

## Hyperbaric Oxygen Healing

An absolute key component of optimal physical and mental health is the ready access to sufficient oxygen.

"Hyper", which means increased and "baric", which relates to pressure, refers to treatment with pure oxygen at greater than normal atmospheric pressures.

The treatment works on the principle that high oxygen concentration, combined with increased air pressure in the chamber, raises plasma-oxygen concentration, allowing oxygen to diffuse into tissues at depths much further than usual to promote healing.

Inside the chamber, the animal companion rests comfortably on a soft surface while the oxygen works on the body, wounds, swellings, burns, other injuries or illnesses.

Each treatment session is about 30 minutes. Frequent and regular sessions facilitate a speedy recovery.

## Benefits of Hyperbaric Oxygen Healing

- Shortens recovery time after rigorous activity, exercise, injury or surgery
  - Revitalizes by improving blood flow and oxygen to all organs
  - Regenerates small blood vessels (capillaries), nerves and bones
- Rejuvenates by releasing stem cells from bone marrow for tissue repair
  - Reduces pain, swelling, tingling, cramps, numbness
  - Suppresses inflammation
- Breathing increased levels of oxygen under pressure inside a hyperbaric chamber initiates healing responses in a natural way without side effects
  - improved performance
  - increased strength
  - enhanced muscle endurance
  - energy boost preventing exhaustion
  - reducing inflammation, swelling, pain
  - reducing fatigue and recovery time
- speeding up healing of muscles, ligaments and fractured bones
  - reducing and preventing infection
  - reducing scar tissue formation
  - cleansing blood from toxins and toxic substances
- maintaining general health and strengthening immune system
  - arresting the progress of many acute and chronic problems

## Efficacies of Hyperbaric Oxygen Healing

### •Stress relief\*

Dissolved oxygen is a form of pure oxygen which is readily delivered to every cell of the body. It neutralizes active oxygen which causes ageing. Moreover, it enhances cell metabolism and brings about an energised state from fatigue.

### •Reduce Inflammation, swelling and pain#

Hyperbaric oxygen helps reduce swelling and pain in the acute stages of injury and it dramatically hastens fracture healing.

Using hyperbaric oxygen to treat injuries will dramatically hasten the recovery process (50% to 70% faster than without HOH).

### •Reduces fatigue\*

Listlessness or fatigue is generally caused by an accumulation of lactic acid. A sufficient supply of oxygen decomposes and eliminates lactic acid from the body.

### •Rejuvenation\*

A 30 minute session is equivalent to a 2 hour aerobic exercise, by enhancing metabolism and fat-burning.

### •Treatment of Skin Infection / Recovery of wounds ^

Wounds without adequate tissue oxygen levels will not heal. In most diseases or injuries, blood flow to the diseased tissue is compromised, which in turn decreases the amount of oxygen available for tissue healing.

Hyperbaric oxygen therapy is able to increase tissue oxygen levels in diseased or injured tissue, thereby speeding up healing.

*\* especially beneficial for senior animal companions*

*^ especially beneficial for festering wounds from fights or self-inflicted wounds*

*# especially beneficial for animals companions suffering from hip dysplasia, spinal injuries, laxating patella etc*

## Ailments that can be treated with Hyperbaric Oxygen Healing

- Wounds and burns
- A broad spectrum of skin infections
  - Post operative skin flaps
  - Post operative swelling and pain
- Fractures and scars that are not healing well



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