



NECROTIZING SOFT TISSUE INFECTIONS

- Necrotizing Fasciitis
- Fournier's Gangrene
- Anaerobic Cellulitis
- Nonclostridial Myonecrosis

Before



After



Necrotizing soft tissue infections are a category of spreading bacterial infections occurring most often after surgery, trauma or contact with foreign bodies. They commonly affect people with diabetes and vascular disease. The infections lower oxygen levels in the body resulting in tissue damage from inadequate blood flow. This impairs the infection-fighting white blood cells from doing their job. Primary treatment is surgical removal of the infected tissue and a four-to-six-week course of antibiotic therapy. When these measures do not resolve the infection, hyperbaric oxygen therapy is the approved adjunctive treatment regimen. The exceptions are gas gangrene and Fournier's gangrene, which should receive hyperbaric oxygen therapy immediately after injury, operation, or waiting for operating room.

Hyperbaric oxygen therapy heals by:

- Increasing oxygen levels to the infected tissues to kill bacteria that thrive in a low oxygen environment
- Resolving infection by boosting the effectiveness of antibiotics
- Decreasing the spread of infection to other areas of the body
- Controlling and reducing swelling
- Helping new blood vessels form (angiogenesis) to get oxygen
- Preventing further complications and, in some cases, death

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.



Richard W. King Jr., MD
FAAPMR, CWS, UHM
Medical Director



HyOx Medical Treatment Center
2550 Windy Hill Road SE, Suite 110
Marietta, GA 30067
Office: 678-303-3200
Fax: 678-303-3205
www.hyoX.com
info@hyox.com

Social Media:

