Author's Accepted Manuscript

Mechanical reliability, fatigue strength and survival analysis of new polycrystalline translucent zirconia ceramics for monolithic restorations

Gabriel KR Pereira, Luís F Guilardi, Kiara S Dapieve, Cornelis J Kleverlaan, Marília P Rippe, Luiz Felipe Valandro



www.elsevier.com/locate/imbbm

PII: S1751-6161(18)30471-5

https://doi.org/10.1016/j.jmbbm.2018.05.029 DOI:

JMBBM2806 Reference:

To appear in: Journal of the Mechanical Behavior of Biomedical Materials

Received date: 9 April 2018 Revised date: 16 May 2018 Accepted date: 21 May 2018

Cite this article as: Gabriel KR Pereira, Luís F Guilardi, Kiara S Dapieve, Cornelis J Kleverlaan, Marília P Rippe and Luiz Felipe Valandro, Mechanical reliability, fatigue strength and survival analysis of new polycrystalline translucent zirconia ceramics for monolithic restorations, Journal of the Mechanical **Behavior** Biomedical Materials. https://doi.org/10.1016/j.jmbbm.2018.05.029

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Mechanical reliability, fatigue strength and survival analysis of new polycrystalline translucent zirconia ceramics for monolithic restorations

Gabriel KR Pereira^{ab}, Luís F Guilardi^{bc}, Kiara S Dapieve^b, Cornelis J Kleverlaan^c, Marília P Rippe^b, Luiz Felipe Valandro^{b*}

- ^a MSciD Graduate Program, School of Dentistry, Meridional Faculty IMED, Passo Fundo, Rio Grande do Sul, Brazil
- ^b PhD-MSciD Graduate Program in Oral Science (Prosthodontics Unit), Faculty of Odontology, Federal University of Santa Maria, Santa Maria, Rio Grande do Sul, Brazil
- ^c Department of Dental Materials Science, Academic Centre for Dentistry Amsterdam (ACTA),
 Universiteit van Amsterdam and Vrije Universiteit, Amsterdam, The Netherlands

*Corresponding author at: Federal University of Santa Maria, Faculty of Odontology, MDS-PhD Graduate Program in Oral Science, Prosthodontics Unit, Floriano Peixoto, 1184, 97015-372 Santa Maria, Brazil. Fax: +55-55-3220-9276.

E-mail addresses: gabrielkrpereira@hotmail.com (G.K.R. Pereira), luisfguilardi@hotmail.com (L.F. Guilardi), kiara_s_d@hotmail.com (K.S. Dapieve), c.kleverlaan@acta.nl (C.J. Kleverlaan), mariliarippe@mail.ufsm.br (M.P. Rippe), lfvalandro@hotmail.com (L.F. Valandro).

Download English Version:

https://daneshyari.com/en/article/7206927

Download Persian Version:

https://daneshyari.com/article/7206927

<u>Daneshyari.com</u>