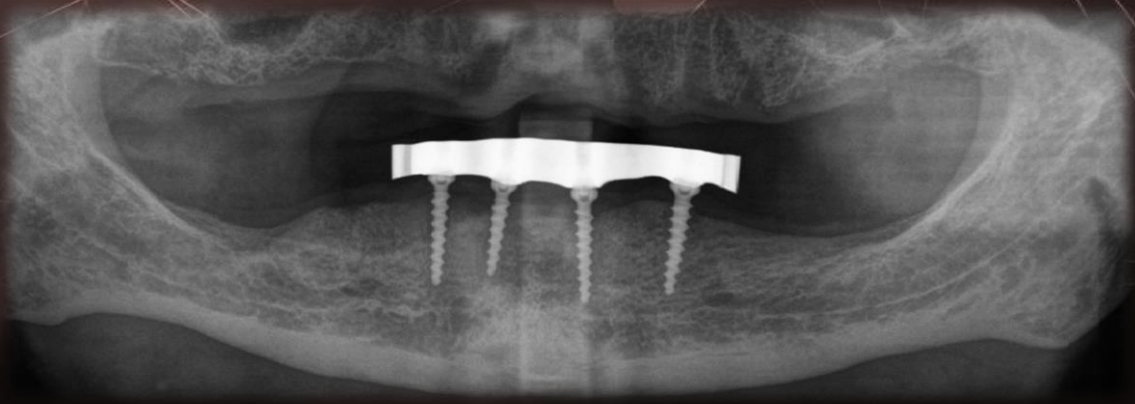


Treating fully edentulous mandible using four compressive implants immediately loaded with overdenture: case report

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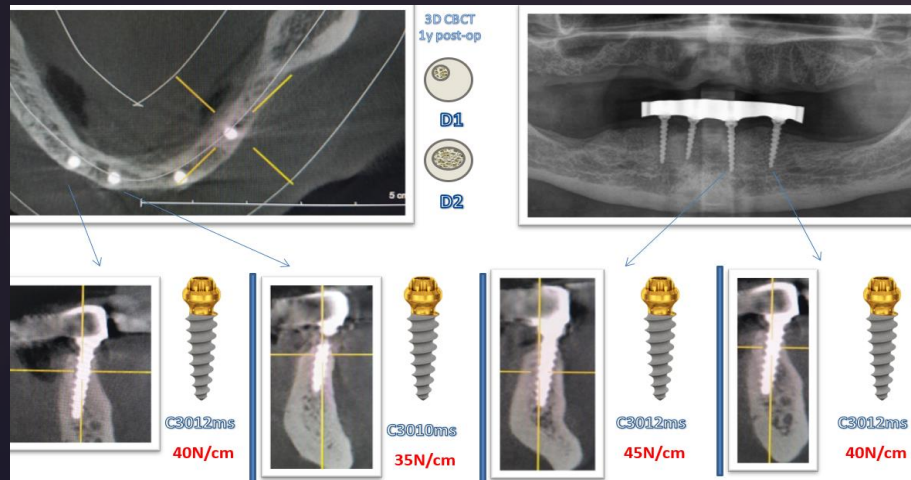
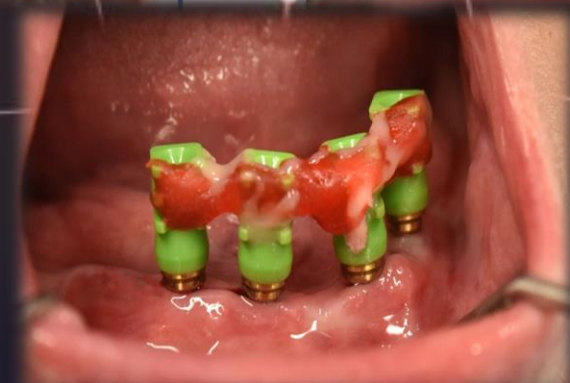
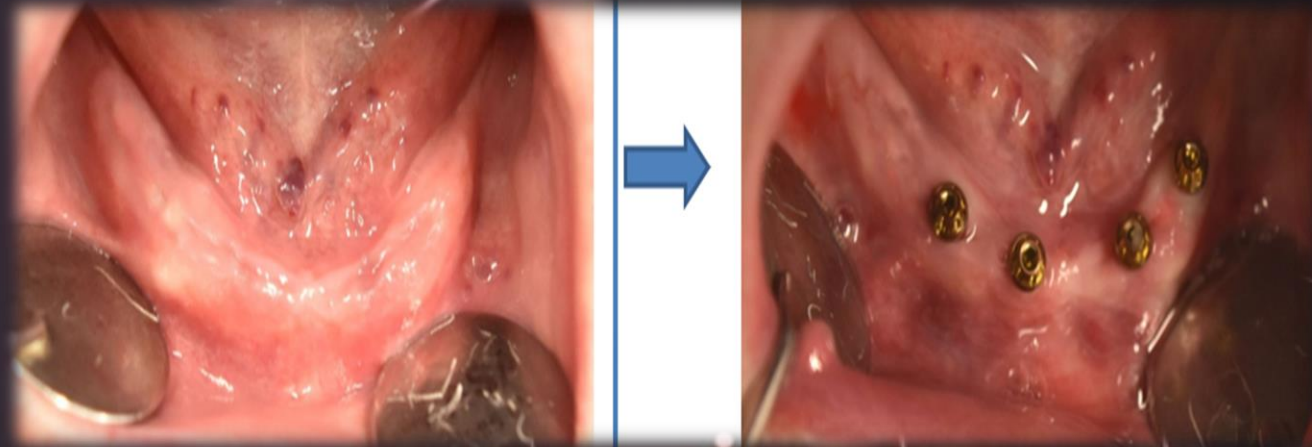
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Introduction: Implant-retained dentures have become a successful, popular treatment option to enhance the stability and retention. The aim of this case report is to highlight the benefits of usage compressive implants immediately loaded with overdenture.

Case description:

- female patient (62 ages) ,fully edentulous mandible
- 3D CBCT and anatomical studio models
- 4 compressive implants with multi-unit platform
- flapless surgery
- implant torque between 35N/cm and 45N/cm
- final impression (close-tray method)





- the bar and the implant platform connected by the screw-retention method
- after 48 hours throughout the principle of occlusal rims, vertical dimension was registered
- wax try-in



Conclusion: This treatment option prevent bone resorption in the anterior part of the mandible. Denture achieves better retention and stability. Patients are getting better oral health related quality of life as a result of improvements in mastication, speech and swallowing. The dental hygiene is easily maintained due to the screw-retention.