



Congresso Brasileiro de Engenharia e Ciência dos Materiais
24 a 28 de Novembro de 2024 | Fortaleza - CE - Brasil

Data e hora: 25/11/2024 | 09:50

Sessão: Sessão de Poster 1

Tipo: poster

Ref.: MmeBi02-011

Development of friction fit conical abutment in narrow diameter implants

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Resumo:

The objective of the present study was to developed an abutment for narrow diameter implants installed by means of friction. The specimen was composed of an implant of 2,9 mm x13 mm fixed 1mm above of a metal block. Two abutments types have been tested: short and long. They were fixed by friction receiving 3, 5 and 7 strikes along the implant axis and they were measured after the beats. The abutments were subjected to pullout load, totalizing 18 specimens being 9 short abutment and 9 long abutment. The results showed higher values of pullout load for the long abutment with 7 strikes.