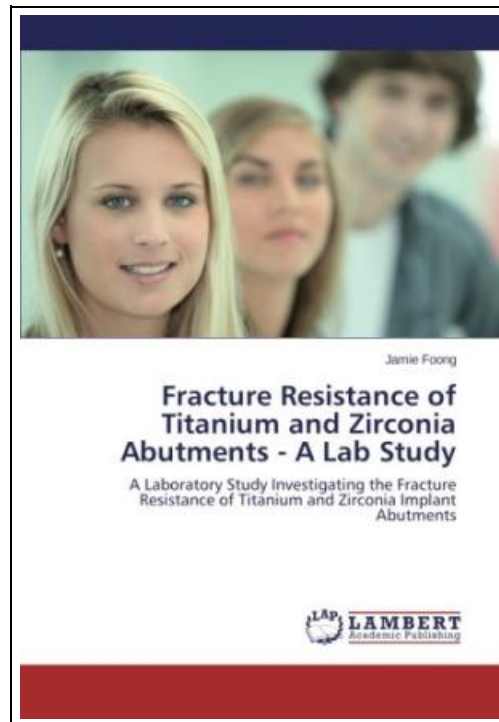


Fracture Resistance of Titanium and Zirconia Abutments - A Lab Study



Filesize: 4.39 MB

Reviews

Most of these book is the perfect pdf readily available. It normally will not expense a lot of. I found out this pdf from my dad and i recommended this publication to find out.
(Dejuan Yost)

FRACTURE RESISTANCE OF TITANIUM AND ZIRCONIA ABUTMENTS - A LAB STUDY

[DOWNLOAD PDF](#)

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | A Laboratory Study Investigating the Fracture Resistance of Titanium and Zirconia Implant Abutments | Statement of Problem. There is little conclusive evidence comparing the fracture resistance of internal connection titanium and zirconia implant abutments and the purpose of this study was to determine the fracture resistance of internal connection titanium and zirconia implant abutments. Material and Methods. Twenty-two specimens simulating implant-supported anterior single crowns were randomly divided into two equal test groups. Abutments were attached to dental implants mounted in acrylic resin and CAD/CAM crowns constructed. Chewing function was simulated using cyclic loading in a stepped fatigue loading protocol until failure. Failed specimens were then analyzed using SEM and fractographic analysis. Results. The titanium abutment group fractured at a mean \pm SD load of 270 ± 56.7 N and a mean \pm SD of $81,935 \pm 27,929$ cycles. The zirconia abutment group fractured at a mean \pm SD load of 140 ± 24.6 N and a mean \pm SD of $26,296 \pm 9,200$ cycles ($p < 0.005$). Conclusions. Within the limitations of this laboratory study, one-piece zirconia abutments exhibit a significantly lower fracture resistance than titanium abutments when using this test protocol ($p < 0.0005$). | Format: Paperback | Language/Sprache: english | 120 pp.

[Read Fracture Resistance of Titanium and Zirconia Abutments - A Lab Study Online](#)[Download PDF Fracture Resistance of Titanium and Zirconia Abutments - A Lab Study](#)

See Also



Stories of Addy and Anna: Japanese-English Edition

Mohd Shahrin Bin Daud, United States, 2015. Paperback. Book Condition: New. Siti Haziqah Samsul (illustrator). 244 x 170 mm. Language: Japanese . Brand New Book ***** Print on Demand *****.This book is bilingual (Japanese-English) edition....

[Download ePub »](#)



Stories of Addy and Anna: Chinese-English Edition

Mohd Shahrin Bin Daud, United States, 2015. Paperback. Book Condition: New. Siti Haziqah Samsul (illustrator). 244 x 170 mm. Language: Chinese . Brand New Book ***** Print on Demand *****.This book is bilingual (Japanese-English) edition....

[Download ePub »](#)



There Is Light in You

Changing Minds Online, LLC, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.There is Light in You is a collection of bedtime...

[Download ePub »](#)



Zip and Zap Meet the Sam: Yellow B/1c

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, Zip and Zap Meet the Sam: Yellow B/1c, Sheryl Webster, This title is part of Pearson's Bug Club - the first whole-school reading programme that joins...

[Download ePub »](#)



Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Download ePub »](#)