



# #082

## BLINDANDO A ESTABILIDADE

### dos mini-implantes



ONLINE ONLY

# Effects of the diameter and shape of orthodontic mini-implants on microdamage to the cortical bone

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**Introduction:** The purpose of this study was to investigate the effects of the diameter and shape of orthodontic mini-implants on microdamage to the cortical bone during implant placement. **Methods:** Twenty-eight orthodontic mini-implants of length 6 mm; diameters, 1.5 and 2 mm; cylindrical and

# Diâmetro 2.0 x Diâmetro 1.5

## Torque Máximo de Instalação



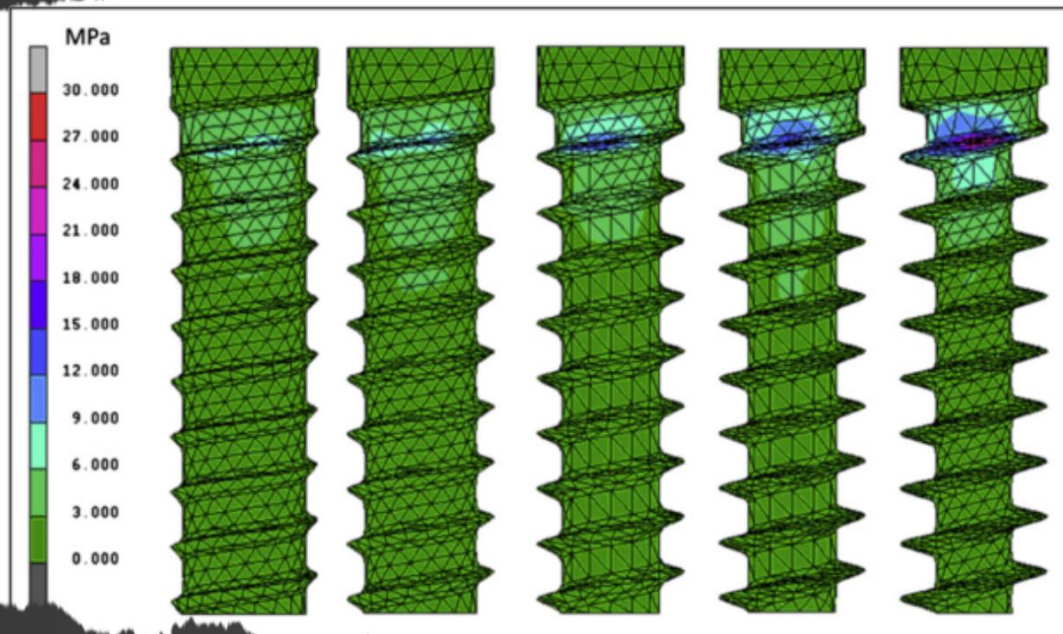




# Effects of thread depth, taper shape, and taper length on the mechanical properties of mini-implants

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SÉRGIO CURY SÉRGIO CURY



**Stress  
durante  
instalação**

safezones

**DENSIDADE**

7-6 : **845 HU**

6-5 : **719 HU**

5-4 : **855 HU**

Tuber : **467 HU**



# failure rate

Tuber : **26.3 %**

SÉRGIO CURY

SÉRGIO CURY

Interradiculares : **13.5 %**

Alharbi et al. 2018

Azeem et al. 2019





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