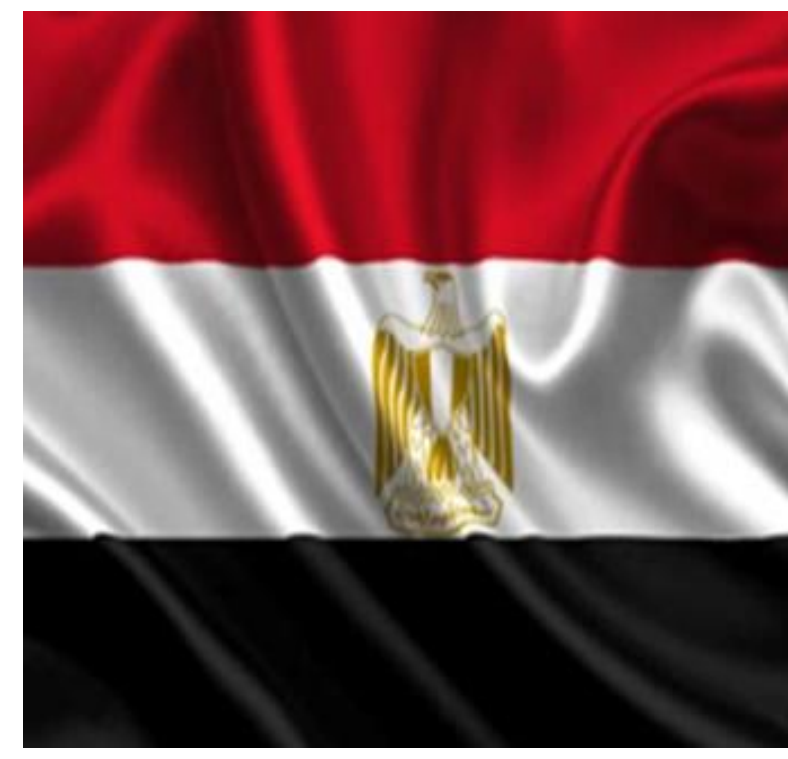




1-Year Post-loading of Short and Ultrashort Implants in Posterior Mandibular and Maxillary Regions

