

Basic principle
& Attachments

✿ Basic principle

✿ Attachments

- ✿ implant retained, supported, fixed
- ✿ Bar, Magnets or Stud
- ✿ Kerator

Basic Principle for an Easy Prosthesis

(Fixed prosthesis or overdenture)

- ✿ **Implants should be placed on the right place & parallel perpendicular to the occ. Plane as possible**



What do you think about the incorrect position ?

✿ Fixed case

✿ Overdenture case

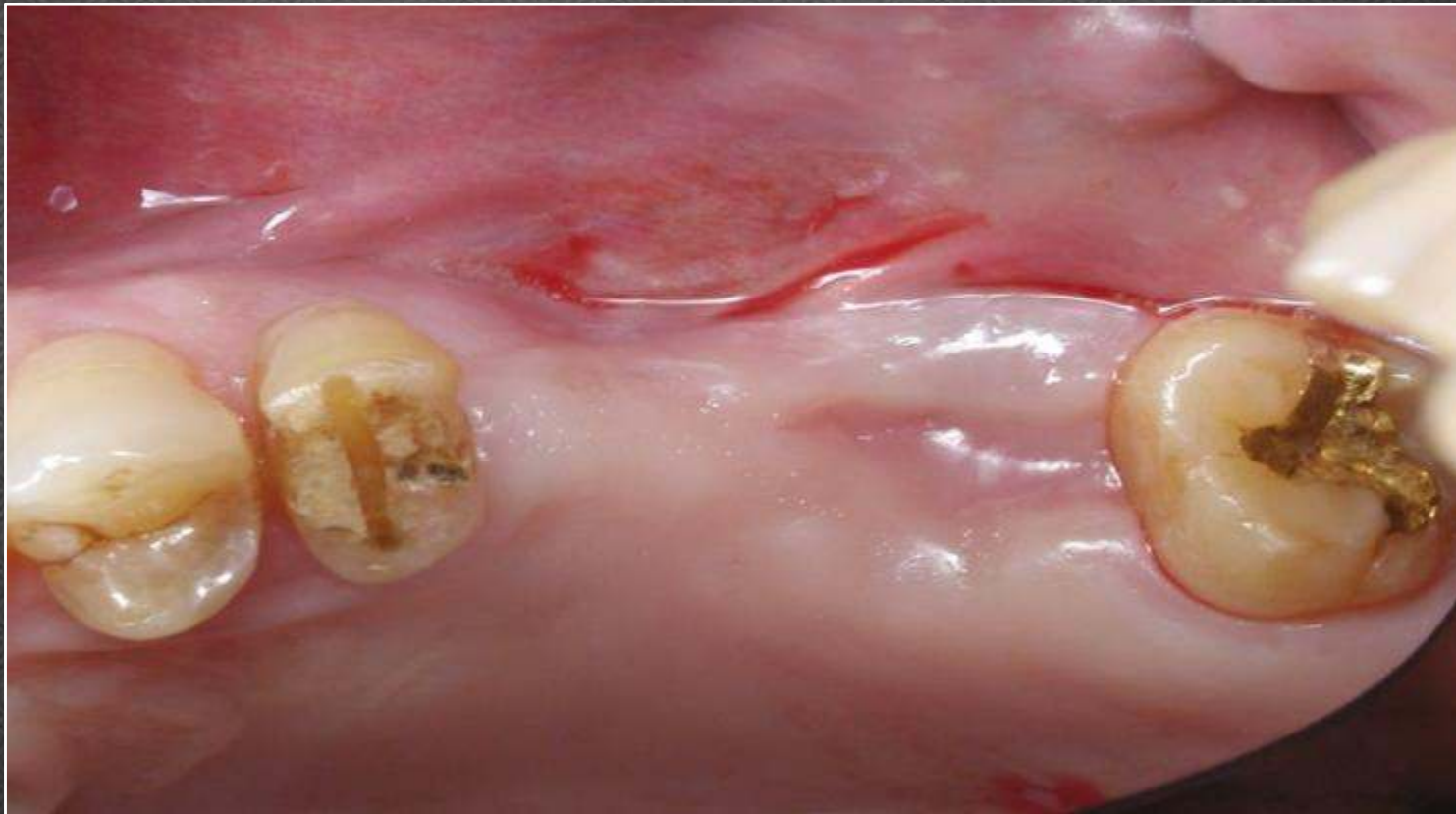


**Bone graft does everything
if implants were placed in incorrect
position ?**



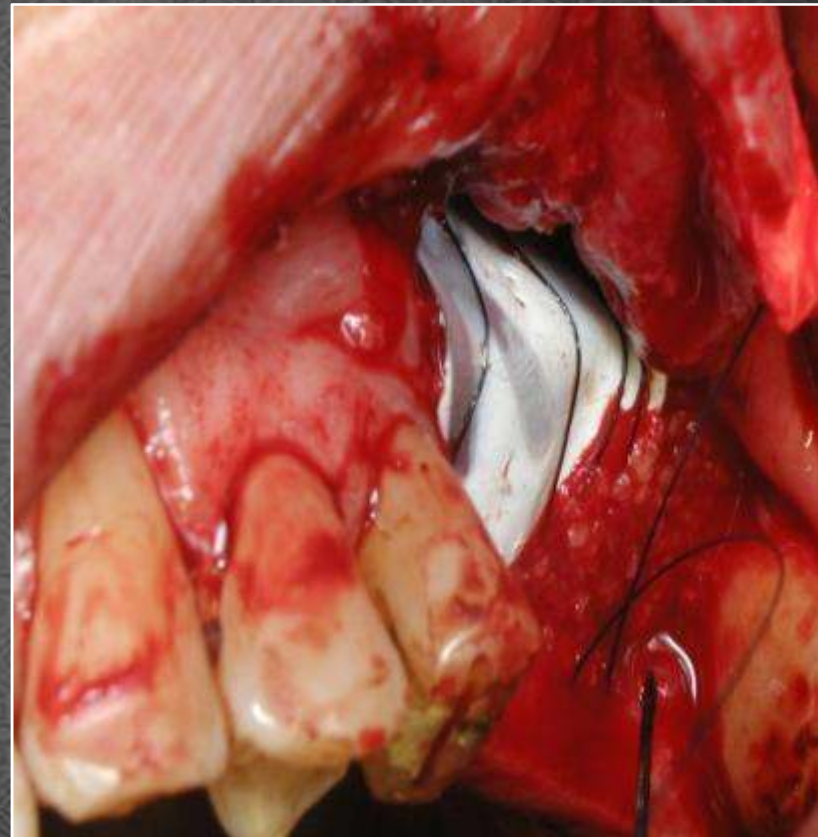
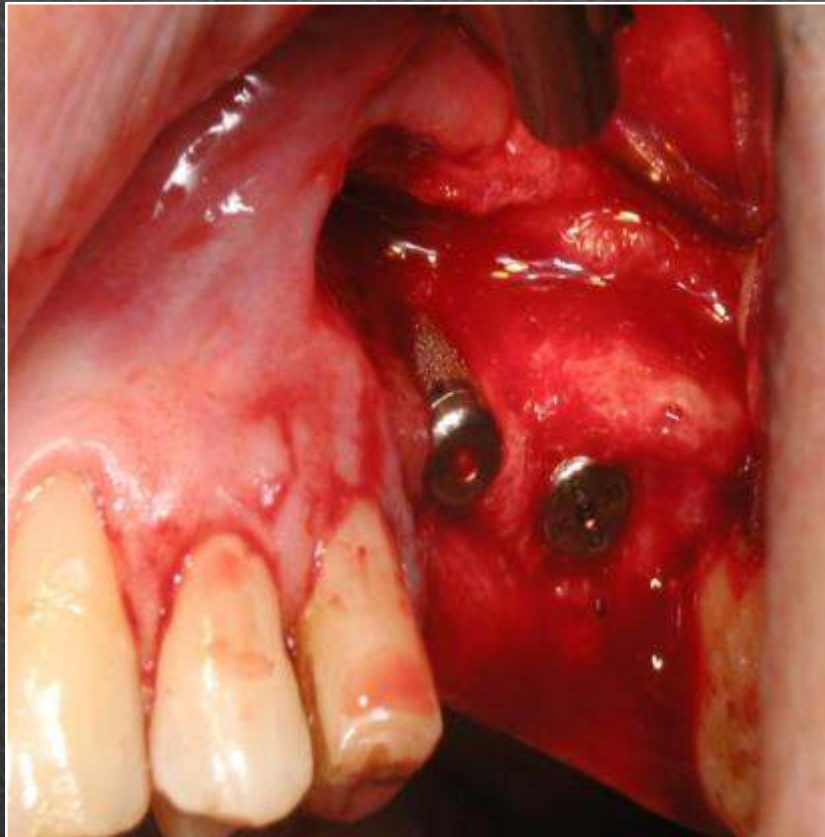
Fixed case

