



Indications for Hyperbaric Oxygen Therapy (HBOT) 高壓氧治療適應症(英文)

National Health Insurance Reimbursed Items

- decompression sickness or acute air embolism
- Carbon dioxide poisoning (cyanide and gas poisoning)
- Gas gangrene, emphysematous gangrene and anaerobic bacteria infection, necrotizing soft tissue infections, and multiple microbial infections.
- Chronic refractory osteomyelitis
- Crush injury with acute traumatic ischemia
- Acute burn injury, second to third-degree burn, surface area between 15 % ~ 90 %
- Radiation necrosis of tissue, osteoradionecrosis, Radiation cystitis, radiation enteritis

Hyperbaric Oxygen Therapy Items

Category 1 : The therapy using hyperbaric oxygen therapy shows significant clinical effect.

- Acute carbon monoxide and delayed neurological sequela.
- Suffocation (smoke inhalation, drowning, hanging oneself and anesthesia accident).
- Head trauma and brain dysfunction after brain injury (cerebral contusion, post-operative intracranial hematoma removal, and concussion)
- Toxic gas (Hydrogen sulfide, Liquefied Petroleum Gas (LPG), phosgene, ammonia, cyanide) and other chemical substance intoxication.

- Acute decompression disease, acute air embolism syndrome, gas gangrene, acute retinal blood disorder, acute brain edema
- Chronic periodontal disease

Category 2: Hyperbaric oxygen therapy is used as one of the comprehensive therapy measures, collaborated to significantly increase the therapy effect.

- Post-operative extremity mutilation (including finger and toe) replantation, post-operative skin (including flap) plantation.
- ischemic cerebrovascular disease, post–cardiac arrest syndrome
- Drug poisoning (accompanied by cerebral edema, pulmonary edema, Hypoxaemia)
- Major neurological disease, migraine, spinal and peripheral nerve injury, peripheral neuritis
- Mountain sickness (including altitude maladaptation)
- Radiation osteonecrosis, radiation soft tissue injury, aseptic osteonecrosis
- Osteomyelitis, malunion (delayed healing and non-healing)
- Retinal hemorrhage (non-active period), acute central serous chorioretinopathy
- Sudden deafness, Meniere's syndrome)
- Peripheral vascular disease (Vasculitis, Raynaud's disease, arteriosclerosis obliterans)
- Chronic skin ulcer, pityriasis rosea
- Coronary artery disease (angina, old myocardial infarction), arrhythmias (atrial fibrillation, premature beat), myocarditis, acute myocardial infarction
- Crush injury, frostbite and shock.
- Aseptic meningitis and sequela.
- Upper gastrointestinal mucosal lesions, chronic peptic ulcer, paralytic ileus
- Deep fungal infection, Tetanus
- Multiple Sclerosis
- Bronchial asthma

Category 3: Hyperbaric oxygen therapy contains certain effect and requires further study

- Cerebral hemorrhage lesion removal
- Meningitis (acute purulent meningitis , tuberculous meningitis, (aseptic meningitis)

- Brain abscess
- Reactive psychosis
- Hepatonecrosis and hepatitis (viral and toxic)
- Early optic atrophy, glaucoma
- Toxic deafness
- Tuberculoid leprosy
- Acute pulmonary insufficiency
- Behcet' s syndrome
- Iceland disease
- Scleroderma
- Erythema nodosum
- Psoriasis
- Adolescent acne
- Urticaria
- Adjuvant therapy of malignant tumors (as adjuvant or hypersensitization for radiotherapy or chemotherapy).
- Progressive muscular dystrophy
- Diabetes
- Erythromelalgia
- Aerophile infection
- Supporting conditions for surgery
- senescence

Alternative Indications for Hyperbaric Oxygen Therapy

Ever since the release of hyperbaric oxygen, although decompression sickness and carbon monoxide poisoning are the traditional indications of hyperbaric oxygen therapy, the other most well-known indications are the promotion of activating fibroblast, enhancement of leukocyte activity, help sterilization, and therefore the promotion of difficult healing or healing of infectious wounds.

Additionally some hyperbaric oxygen therapy centers in the United States also provide hyperbaric oxygen services for the following therapies:

- Remove or neutralize the toxins in the body.
- Boost the oxygen concentration in brain cells and thereby activate the brain cells.
- Help the body cells fully utilize nutrients and activate body cells.
- Strengthen immune system.
- Help with sleep disorder.
- Boost energy and body endurance.

- Relieve muscle and tendon tension to ease nervous tension, reduce stress and body pain.
- Increase body circulation and metabolism that reduce the quantity of adipocyte.
- Increase total respiratory volume.
- Threshold energy needed for lowering physical activities.

若有任何疑問，請不吝與我們聯絡
電話：(04) 22052121 分機 1250
HE-10128-E