

Joinville, 28th January, 2013.

To

Glass Carbomers Products

Research Department

Last year, we finish the clinical long term comparison between your product – Glass Carbomer – and the Fuji IX (GC Products), in Vila da Glória – São Francisco do Sul/Joinville - Brazil. We compared the clinical performance along 36 month. The results show a very positive comportment of both materials, without significant differences. Last May the Brazilian researchers went to Erlangen (Germany) to meet with the researcher team from Germany to discuss the results. The obtained outcomes will produce a paper report.

Our study was focused in Class I cavities but we also observed the same good performance in Class II. That shows that this material could be used in bigger cavities – frequent situation when ART is used in patients. This option – we know – couldn't be the better treatment, but certainly will be the better way to preserve teeth.

In the continuing of our studies for Glass Carbomer and Glass Ionomer Cements, in this year (2013), we will compare the micro hardness of encapsulates Glass Carbomer Cement and two others Glass Ionomer Cements (one fotoactivated and other with chemical cure). We planned to begin this study in next March and will have results until October 2013. It'll result in a paper for publication in the *RSBO Journal*.

The methodology was designed to use 3 different light curing equipments, to cure the fotoactivated materials. From each material will be produced 30 specimens. Each specimen will be tested for the micro hardness in 5 different points at the same surface. The methodology will be the same used in a Composite Micro hardness study, so we will be able to compare all the results.

In this way, we are looking to know about your interest to take part in our study.

Best regards,

Prof. Edward Werner Schubert
Dentistry Department
UNIVILLE – University of Joinville Region
(ewschubert@ig.com.br or
edward.werner@univille.br)

Profa. Célia M. C. Franca Lopes
Dentistry Department
UNIVILLE – University of Joinville Region
(cmcflopes@ig.com.br)