



## **PRESS INFORMATION**

### **Kulzer's Venus Bulk Fill convinces in study**

**Especially the treatment of children is challenging for dentists. The dental treatment should be comfortable for the little patients and nevertheless bring a good and safe result. A study by the University of Mainz (Germany) has shown that restorations of primary molars with Venus Bulk Fill can be completed more quickly and achieves comparable results requiring less effort.**

Hanau/25.11.2019. Already one layer of the Venus Bulk Fill composite is sufficient to restore class II cavities of up to 4 millimetres in primary teeth. Especially for children who are more impatient, the time-saving bulk fill technique is suitable for restorative therapy.

While a treatment with conventional composites or compomer materials requires more time and patience of the patient due to the increment technique and the respective curing phase, the Venus Bulk Fill Composite can be applied in only one step. This not only reduces the risk of contamination, but also the work steps.

In a clinical study, researchers at the University of Mainz have now confirmed the performance of Venus Bulk Fill in a class II cavity. For this purpose, the scientists examined a total of 100 restorations in 32 children aged between 4 and 9 years. After caries treatment, the cavities were each filled with Venus Bulk Fill and a standard compomer material for control purposes. Both materials were evaluated by the scientists on aesthetics and function at the beginning of the study and after one year. The result: Venus Bulk Fill showed "excellent performance" in the study and is comparable to class II restorations used in the conventional layering technique with a compomer material.

"We are pleased with this study result and the confirmation that with Venus Bulk Fill we can offer a material enabling dentists to complete treatment more quickly and at the same time reduces the burden on children," says Kulzer CTO Dr. Sascha Cramer von Clausbruch.

In the study, Venus Bulk Fill has convinced with its simple and fast application and comparable performance. The scientists can recommend the use of bulk filling composites in



pediatric dentistry when restoring class II cavities, especially because the single-stage application of the material shortens the treatment time for young patients.

## Figure



Fig.: Already one layer of the Venus Bulk Fill composite is sufficient to restore class II cavities of up to 4 millimetres in primary teeth.

## About Kulzer

As one of the world's leading dental companies, Kulzer has been a reliable partner for all dental professionals for more than 80 years. Whether aesthetic or digital dentistry, tooth preservation, prosthetics or periodontology, Kulzer stands for trusted and innovative dental products. With optimal solutions and services, Kulzer aims to support its customers in restoring their patients' oral health in a safe, simple and efficient way. For this purpose, 1500 employees work in 26 locations in the fields of research, manufacturing and marketing.

Kulzer is part of the Mitsui Chemicals Group. The Japanese Mitsui Chemicals Inc. (MCI) based in Tokyo owns 131 affiliates with more than 13,400 employees in 27 countries. Its innovative and functional chemical products are as much in demand in the automotive, electronics and packaging industries as in environmental protection and healthcare.



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