

Dentium

Suture & Incision

NEW

# Purpose of the Suture methods

- ✓ Wound closure
- ✓ Bleeding control
- ✓ Blood clot stabilization
- ✓ Soft tissue adaptation
- ✓ Graft fixation
- ✓ Membrane fixation
- ✓ Tagging suture

# Suture methods

## Interrupted suture

Simple interrupted suture

Figure of 8 suture

Mattress suture

## Continuous suture

Mattress suture

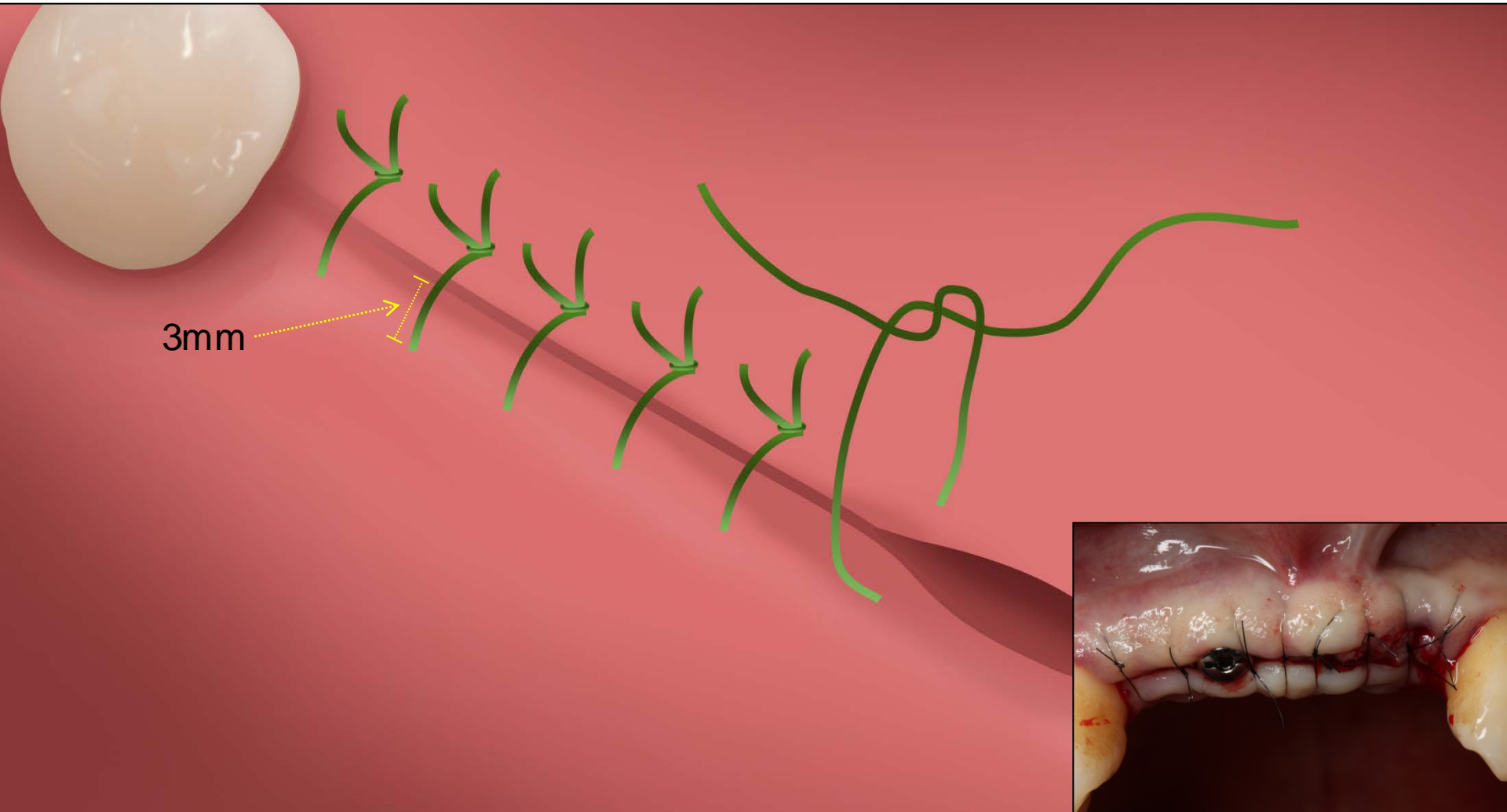
Locking suture

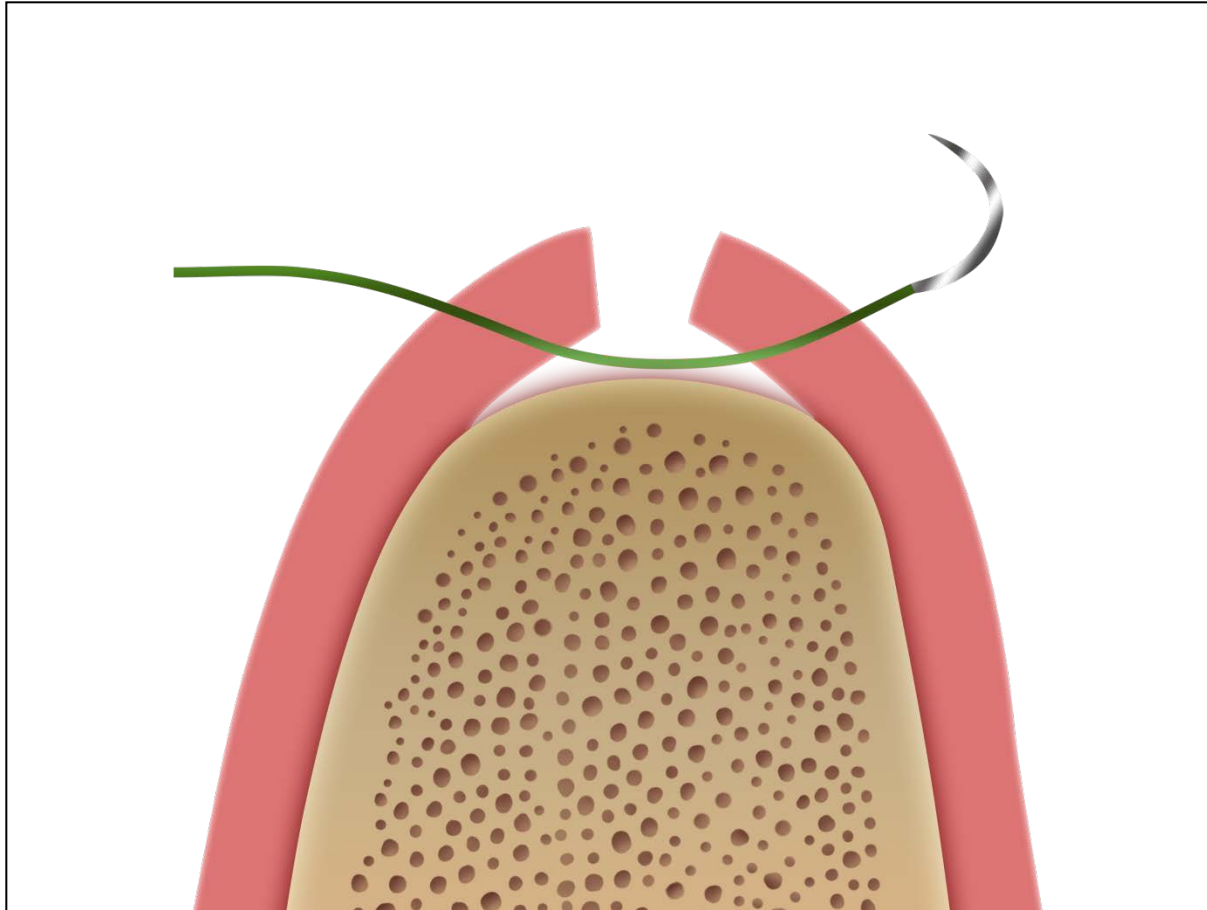
Criss cross suture

- ✓ Mattress suture
- ✓ Inverting, Everting, Cross mattress, Mattress sling
- ✓ Anchor suture
- ✓ Sling suture
- ✓ sling, Continuous locking suture
- ✓ Periosteal suture