✿ 70 year old male, # 26, 27



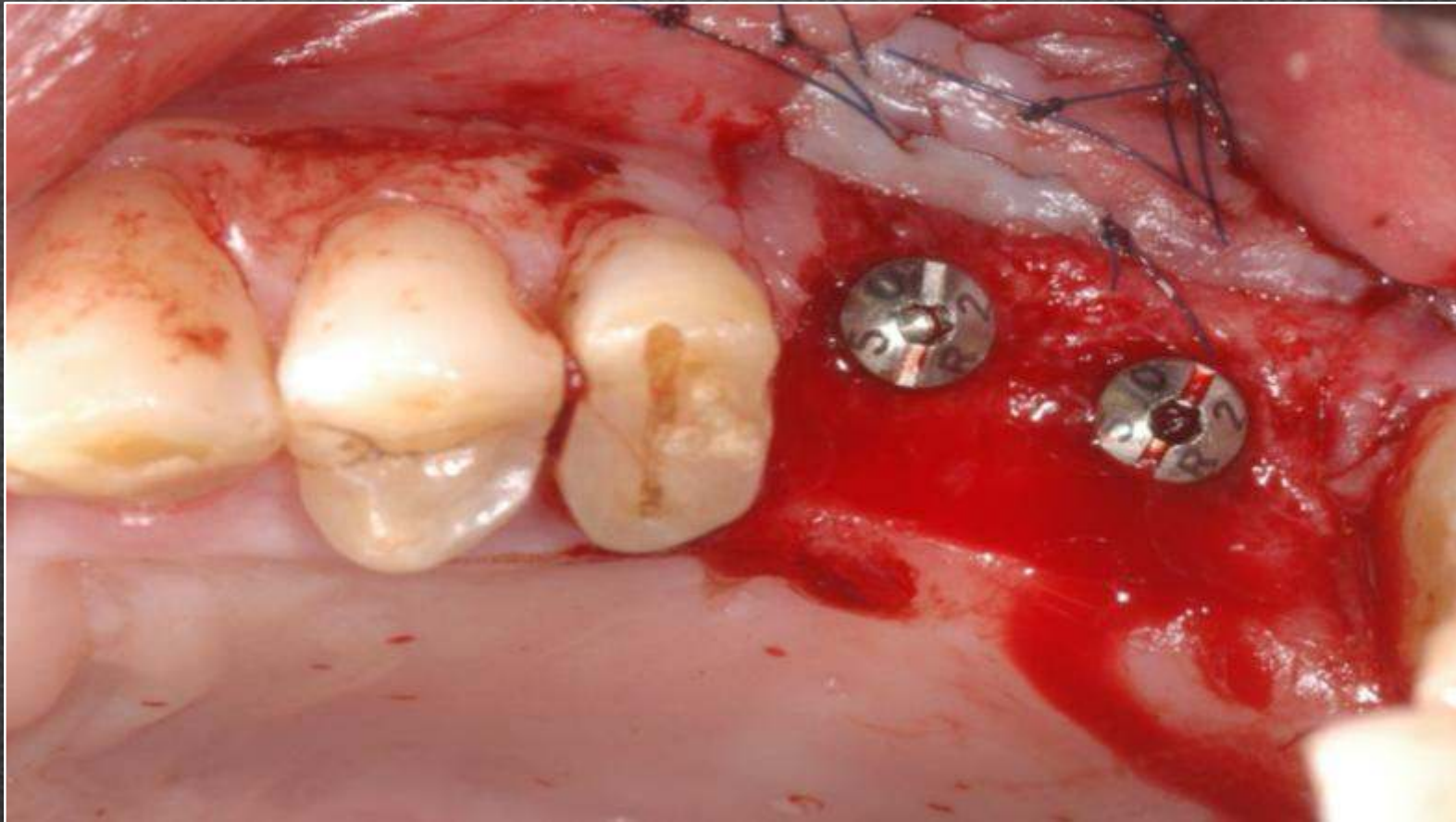
04. 12. 06

The incorrect positioned implants with bone graft



04. 12. 06

Apically positioned flap after buccal bone was made



05. 05. 09

Frequent Perio.Problems even after the perio.control.



