and don'ts of light-curing and placed it at dentist's disposal, free of charge, via the company's own channel on YouTube.**

Manufacturers, and notably Heraeus Kulzer, are keen to ensure their materials be properly cured. In order to achieve long-lasting restorations, manufacturers' recommendations on curing times, layer thickness, wavelength spectrum, and minimum irradiance in the instructions for use need to be closely followed. Scientists, too, have come to take the issue of safe and efficient light-curing very seriously. For this reason, international experts, scientists and manufacturers attending the second Symposium on Light Curing in Dentistry,

agreed on guidelines to improve light-curing. The article „Light Curing – Guidelines for Practitioners“ is available as an open access file under [http://jad.quintessenz.de/jad\\_2014\\_04\\_s0303.pdf](http://jad.quintessenz.de/jad_2014_04_s0303.pdf).

Heraeus Kulzer has brought these guidelines to life in a short and informative video explaining how improper light-curing can come about. It lists the possible consequences, and most importantly, it shows ways to optimise the light-curing process and thereby its results. The video clip also gives tips and tricks regarding both the light-curing unit and the procedure itself.

The video clip on correct light-curing can be watched via the Heraeus Kulzer Channel. By subscribing to the channel, any interested party can watch the latest dentistry news from Heraeus Kulzer. The Heraeus Kulzer YouTube Channel is to be found on YouTube by using the search bar or by directly scanning the barcode below.



[www.heraeus-kulzer.com/light-curing](http://www.heraeus-kulzer.com/light-curing)

Simply scan the barcode and watch the video clip on light-curing on Heraeus Kulzer's YouTube-Channel.

More information about Heraeus Kulzer

- Website with information on the company and products:  
[www.heraeus-kulzer.com](http://www.heraeus-kulzer.com)
- YouTube channel with practical tips and tricks:  
[www.heraeus-kulzer.com/youtube](http://www.heraeus-kulzer.com/youtube)
- Heraeus Kulzer Facebook page with the latest news from Heraeus Kulzer:  
[www.facebook.com/heraeuskulzer](http://www.facebook.com/heraeuskulzer)

## About Heraeus Kulzer

Heraeus Kulzer GmbH is one of the world's leading dental companies with its headquarters in Hanau, Germany. As a trusted partner, the company supplies dentists and dental technicians with an extensive product range, covering cosmetic dentistry, tooth preservation, prosthetics, periodontology and digital dentistry. More than 1,500 employees at 26 locations worldwide are driven by their expertise and passion for the dental market and embody what the name Heraeus Kulzer stands for: service, quality and innovation.

Heraeus Kulzer has been part of the Japanese Mitsui Chemicals Group since July 2013. Mitsui Chemicals, Inc. (MCI) is based in Tokyo, and has 137 affiliates with more than 14,300 employees in 27 countries worldwide. Its innovative, practical chemical products are as much in demand in the automotive, electronics and packaging industries as they are in other fields such as environmental protection and healthcare.

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