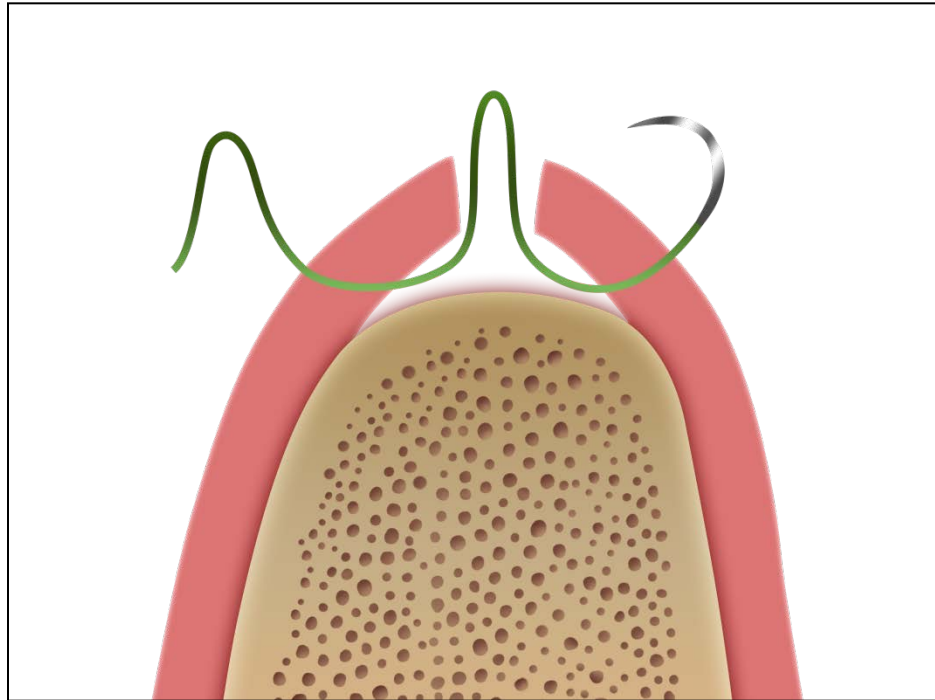
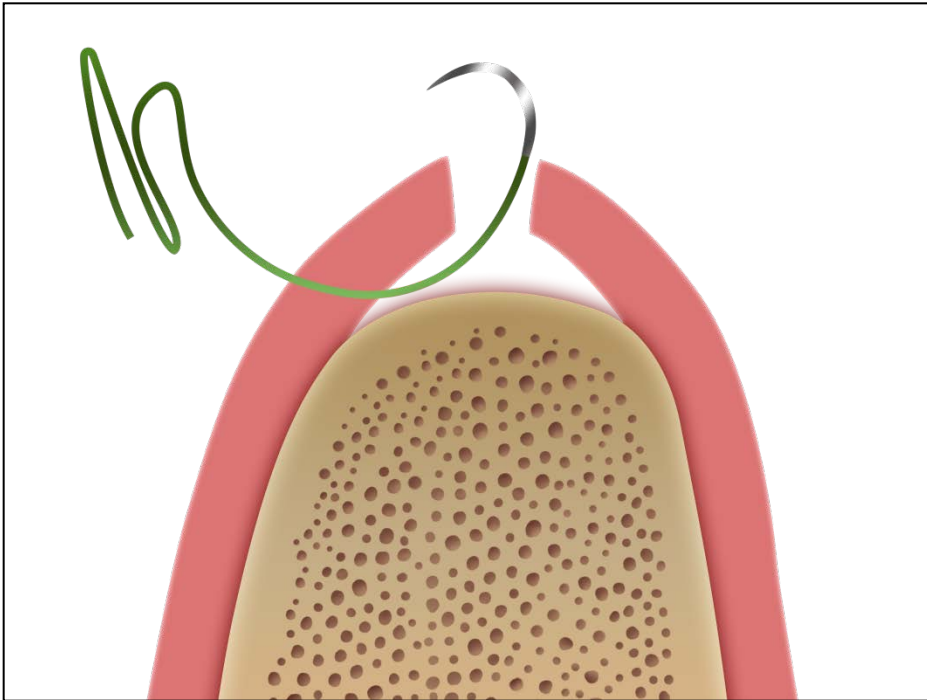
# Interrupted suture