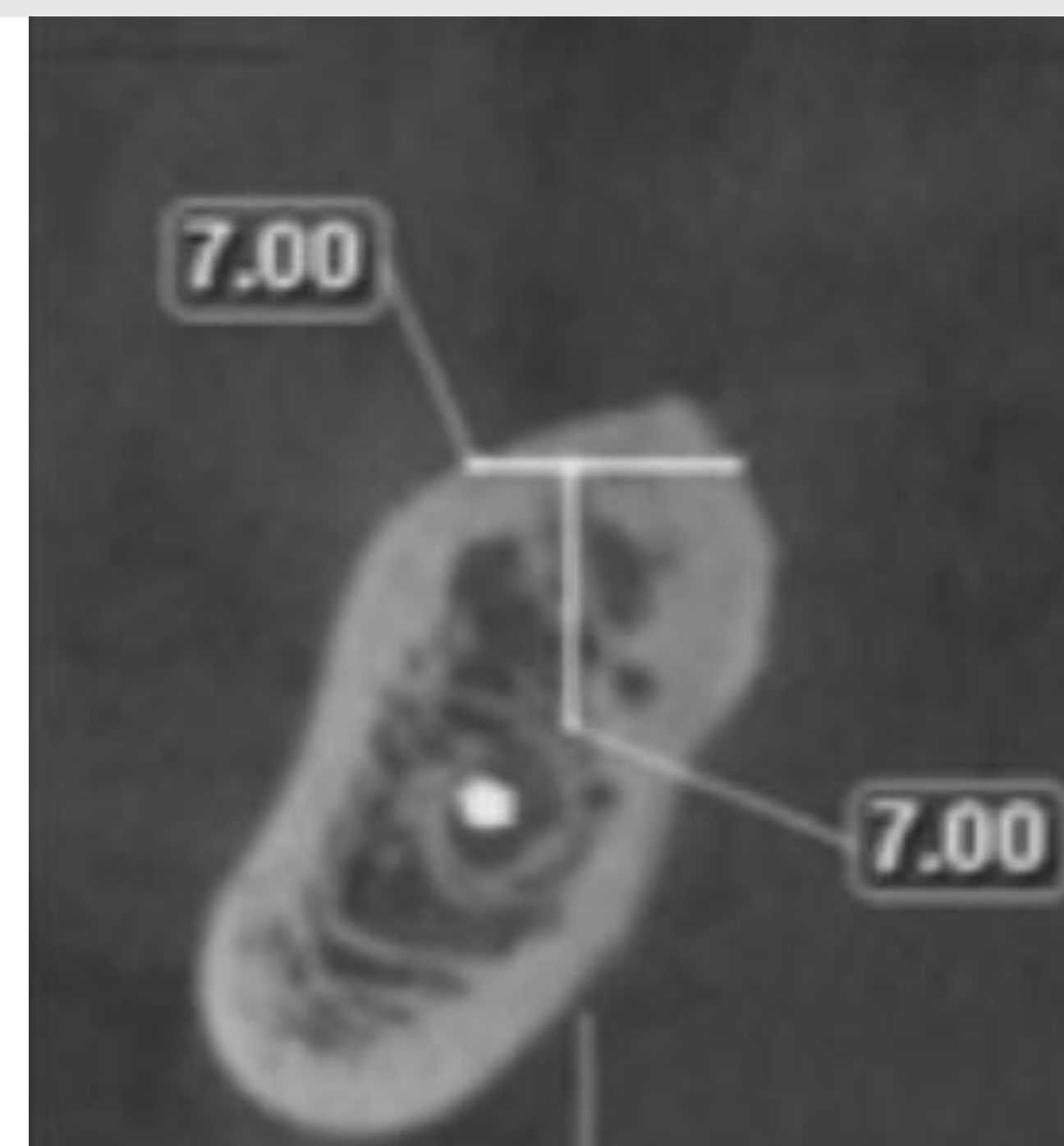
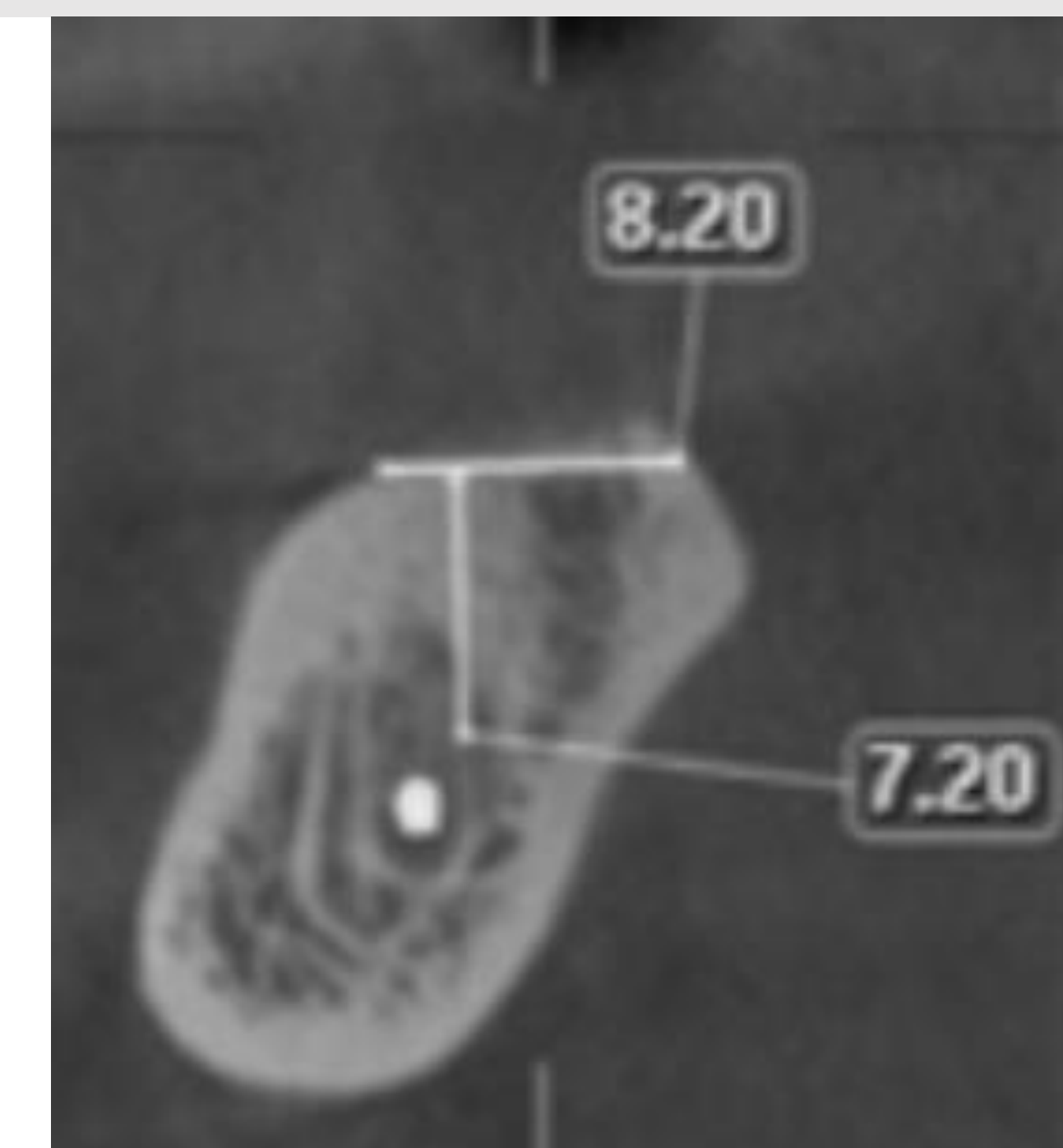
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- **Introduction:** The quantity of bone especially in the posterior regions is commonly compromised due to sinus pneumatization in the maxilla and the inferior alveolar canal in the mandible. There were several approaches to manage such conditions were reported by prosthetic rehabilitation or ridge surgeries

Methods: A prospective study was designed to assess the use of short implants in the posterior mandibular and maxillary regions. A total of ten patients with a total of 14 implants were placed seven in the mandibular posterior region and seven in the maxillary posterior region





All implants attained primary stability during first stage placement. Healing of all the patients was uneventful with the proper instructions delivered and followed by the patients. Patients were recalled for follow-up and suture removal 10 days postoperatively and proper healing process was confirmed. Three to four months later, the second stage surgery was planned, a panoramic radiograph ordered, the implants uncovered, and healing caps fixed in place for proper gingival formation when indicated. Prosthetic stage was started, and all patients received their prostheses. Follow-up extended for a year post-loading. All radiographs also showed proper bone osseointegration.





The limited case count makes this a simple preliminary report providing evidence for future research. Further research with larger samples and longer follow-up of different prosthetic rehabilitation cases is essential to reach a final decision on the use of such implants.