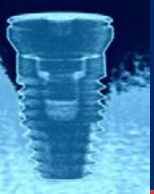


# 'WONDERS OF LASER-LOK'

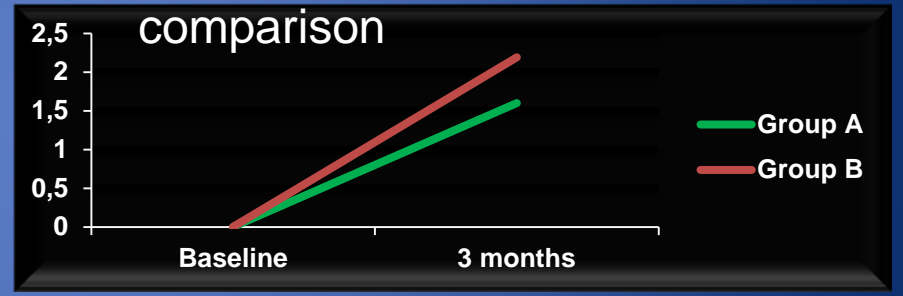
Radiographic analysis of crestal bone levels of Laser-Lok implants as compared with identical non-treated implants



**Introduction:** Laser-Lok microchannels is a proprietary dental implant surface treatment developed from over 25 years of research. Laser-Lok surface has been shown to inhibit epithelial downgrowth and the attachment of connective tissue. This physical attachment produces a biologic seal around the implant that protects and maintains crestal bone health.

**Aims and objectives:** To assess the crestal bone levels of Laser-Lok implants versus identical non treated implants.  
**Materials and method:** A total of 10 implants, 10 tapered Laser-Lok with micro collar implants (group A) and 10 identical non-treated implants (group B), placed in the mandible were assessed for crestal bone loss immediately after placing the implant and after 3 months using radiographs with Schie's radiographic grid 1 x 1 mm.

Statistical Analysis      Intra group      Inter group

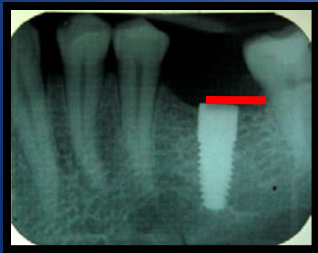


## Result:

### GROUP A

### GROUP B

Immediately after placing the implant



After 3 months



**Conclusion:** Within the limits of the present study, it can be concluded that the crestal bone loss around Laser-Lok implants is significantly lesser than around non treated implant surface. Clinically this may contribute to lesser peri-implant tissue breakdown. However further studies with larger sample size and longer follow up time are essential.

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