

How to Manage a Compromised Implant

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Dental implant treatment is considered a highly predictable therapy with a high long-term survival rate. However, various mechanical and biological complications can occur in clinical practice. If these complications are not properly managed, they may cause patient discomfort and eventually lead to implant failure, sometimes requiring complex retreatment. Therefore, clinicians must be able to accurately diagnose the problem and select an appropriate treatment strategy for each situation.

In this lecture, practical management strategies for “compromised implants” that are commonly encountered in clinical practice will be discussed. Mechanical complications such as screw fracture, abutment fracture, implant fracture, and prosthesis fracture will be reviewed, focusing on clinical management and retreatment strategies.

In addition, the diagnosis and treatment strategies for the biological complication, peri-implantitis, will also be discussed. Treatment approaches according to the stage of peri-implantitis, the indications for non-surgical and surgical treatment, and clinical criteria for deciding whether to maintain or remove the implant will be presented with clinical cases.

This lecture will not simply list complications, but will focus on the clinical decision-making process—how clinicians diagnose the problem and determine the appropriate sequence of management. The goal of this lecture is to present practical clinical strategies that help clinicians manage implant complications in a more systematic way and achieve stable long-term outcomes in implant therapy.

Profile

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