

## The guidelines for using microscope in the dental implant surgery

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In this session, I will describe the characteristics of periodontal microsurgery which technique can be applicable to the dental implant microsurgery. Then I'd like to discuss advantages & disadvantages in utilizing microscope in the dental implant surgery

Taking into account of these, I'd like to suggest the guidelines as follows

- 1) Using microscope is effective in incision, dissection, debridement of the bone and the root surface in the surgical area, and observation of extraction socket / drilling hole.
- 2) Surgical loupes(x3.5~5) is an alternative option when drilling procedure.
- 3) It's easy to manipulate under the microscope in releasing incision.
- 4) Surgical loupes(x3.5~5) also work well in the 5-0 ,6-0 mattress suture.
- 5) Microscope allows to establish 7-0 correct apposition suture with visual control.
- 6) Using microscope is recommended when harvesting bone from ramus, or sinus lift procedure because of the fine visual access.
- 7) Using microscope is recommended in 7-0 suture removal as well.

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