Immediate loading refers to situations where implant placement and prosthetic loading take place at the same visit or within 48 hours\textsuperscript{1, 2}. Immediate loading offers many potential advantages, such as reduced number of surgical procedures and an immediate esthetic and functional solution, thus not compromising patient’s quality of life.

Several studies evaluating implants from ANKYLOS Implant System\textsuperscript{3–20}, ASTRA TECH Implant System\textsuperscript{21–64} and XiVE Implant System\textsuperscript{65–78} show safe and predictable results when using an immediate loading protocol. The studies cover implants placed in different regions and indications:

- atrophic maxilla\textsuperscript{38, 42, 53, 54}
- single-tooth restorations\textsuperscript{3, 23, 32, 35, 37, 44, 46, 48, 74, 75}
- full-arch prostheses (fixed or removable)\textsuperscript{5, 7–14, 16, 17, 21, 26, 30, 33, 50, 52, 56, 65, 67, 69, 70, 71, 77}
- immediate installation in extraction sockets\textsuperscript{18, 22, 29, 39, 40, 45–48, 55, 60, 76}

Studies evaluating immediately loaded single implants in healed ridges show high survival rates, 98–100\%, after up to 3 years in function\textsuperscript{29, 32, 37, 46, 59, 74}. In addition, a number of studies evaluating single implants immediately placed in extraction sockets show similar high survival rates\textsuperscript{6, 29, 32, 45, 55, 66, 76}.

Results from prospective studies show maintained marginal bone levels when applying immediate functional loading for ANKYLOS implants\textsuperscript{3, 5–8}, ASTRA TECH Implant System\textsuperscript{22, 23, 26–29, 32, 33, 37, 41, 43, 50, 51, 53, 55, 56, 60, 64} and XiVE implants\textsuperscript{65, 67–71, 74} respectively, after up to 5 years of follow-up. Immediately loaded implants may impact patient’s quality of life and results from studies report on high patient satisfaction\textsuperscript{5, 25, 28, 31, 34, 36, 38, 43, 46, 48, 57, 58}.
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The total text contains 54 references.