Evaluation of immediate loading Implants stability in atrophic maxilla with anchorage techniques and crestal bone loss

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Abstract: Technological advances and well design researches, looking forward new materials and less invasive techniques, have allowed dental implantology development, and patient's satisfaction, improving safety and shortly pos-operatory recuperation,. The aim of this research was to evaluate clinically and radiographically implants rehabilitation in atrophic maxilla with protocol type prosthesis, as well as primary and secondary implant stability by resonance frequency analysis and crestal bone loss measured of peri-implant region by periapical radiograph in patients. Seven patients were chosen, three of them were men and four women with atrophic maxilla who were candidates for implants rehabilitation with protocol type prosthesis. Patients were healthy and no smokers. There was no significant statistic difference on resonance frequency analysis between zero and six month period of time. Radiograph analysis showed and small loss of bone, when comparing zero and six month period of time. Just one implant was lost and prosthesis showed 100% success. We concluded that anchorage technique has shown success as literature related and it has to be a great concern related to planning and prosthetic rehabilitation.

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