



Sports Dentistry On Web Trauma Card



AVULSION

- 1- Remember that only permanent teeth should be replaced.
- 2- Avoid additional trauma to tooth while handling, do not handle tooth by the root, do not brush or scrub tooth, do not sterilize tooth.
- 3- If debris is on tooth, gently rinse with saline loaded in disposable Syringe or water for 10 seconds.
- 4- If possible, re-implant tooth and stabilize by biting down gently on a towel or handkerchief. Do that only when athlete is alert and conscious.
- 5- If immediate re-implantation is not possible : **best-** if available ,place Tooth in specially formulated cell culture media as hank's balanced saline solution- HBSS "save a tooth" in the specialized transport container, or in a container filled with Viaspan. **2nd best-** place tooth in milk. **3rd best-** tooth is placed under athlete's tongue, only when the athlete is alert and conscious, or in a container into which the athlete spits. **4th best-** wrap tooth in saline-soaked gauze, and remember don't let the gauze get to dry! **5th best-** place tooth in a plastic bag. **6th best-** place tooth in a cup of water, water is the least desired storage medium because it causes rapid cell death, and increase inflammation on re-implantation.
- 6- Transport immediately to dentist, **re-implant within 15-20 minutes has the highest degree of success rate.**



EXTRUSION

- 1- Use axial finger pressure on the tooth edge and gently reposition tooth to its original position.
- 2- Stabilize the tooth by gently biting on towel or handkerchief.
- 3- Transport immediately to dentist.



INTRUSION

- 1- Do nothing, avoid any repositioning of tooth.
- 2- Transport immediately to dentist.



LATERAL LUXATION

- 1- Try to reposition tooth using finger pressure.
- 2- Repositioning requires disengagement of the tooth from its bony lock, and athlete may require local anesthetic; if so stabilize the tooth by gently biting on towel or handkerchief.
- 3- Transport immediately to dentist.



CROWN FRACTURE

- 1- Save the broken portion(s), and bring to the dentist as described under avulsion, item 5. stabilize portion of tooth left in mouth by gently biting on towel or handkerchief.
- 2- In the fracture line exposes the pulp nerve, which is extremely painful to the athlete, limit contact with other teeth, tongue, or air.
- 3- Immediately transport patient and tooth fragments to dentist.

