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ABSTRACTS

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Primary Healing in Oral Implantology.

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Bone Primary Healing (BPH) is characterized by apposition of primary bone at the implant/bone interface. According to the principles of BPH, such healing, similar to post fracture healing, allows for loading dental implants, both in the mandible and in the maxilla, after 45 days from the insertion. The aim of this study was to evaluate the reliability of this method. A total of 452 dental Implant (True Max Implant, Republic San Marino) were inserted in 327 healthy subjects, 184 male and 153 female, age ranging between 27 and 76 year-old (mean 53.5 years). All implants were loaded after 45 days from the insertion. All implants were monitored for stability, periodontal parameters and radiographical assessment of bone height every three months for a total period of 6 years. After 6 years, the rate of success was of 98.7%. Failure was reported in 2.3% of the cases, 1.8% due to periimplant infection, 0.5% due to excessive overload. The results indicate that Bone Primary Healing is an optimal alternative to conventional implantology.

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