3mm from wound margin



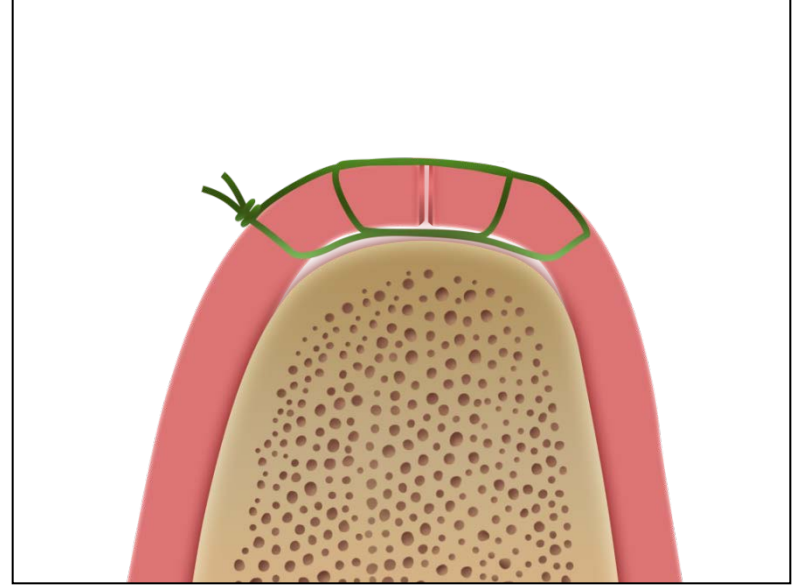
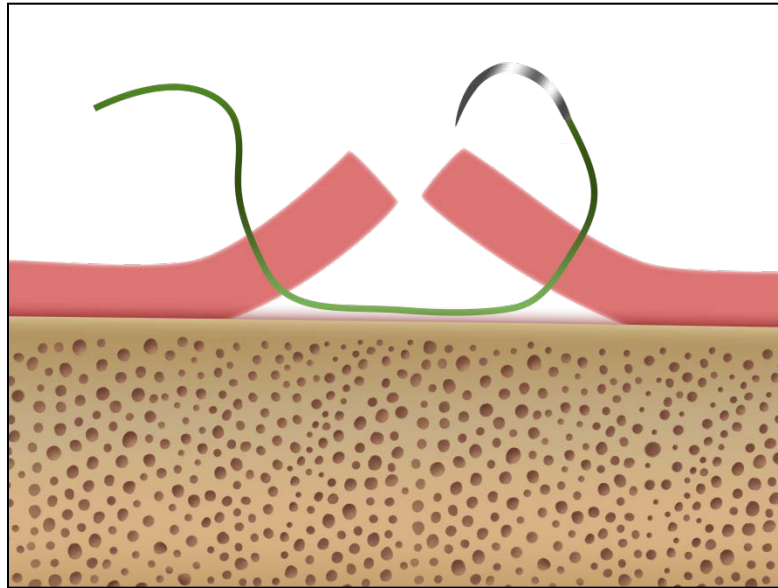
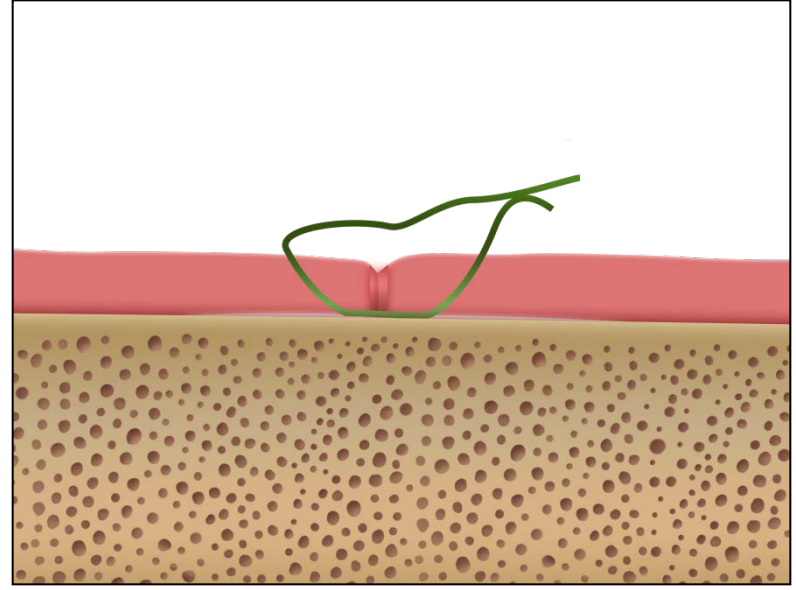
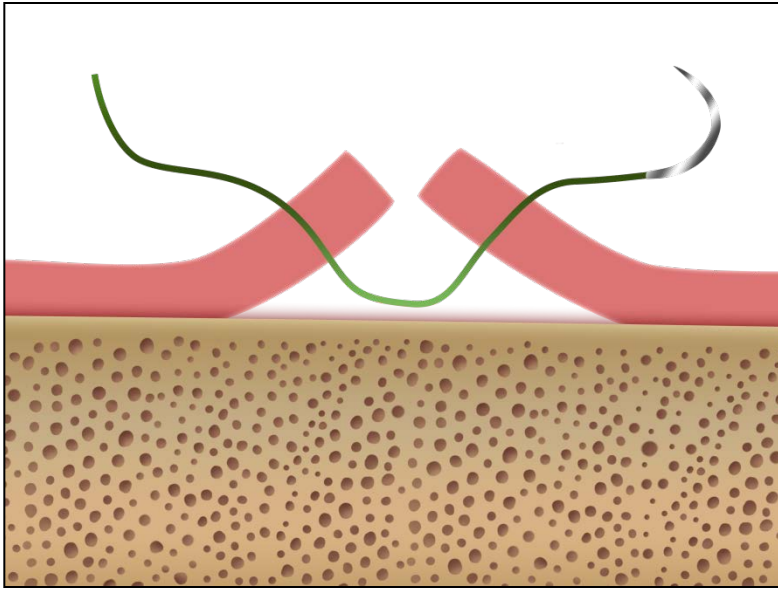


**Suture** Don't connect the two flaps at once

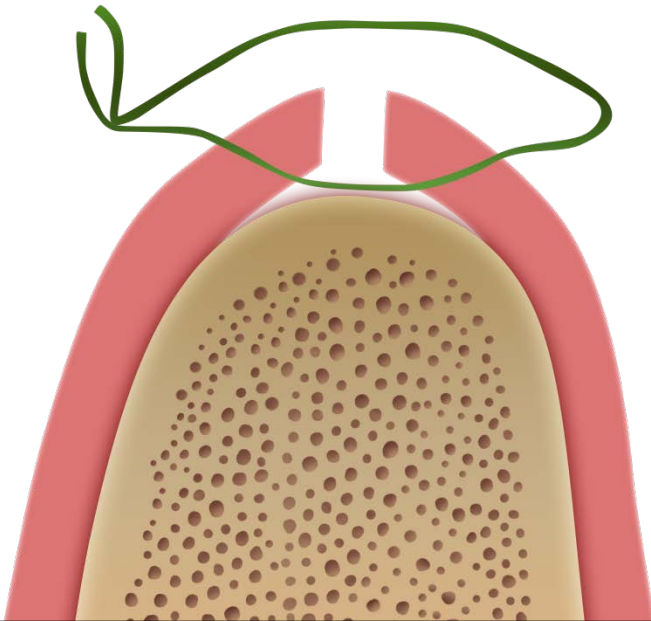


**Suture** Don't connect the two flaps at once  
Connect the flaps in twice

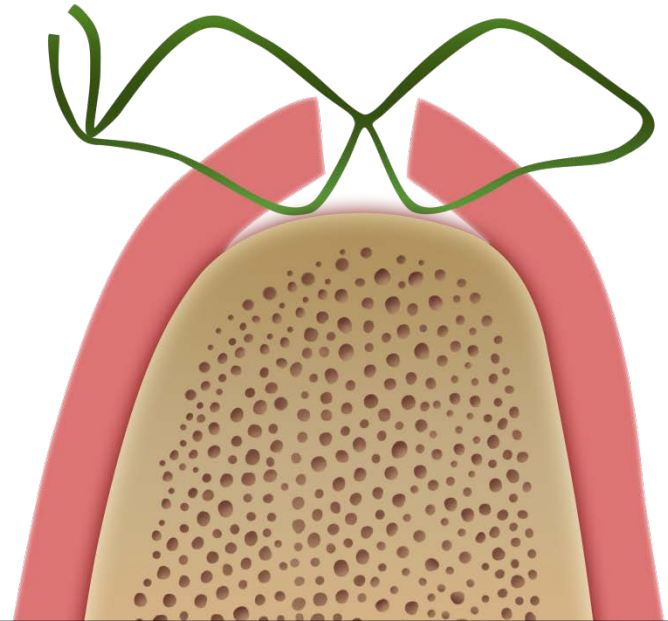
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**Modified mattress suture [Mattress sling suture]**

