

Management of Peri-Implantitis

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Recently, the terms of implant complications have been no longer unfamiliar. The biological problem of peri-implant had been reported at approximately 10% for implants and 20% for patients. This means that it is important to identify and manage risk factors even after loading.

There are many literatures and reports defining peri-implant mucositis and peri-implantitis and introducing non-surgical and surgical approaches to it. These authors have reported that implant mucositis is effective in non-surgical treatment. This means that problems around implants should be approached as immediately as possible. This is why complicated and difficult surgical steps can be avoided if the problem can be resolved before it affects marginal bone and tissue.

It is difficult to expect desired outcomes with only non-surgical treatment, when the bone destruction of the marginal area is clearly recognized for various reasons and eventually diagnosed as peri-implantitis,. The type of surgery can be selected by controlling inflammation as much as possible with non-surgical treatment and considering the following factors.

- 1) Can the prosthesis be removed?
- 2) Can you rebuild an environment that facilitates plaque control?
- 3) What is the expected probing depth?
- 4) Is implant surface decontamination possible?
- 5) Is bone reconstruction possible?

Depending on the type and shape of the bone defect, the type of procedure can be selected. However, the process of finding the cause that led to peri-implantitis should be followed for preventing recurrences.

The location of implant placement is the most important than any other factor, and the bone level of the adjacent teeth should also be considered. In recent literature, risk factors from a prosthetic point of view (shape, emergence profile, embrasure, etc.) are also considered as variables, and if one of the suspected causes is a problem with implant prosthetics, it is recommended to be corrected or replaced.

In precious time, I'd like to review the step-by-step process and share cases of managing peri-implantitis. Finally, it will be meaningful to take times to discuss risk factors and solutions from a multidisciplinary perspective with great experts.

Profile

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