05. 07. 07



05. 12. 16

Bone graft again



05. 12. 16

Bone graft again



06. 02. 24

Looks properly healed ?



05. 07. 07

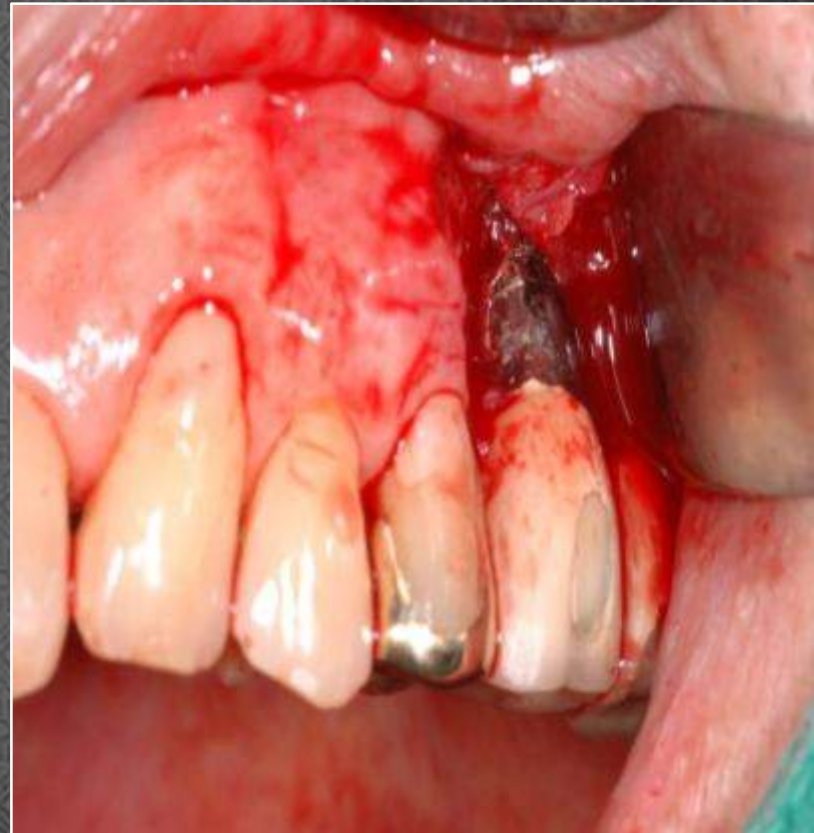


06. 02. 24

**Pt. was uncomfortable even
1.6 years later after re-bone graft**

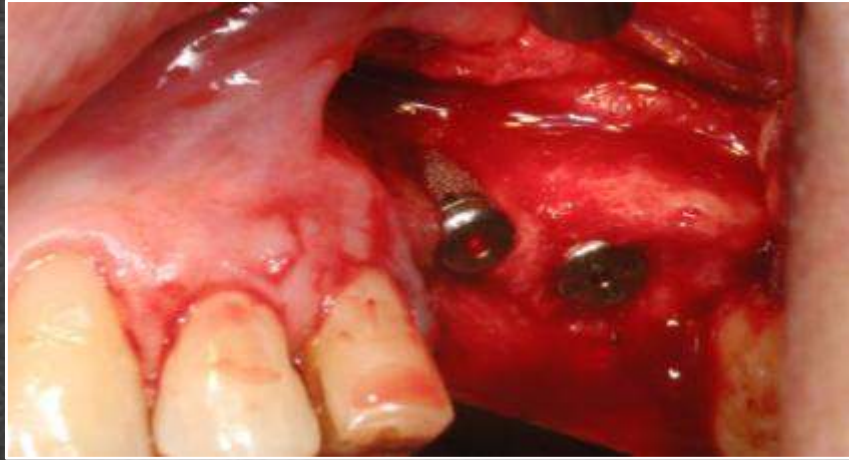


07. 08. 29



Extraction

Replantation after healing and no problem until now



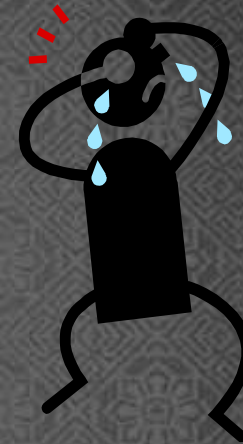
04. 12. 06



08. 01. 17

What was so problem?