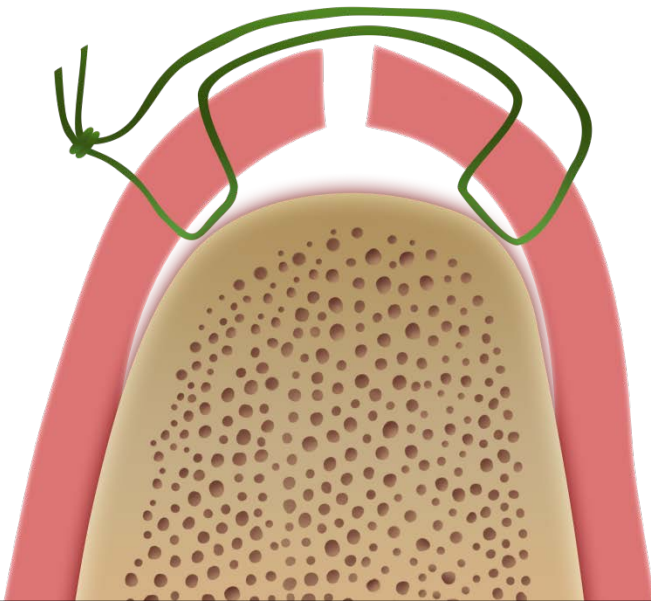


**Simple interrupted suture**

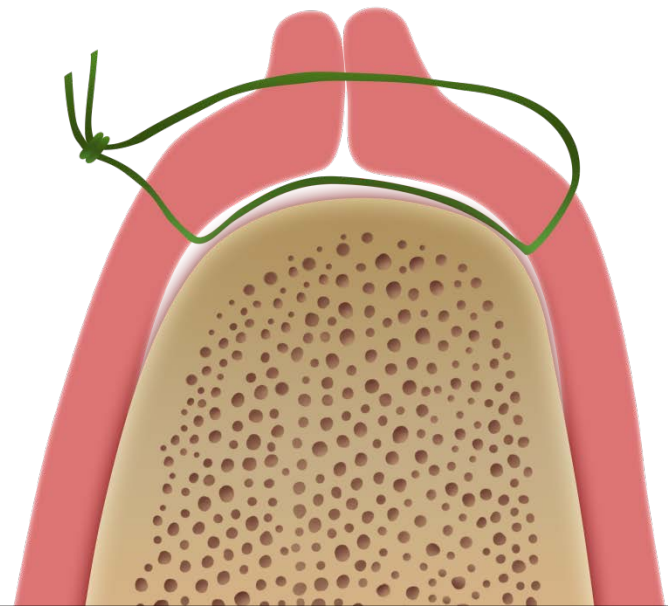


**Figure of 8 suture**



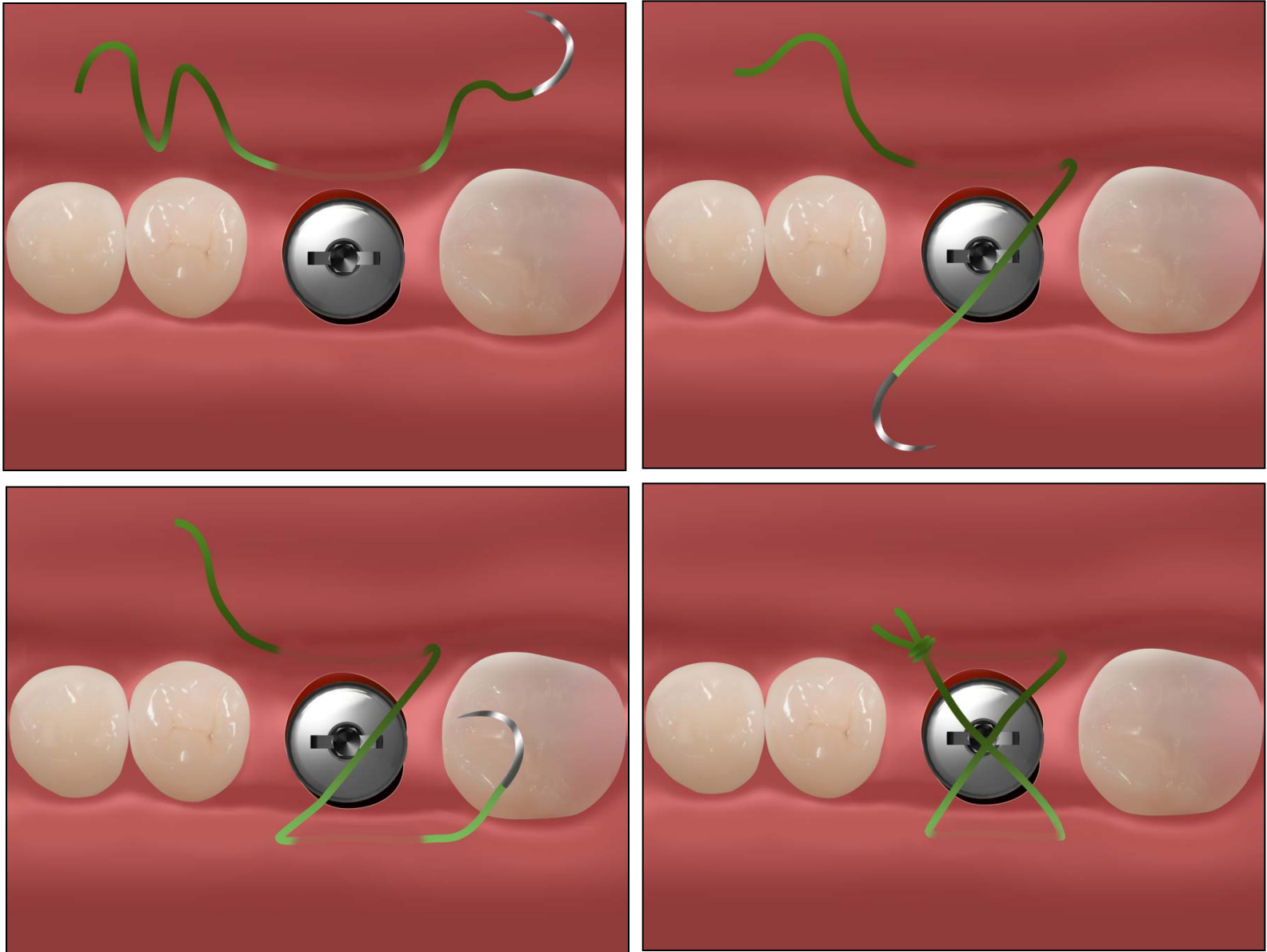


**Inverting mattress suture**  
To use when the flap is pressed  
Ex) Pocket reduction, Crown lengthening



