

Zlín, August 10, 2016

A report on Thomas Haenel, the author of thesis

“Curing of Visible Light Curing Resin Based Dental Composites”

Doctoral Thesis submitted by Thomas Haenel is focused on the influence of the curing conditions in terms of irradiance, exposure time and irradiance distribution of light curing unit on reaction kinetics as well as corresponding mechanical and viscoelastic properties of visible light-curing dental composites.

Mr Thomas Haenel selected this field as a topic of his doctoral study at the Tomas Bata University in Zlin under my supervision in 2010. During the studies (October 2011 to February 2012) he was appointed as the research visitor at the Dalhousie University, Halifax, Canada, where he investigated influences of light exposure on the photo-polymerization kinetics and mechanical properties of visible light curing resin based dental composites.

Thomas Haenel is an active scientist as documented by numerous professional activities including scientific papers in renowned international journals, presentations on conferences and projects. He is also a well-experienced lecturer as he works at the Bonn-Rhein-Sieg University of Applied Sciences, Rheinbach, Germany, Faculty of Natural Sciences as a scientific assistant in the Polymer Materials research group.

His thesis presents thorough systematic experimental methods, producing data on the subject, which are discussed with comprehensive references to the previous research in the field. By this thesis Mr Thomas Haenel demonstrates his ability to conduct careful and well-oriented scientific research at a satisfactory level.

It is my pleasure to recommend Mr Thomas Haenel for the defense of his PhD thesis.



Berenika Hausnerová

Supervisor