- ✿ Improper occ. load
- ✿ Perio. control is difficult
- ✿ Bone graft is difficult



So, Correct implantation from the start is important

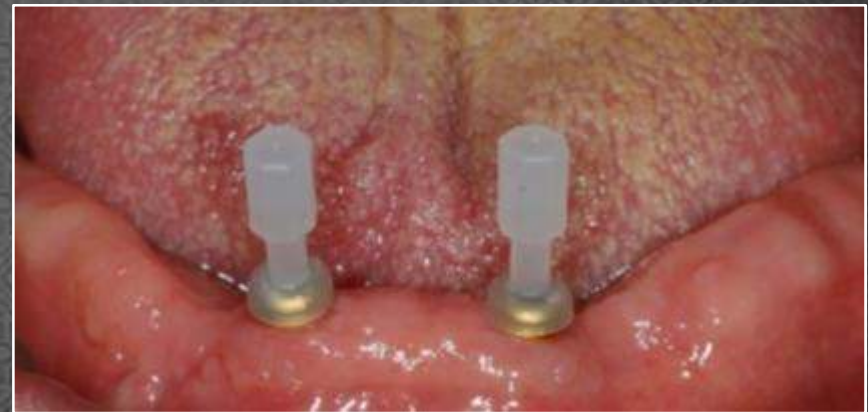
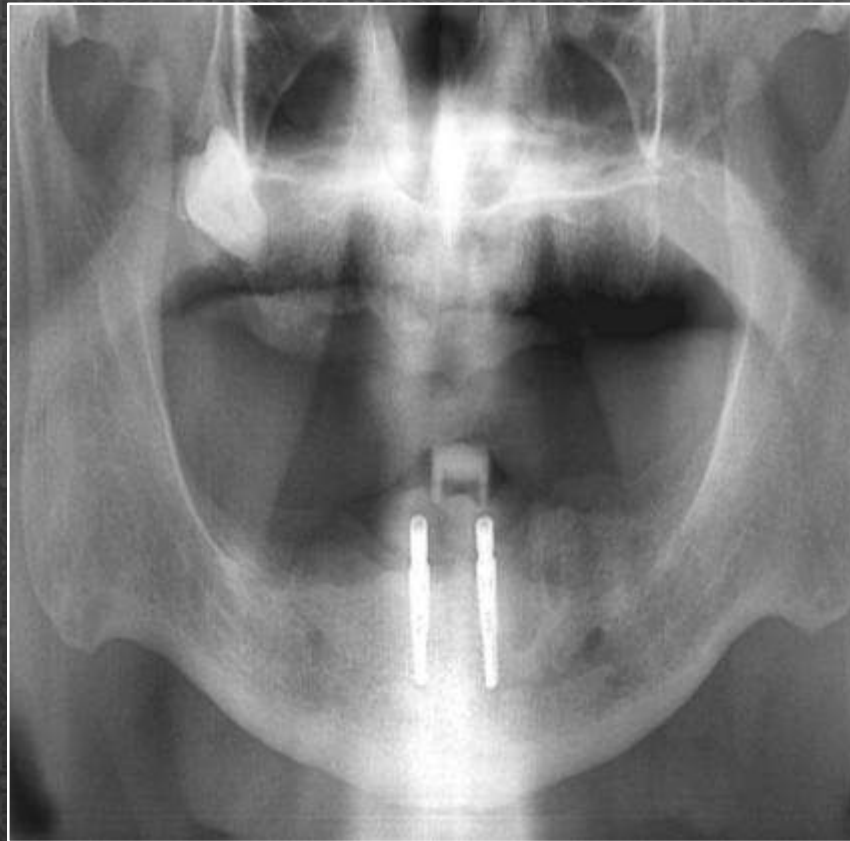
How to prevent ?



✿ Simple Surgical stent



Overdenture Case



Overdenture can also be simpler & easier with correct position & angle of the implants (Slightly lingual position is OK)

Location

- ✱ Poor location of implant for stud attachment will result in unfavorable rotation and movement of denture causing discomfort and pain upon chewing