

# Association of emergency profile of restoration and bone plate around implant using cone-beam computed tomography

使用電腦斷層掃描分析假牙外形與人工植牙周圍齒槽骨板的關聯性

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**Purpose:** The aims of this study were to identify the influence of prosthetic features through a comprehensive analysis, and to compare the bone plates around dental implants in cone-beam computed tomography (CBCT).

**Materials and Methods:** Patients with dental implants were allocated into this study. Bite-wing radiographs and CBCT of implants were obtained after loading at least 1 year. Radiographs and CBCT were analyzed to determine the restoration emergence angles, as well as restoration profiles (convex or concave). Bone plates and marginal bone loss were double examined in radiographs and CBCT. The statistical data between different implants were using two sample t-test and chi-square test.