



**Dr. Filip Keulemans** graduated in 2000 as a general dentist from the VUB (Vrije Universiteit Brussel). In 2002, he followed a postgraduate training in aesthetic dentistry at the same university. In 2010 he became Doctor in Dentistry at University of Amsterdam (Academic Centre for Dentistry Amsterdam). From 2010 till 2016 he worked at Ghent university where he was responsible for Dental Materials Science and the preclinical training in restorative dentistry. For the moment, he works part-time at Dentart Flora, a dental clinic in Merelbeke, as a restorative dentist with special interest in biomimetics. Furthermore, he is affiliated to Turku Clinical Biomaterials Centre (TCBC) at University of Turku (Finland) as research associate. His research interests are mainly Dental Materials (characterisation, evaluation and development of fibre-reinforced composites) and Adhesive Dentistry (biomimetic restoration of natural teeth).

# The future of restorative dentistry is ... digital

Clinical case by **Dr. Filip Keulemans**

Contemporary restorative dentistry is changing dramatically over the last couple of years. Especially the development of intra-oral scanning devices and the introduction of new composite and hybrid ceramic materials suitable for the fabrication of CAD/CAM restorations opened the doors towards full digital restorative dentistry.

The present case describes the integration of a full digital workflow for the restoration of an endodontically treated lower molar, of which the structural integrity was compromised due to dentine cracks, with an indirect biomimetic CAD-CAM composite restoration.



CONTINUE READING ON...

LESEN SIE WEITER...

CONTINUÉ LEYENDO EN...

CONTINUER LA LECTURE SUR ...

CONTINUA A LEGGERE...

.'CC.'

GET CONNECTED

**SMILE**  
PROGRAM



Download on the  
**App Store**



GET IT ON  
**Google Play**