

Perbandingan luas dinding sepertiga apeks saluran akar yang tidak terpreparasi antara instrumen Osilasi Reciproc® dan WaveOne® :
esperimental laboratorik = The comparison of noninstrumented area at
the apical third root canal wall after instrumented by Reciproc® dan
WaveOne® Oscillation instrument

Ike Dwi Maharti, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20337180&lokasi=lokal>

Abstrak

Instrumentasi saluran akar masih meninggalkan area tidak terpreparasi. Instrumen osilasi diklaim dapat membersihkan dinding saluran akar secara optimal.

Tujuan: Membandingkan luas dinding sepertiga apeks saluran akar yang tidak terpreparasi antara instrumen osilasi Reciproc® dan WaveOne®.

Metode: Tiga puluh dua saluran akar premolar mandibula diisi tinta cina kemudian dibagi menjadi dua kelompok berjumlah sama (n=16): Reciproc® dan WaveOne®. Luas dinding yang tertutup tinta cina dianalisis dengan Adobe Photoshop CS5.

Hasil: Kelompok II mempreparasi lebih banyak dinding tetapi tidak berbeda bermakna dengan kelompok I (p=0,265).

Kesimpulan: Reciproc® dan WaveOne® tetap meninggalkan area tidak terpreparasi di sepertiga apeks saluran akar.

<hr>Thirty five percents area of root canal wall was left uninstrumented after instrumentation. Oscillation instrument was claimed able to clean whole area of root canal walls.

Objective: to compare uninstrumented area of root canal at the apical third after instrumented by oscillation instrument.

Methods: Thirty two human mandibular premolar root canals were dyed with china ink and were divided equally into Reciproc® and WaveOne® group. The area was analyzed using Adobe Photoshop CS5.

Results: WaveOne® showed a better result than Reciproc®, but not statistically significant (p=0,265).

Conclusion: The Reciproc® and WaveOne® showed no difference in cleaning the root canal.