

## International Indications for Hyperbaric Oxygen Therapy



Source: **International Hyperbarics Association** -website:  
<http://www.ihausa.org/resources/indications.html>

(from Jain, K.K. (1989) Oxygen in Physiology and Medicine. Thomas, Springfield--taken from U.S., Chinese, Japanese, and Russian HBO Committees)

1. Decompression Sickness
2. Air embolism
3. Poisoning: carbon monoxide, cyanide, hydrogen sulfide, carbon tetrachloride.
4. Treatment of certain infections: gas gangrene, acute necrotizing fasciitis, refractory mycoses, leprosy, osteomyelitis.
5. Plastic and reconstructive surgery:
  - for nonhealing wounds
  - as an aid to the survival of skin flaps with marginal circulation
  - as an aid to reimplantation surgery
  - as an adjunct to the treatment of burns
6. Traumatology: crush injuries, compartment syndrome, soft tissue sports injuries
7. Orthopedics: nonunion of fractures, bone grafts, osteoradionecrosis
8. Peripheral vascular disease: shock, myocardial ischemia, aid to cardiac surgery, ischemic gangrene, ischemic leg pain
9. Neurological: stroke, multiple sclerosis, migraine, cerebral edema, multi-infarct dementia, spinal cord injury and vascular diseases of the spinal cord, brain abscess, peripheral neuropathy, radiation myelitis, vegetative coma
10. Hematology: sickle cell crises, severe blood loss anemia
11. Ophthalmology: occlusion of central artery of retina
12. Gastro-intestinal: gastric ulcer, necrotizing enterocolitis, paralytic ileus, pneumotoides cystoides intestinalis, hepatitis
13. For enhancement of radio sensitivity of malignant tumors

14. Otorhinolaryngology: sudden deafness, acute acoustic trauma, labyrinthitis, Meniere's disease, malignant otitis externa (chronic infection)
15. Lung diseases: lung abscess, pulmonary embolism (adjunct to surgery)
16. Endocrine: diabetes
17. Obstetrics: complicated pregnancy--diabetes, eclampsia, heart disease, placental hypoxia, fetal hypoxia, congenital heart disease of the neonate
18. Asphyxiation: drowning, smoke inhalation
19. Aid to rehabilitation: spastic hemiplegia of stroke, paraplegia, chronic myocardial insufficiency, peripheral vascular disease.

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