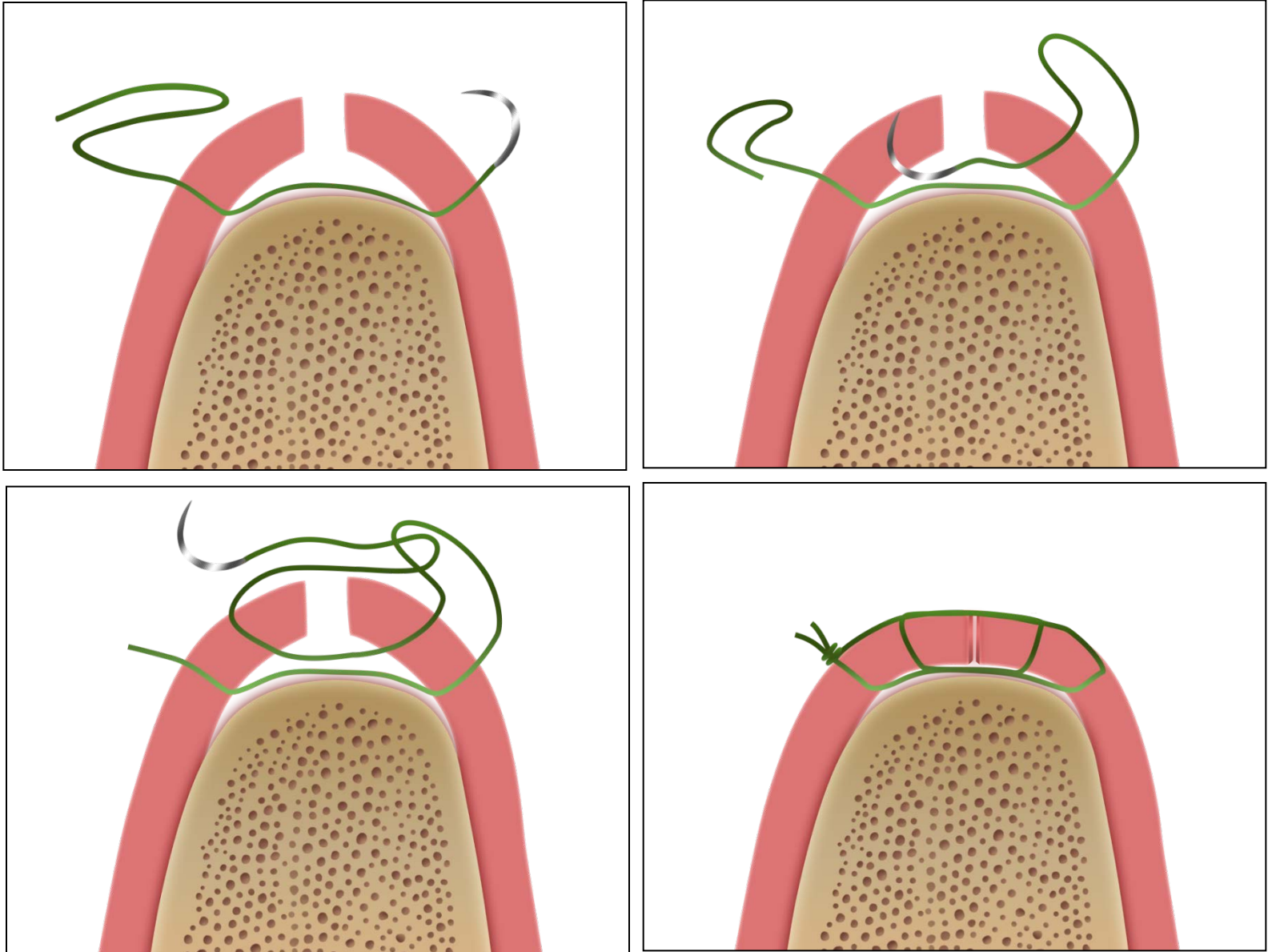
**Everting mattress suture**  
Ex] Bone augmentation

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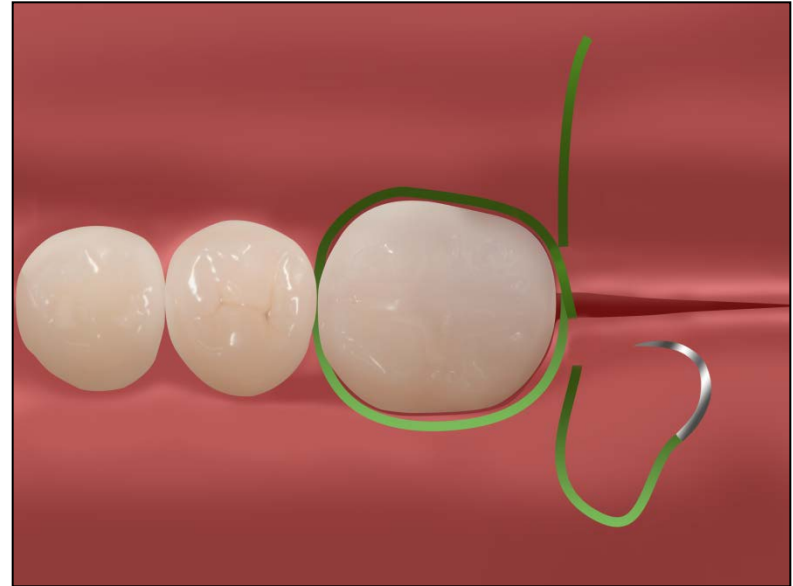


Cross mattress suture

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**Modified mattress suture [Mattress sling suture]**

