An analysis and management of fractured implants: a clinical report.

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An analysis of 4,045 implants placed in function during a 5-year period yielded eight fractured implants (0.2%). All fractures had associated marginal bone loss. The majority (six of eight) were supporting posterior prostheses. Parafunctional habits were diagnosed in all patients with fractured implants. Most patients presented with loosening or fracture of prosthetic gold screws or abutment screws prior to fracture. This study reports on the treatment of fractured implants accomplished by refacing the fractured titanium and adapting new abutments or replacing the entire implant with subsequent prosthesis refabrication.