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ABSTRACTS

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Immediate implant placement and Bone Primary Healing. In vivo Study.*L. Ottria*, M. Corigliano, A. Barlattani, M. Gargari, S. Andreana***

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Immediate implant placement after tooth extraction is a common procedure in implant dentistry. Bone Primary Healing (BPH) has been advocated as possible healing mechanism after implant placement. The aim of our study was to assess the reliability of the BPH principles in immediate implants. Our protocol show, in absence of deep or marginal infection, three possibilities to insert the fixtures: 1) immediately, 2) at 28 days or 3) after 45 days. In this study we inserted a total of 148 dental implants (True Max Implant, Rep San Marino) in 123 healthy adults, divided in 76 males and 67 females, immediately after extraction. The implants were then loaded after 90 days. Clinical parameters, including radiographical assessment, were checked and collected for a total period of five years at six months intervals. At 5 years, only 2 implants were lost (1.35%). The results of this study indicate that immediate implant placed immediately after tooth extraction can be safely and successfully loaded after 90 days.

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