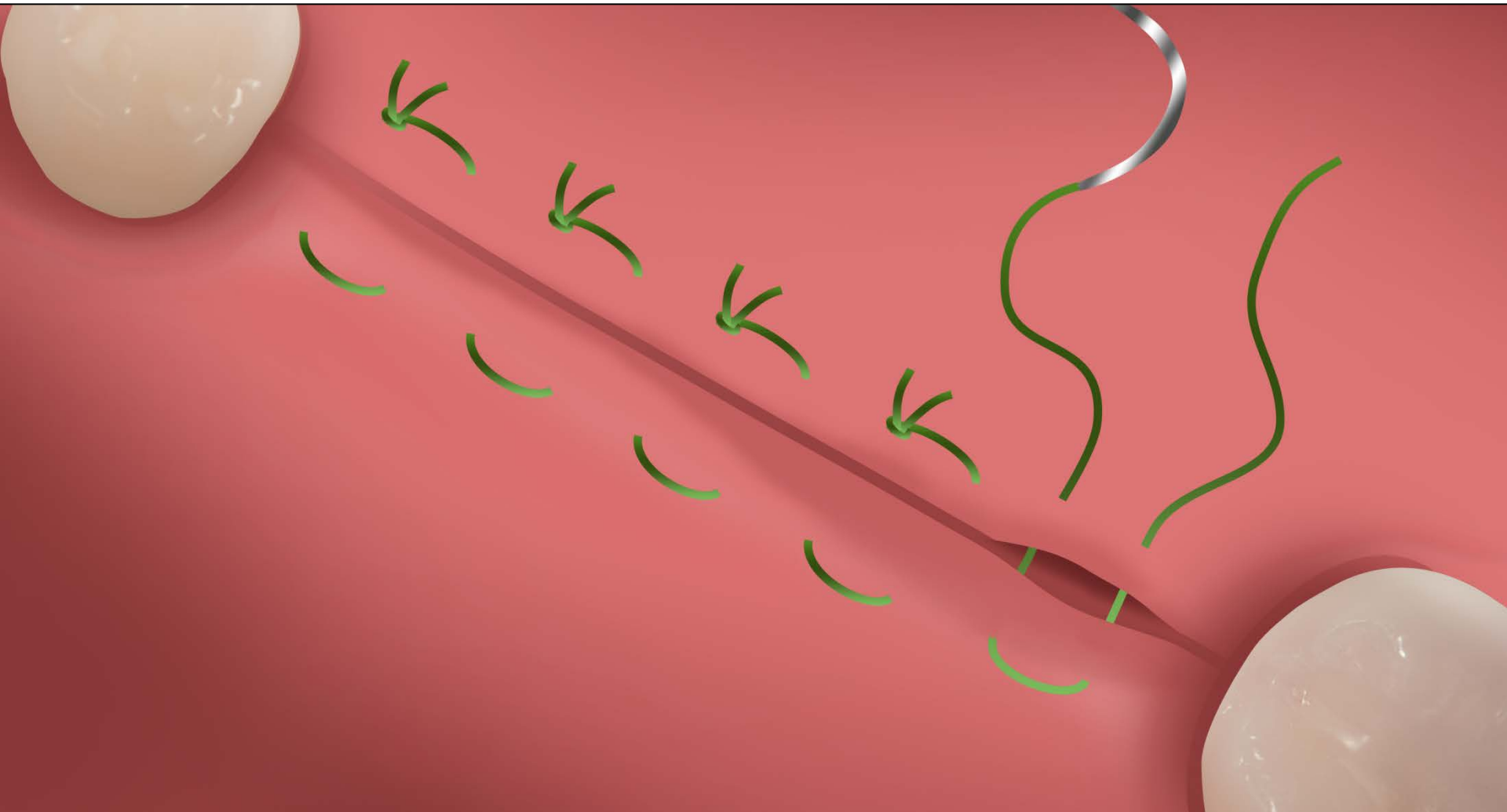


## Anchor suture

This anchor suture is sometimes used for the tight adaptation of flaps in the vicinity of natural teeth.

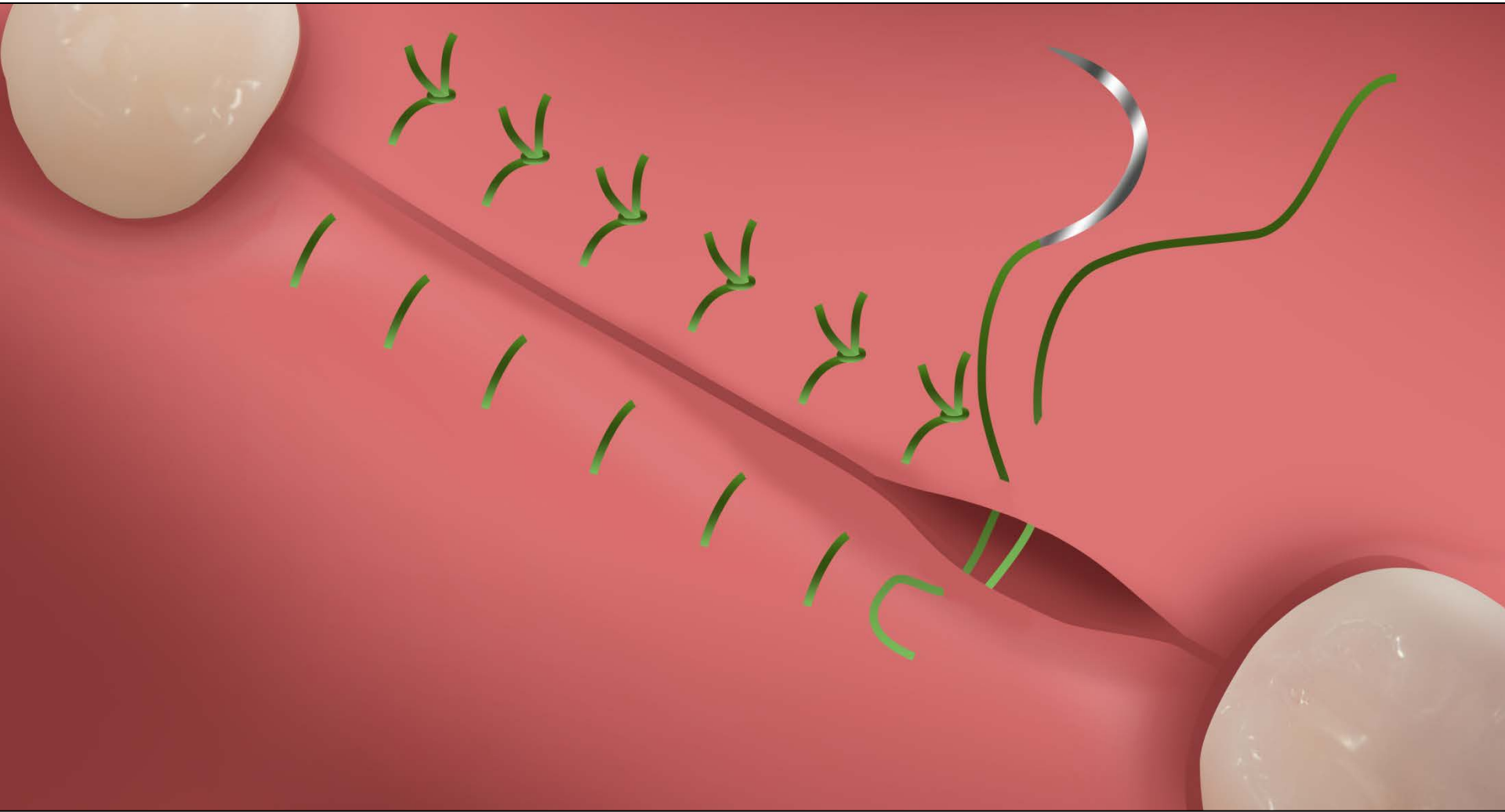
# Horizontal Mattress suture

Everting suture technique, Spreads tension along a wound edge.

