



HYPERBARIC MEDICINE HEALS.

ACUTE TRAUMATIC PERIPHERAL ISCHEMIA

Crush Injuries / Compartment Syndromes

Reperfusion Injury

-Suturing of severed limbs

Deglovings

Acute traumatic peripheral ischemia is a result of injuries that compromise circulation to an extremity. These serious injuries involve the sudden occlusion (blockage) of the peripheral arterial blood supply which makes the surrounding tissue deprived of needed oxygen. The lack oxygen to the injury greatly increases complications and may cause the loss of limb, function or life.

Hyperbaric oxygen therapy heals by:

- Increasing the amount of oxygen helps met the metabolic demand of the injured tissue and bone
- Decreasing swelling
- Helping with infection control and resolution
- Assisting fibroblasts in laying down collagen
- Creating new blood vessels (angiogenesis) and cellular growth
- Protecting tissue from reperfusion injury (an inflammatory response that may occur when blood supply is returned to an area of the body once deprived of oxygen)
- Preventing loss of limb
- Reducing further complications

HYOX

HYPERBARIC MEDICINE HEALS.

HyOx is a comprehensive medical treatment center specializing in healing the body naturally by breathing 100 percent oxygen under pressure. Hyperbaric oxygen therapy increases oxygen content in the body by up to 1,500 percent to supersaturate every cell. This helps to fuel the healing process in patients with complications from cancer, infection, trauma, and wounds.



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