

## Case Study – Critical Ischemia - Reperfusion Injury after Frostbite

A 32-year-old male soldier on winter manoeuvres in N-England suffered severe frostbite of the hands and both feet. The patient was admitted to the Army hospital in Cambridge where amputation of both feet considered. After conferring with the Institute of Naval Medicine in Portsmouth, the patient was referred to London Hyperbaric Medicine on 27.02.02 for Hyperbaric oxygen treatment.

The patient was treated 15 times at 2.4 ATA with 100% oxygen.

### **Outcome**

Minimised the loss of bone & soft tissue to the tips of 3 toes and on 1 foot instead of the possible amputation of both feet above the ankle. All fingers of both hands were saved.