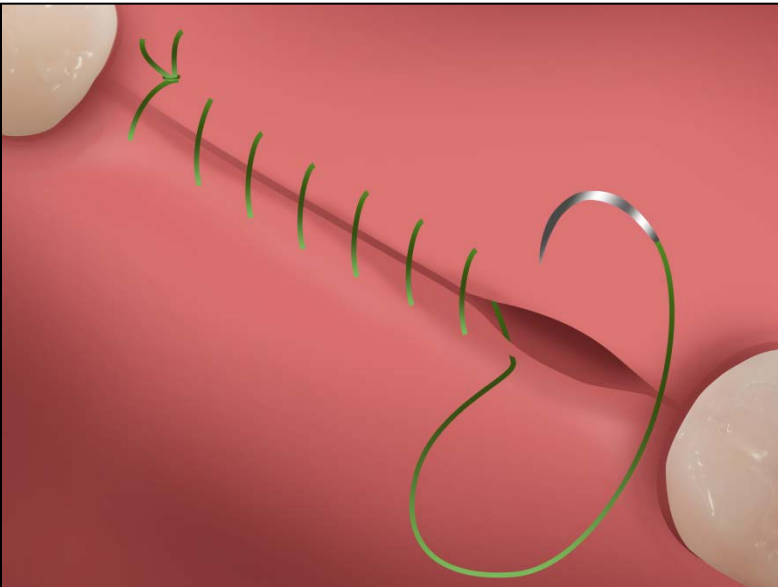
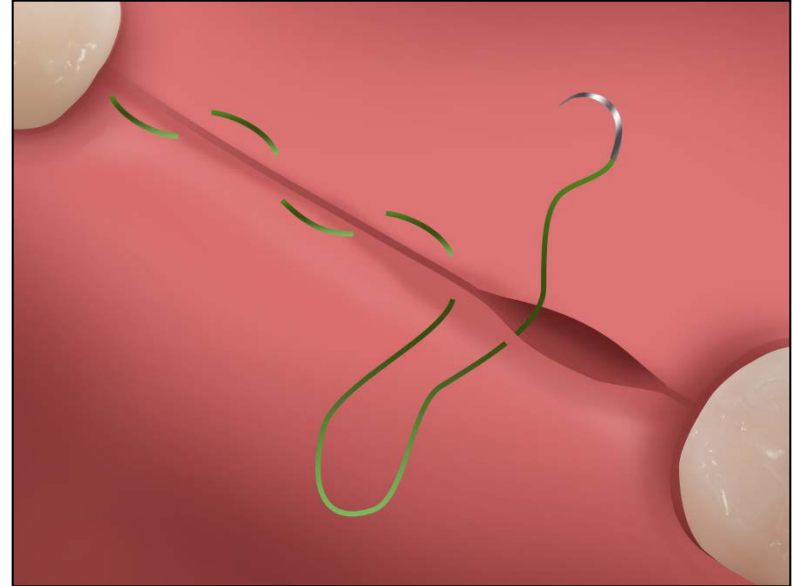
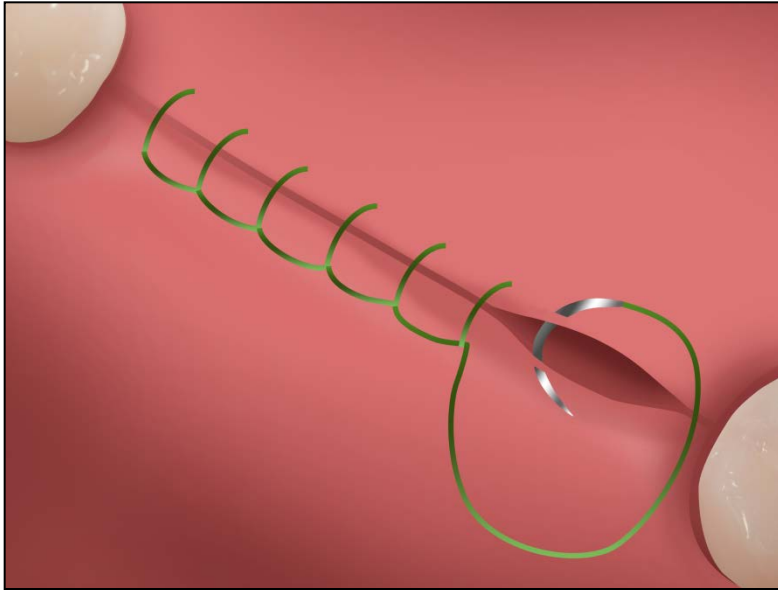


# Vertical Mattress suture

To evert the edges







## Continuous Suture

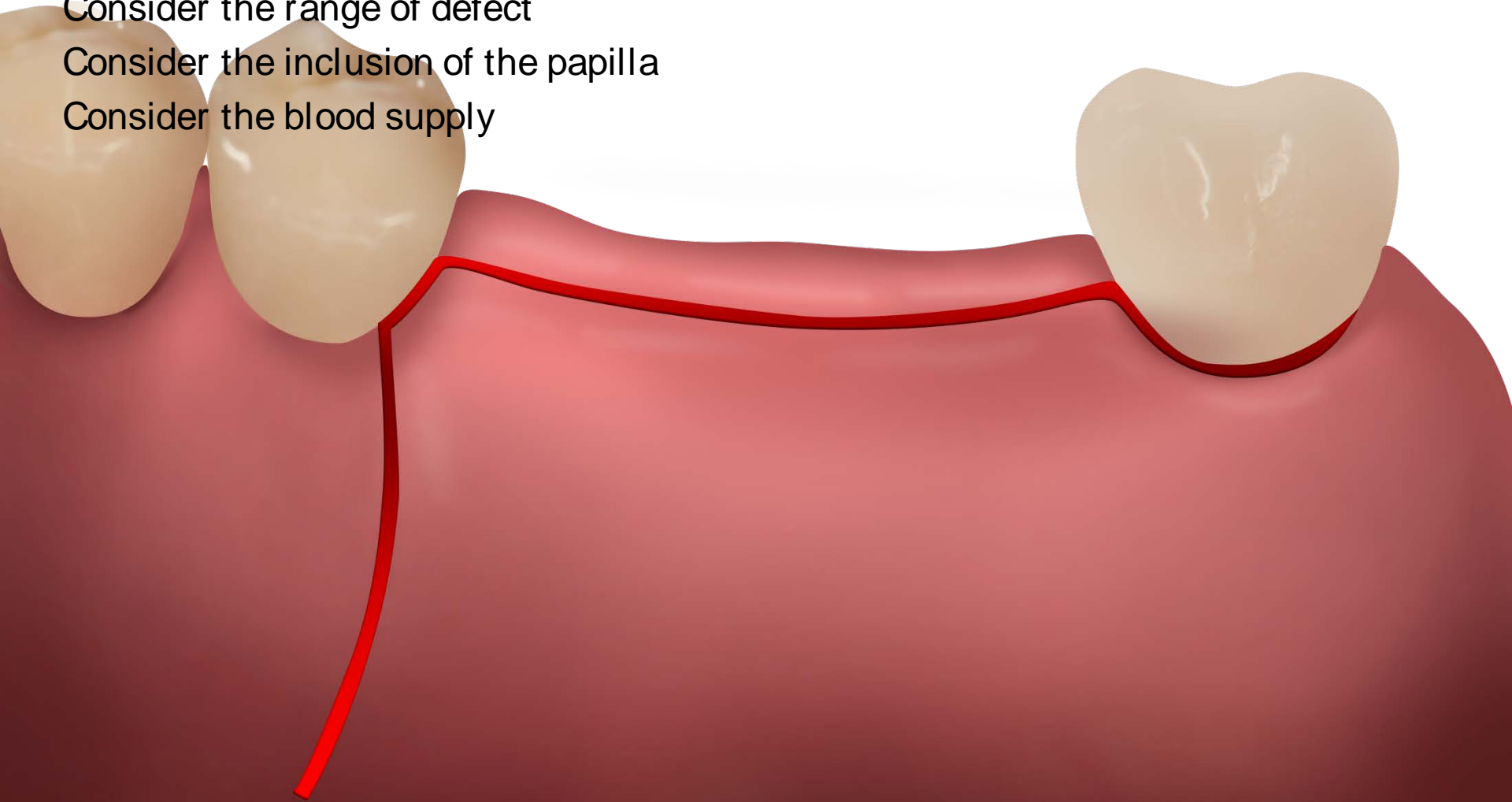
Continuous sutures have the advantage of evenly distributing the wound tension.

