

# MANAGEMENT OF AVULSED PERMANENT TEETH

**The tooth has been replanted at the site of injury or before the patient's arrival at the dental clinic**

Clean the injured area with water, saline, or chlorhexidine.

Verify the correct position of the replanted tooth

Leave the tooth/teeth in place

Local anesthesia (with no vasoconstrictor.)

Replanted in the wrong socket or rotated- Repositioning the tooth/teeth into the proper location up to 48 hours after the traumatic incident.

Passive flexible splint- 2 weeks ;Alveolar or jawbone fracture- 4 weeks

Suture gingival lacerations

CLOSED APEX- Root canal treatment- within 2 weeks after replantation

OPEN APEX- Revascularization /apexification, pulp revitalization/revascularization, or root canal treatment

Administer systemic antibiotics; Check tetanus status

Post-operative instructions ; Follow up.

**The tooth has been kept in a physiologic storage medium or stored in non-physiologic conditions, with the extra-oral dry time less than 60 minutes**

Rinse the root surface- saline or osmolality-balanced media

Examine the patient clinically and radiographically

Local anesthesia (with no vasoconstrictor.)

Irrigate the socket- sterile saline

Examine the alveolar socket- reposition the fractured fragment into its original position

Replant the tooth slowly with slight digital pressure. Verify the correct position of the replanted tooth

Passive flexible splint- 2 weeks; alveolar or jawbone fracture- 4 weeks

Suture gingival lacerations

CLOSED APEX- Root canal treatment- within 2 weeks after replantation

OPEN APEX- Revascularization /apexification, pulp revitalization/revascularization, or root canal treatment

Administer systemic antibiotics ; Check tetanus status

Post-operative instructions ; follow up.

**Extra-oral dry time longer than 60 minutes**