Hand/Limb Microvascular Replantation: Preservation of the Amputated Part

**Do:**
1. Wash parts thoroughly in isotonic solution (*preferably* Ringer’s Lactate).
2. Wrap in sterile gauze moistened with normal saline.
3. Place in watertight sterile container.
4. Place the sterile container into a second container filled with water and crushed ice.

**Do Not:**
1. Do not freeze the part by placing it directly on ice or by adding any other coolant such as dry ice.
2. Do not immerse the part in a bag of solution.
3. Do not use any antiseptics or other solutions.

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**Patient Care**
1. Resuscitate patients with intravenous fluids.
2. Administer antibiotics and tetanus prophylaxis.
3. Clean stump with normal saline and apply dressings to control hemorrhage. Apply compression dressings and consider tourniquets in uncontrolled arterial bleedings. Avoid clamping or ligating stump sided vessels.
4. Splint limbs with incomplete transections.
5. Obtain x-rays of the amputate and the stump and send with patient.
6. Arrange for appropriate method of transport in consultation with the replant surgeon.

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**Consultations and Transfers:** Access Denver Health Trauma Hotline: 1-866-348-7286 (1-866-DH-TRAUMA)