# Vertical incision

Consider the range of defect

Consider the inclusion of the papilla

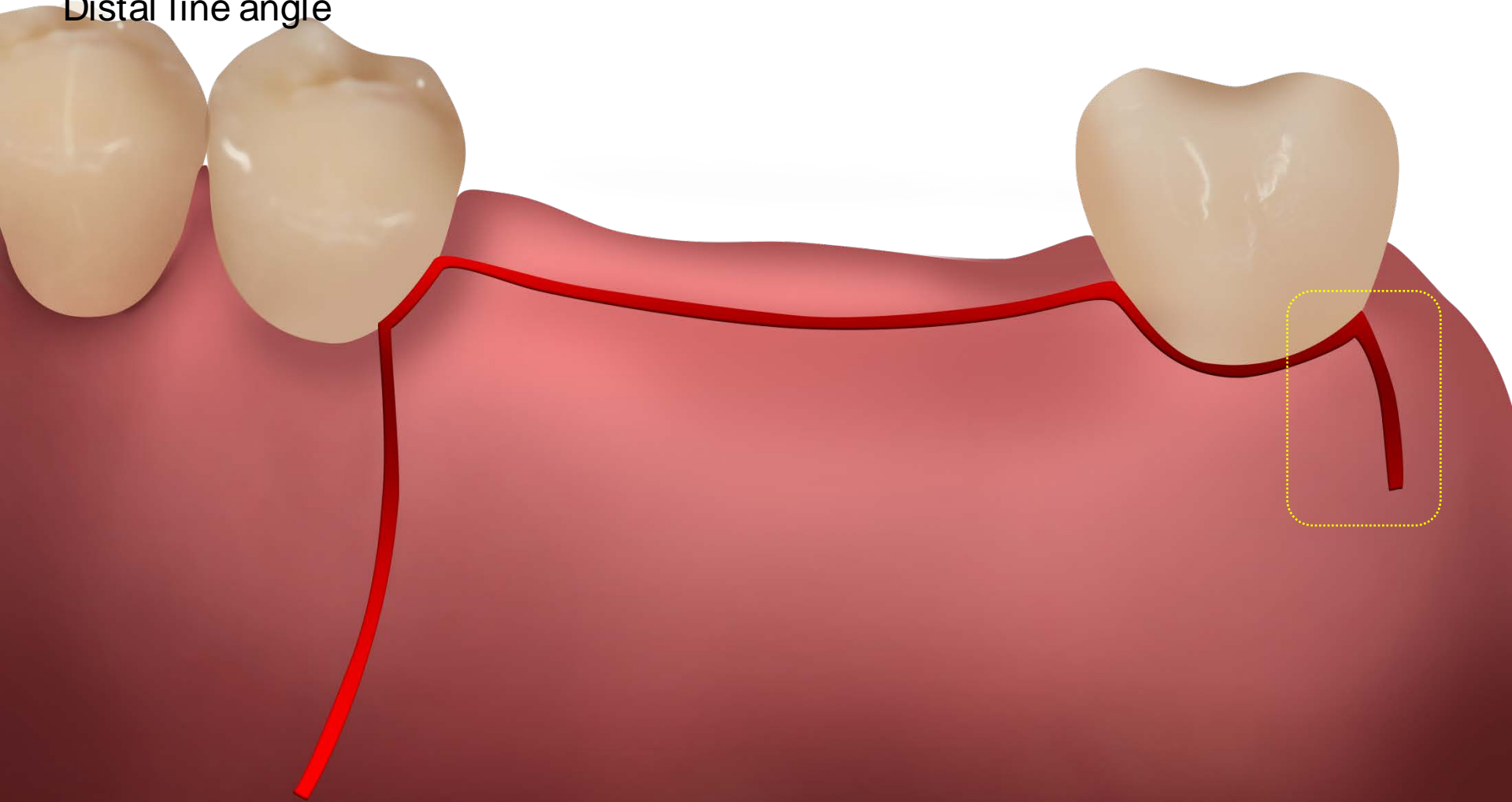
Consider the blood supply





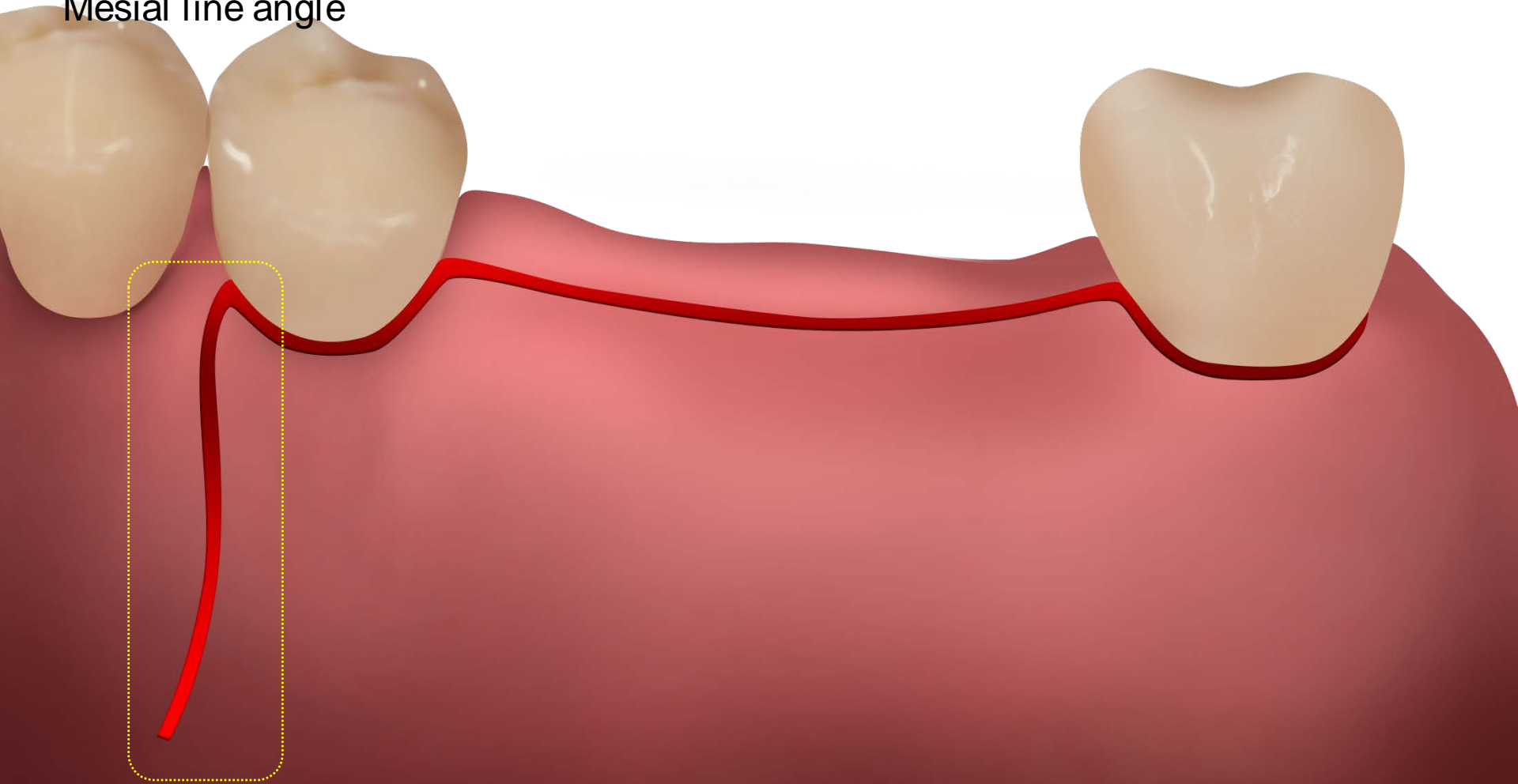
# Vertical incision

Distal line angle



# Vertical incision

Mesial line angle



# Vertical incision

Papilla preserved incision

