

PP08 - *Clinical evaluation of 52 bone platform-switched implants after average 3.5 years of function.*

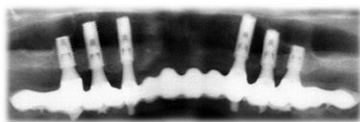
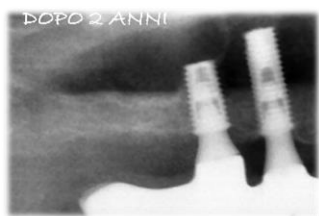
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OBJECTIVES OF INVESTIGATION: The aim of the present study was to evaluate the peri-implant conditions (bleeding on probing (BOP), pocket probing depth (PPD)) and marginal bone loss (MBL, marginal bone level change between follow-up and occlusal loading) around cement-retained implant-supported fixed dentures (IFDs) on bone-level implants (EVEN, Mech & Human, Albignasego, Italy).

METHODS USED: The study was a retrospective cohort study with up to 8 years (mean 3.5 years) follow-up. Patients with cemented IFDs were included. Implant survival, BOP, PPD, MBL, biologic complications (peri-implant mucositis and peri-implantitis) were evaluated.

RESULTS: 9 patients with 52 implants were included. The implant survival rate was 100%. Peri-implant mucositis rate was moderately low (26.92%). Three implants were diagnosed with peri-implantitis (5.76%). After probing the mesial, buccal, distal and lingual aspects for each implant supporting the restoration, we measured a mean PPD of 3.60mm; also, we recorded 34.61% bleeding sites (BOP). The average MBL was 0.91mm, ranging from 0.22 to 3.37mm.



CONCLUSIONS: Despite small population, high implant survival rate was achieved after a maximum 8-year follow-up. Future studies with larger sample size could confirm the favorable outcomes of investigated bone-level implants in terms of MBL.