

# Hyperbaric Oxygenation

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## Recent Publications on Hyperbaric Oxygenation:

- [Dual effects of hyperbaric oxygen on proliferation and cytotoxic T lymphocyte activity of rat splenic lymphocytes.](#)  
*Contradictory reports exist regarding the effects of hyperbaric oxygen...* 17th November, 2009  
Department of Diving Medicine, Faculty of Naval Medicine, Second Military- Undersea Hyperb Med. 2009 May-Jun;36(3):155-60.
- [Hyperbaric oxygen improves nasal air flow.](#)  
*OBJECTIVE: We investigated whether hyperbaric oxygen (HBO2) treatment is...* 17th November, 2009  
Servico de Otorrinolaringologia, Hospital da Marinha, Lisboa, Portugal.- Undersea Hyperb Med. 2009 May-Jun;36(3):147-54.
- [Neurological symptoms after a provocative dive: spinal DCS or anterior spinal artery syndrome?](#)  
*Reported here is a 37-yr-old professional diving instructor who had...* 5th November, 2009  
Department of Underwater and Hyperbaric Medicine, Gulhane Military Medical- Aviat Space Environ Med. 2009 Oct;80(10):898-9.
- [Unilateral optic disc swelling in a fighter pilot.](#)  
*Optic disc swelling occurs when there is an obstruction to axonal...* 5th November, 2009  
Israel Air Force Aeromedical Center, Tel Hashomer, Israel.- Aviat Space Environ Med. 2009 Oct;80(10):894-7.
- [\[Effect of ultra-early hyperbaric oxygenation on spinal edema and hind limb motor function in rats with complete spinal cord transection.\]](#)  
*OBJECTIVE: To evaluate the effect of ultra-early hyperbaric oxygenation on...* 29th October, 2009  
Department of Rehabilitation, Second Xiangya Hospital, Central South- Nan Fang Yi Ke Da Xue Xue Bao. 2009 Oct;29(10):2014-7.
- [A new tool for the early diagnosis of carbon monoxide intoxication.](#)  
*Invasive measurement of carboxyhemoglobin (COHb) by blood gas analysis...* 27th October, 2009  
Department of Plastic Surgery, RWTH-University Hospital Aachen, Germany.- Inhal Toxicol. 2009 Nov;21(13):1144-7. ([DOI Direct Link](#))
- [Hyperbaric oxygenation alleviates MCAO-induced brain injury and reduces hydroxyl radical formation and glutamate release.](#)  
*The present study examined the effect of hyperbaric oxygen (HBO) on the...* 24th October, 2009  
Research Laboratory, Department of Anesthesiology, Upstate Medical- Eur J Appl Physiol. 2009 Oct 23. ([DOI Direct Link](#))
- [The JNK-inhibitor XG-102 enhances the neuroprotection of hyperbaric oxygen after cerebral ischaemia in adult rats.](#)

*Abstract Aim: Both, hyperbaric oxygenation (HBO) and inhibition of the...* 24th October, 2009  
Institute of Experimental and Clinical Pharmacology, University Hospital- Neuropathol Appl Neurobiol.  
2009 Oct 22. ([DOI Direct Link](#))

- [A hyperbaric oxygen therapy approach to heat stroke with multiple organ dysfunction.](#)  
*Here in we report the case of a patient who displayed a classic heat...* 23rd October, 2009  
Department of Biotechnology, Southern Taiwan University, Department of- Chin J Physiol. 2009 Jun  
30;52(3):169-72.
- [\[Hyperbaric oxygenation: utility in intensive therapy - part 2\]](#)  
*Gangrene, non-clostridial myonecroses and intracranial abscesses are...* 17th October, 2009  
Anesthesiologie und Intensivmedizin am Bundeswehrkrankenhaus Ulm.- Anasthesiol Intensivmed  
Notfallmed Schmerzther. 2009 Oct;44(10):652-8. ([DOI Direct Link](#))
- [\[Elective indication for hyperbaric oxygen therapy\]](#)  
*Creation of an hyperbaric medical center in Geneva allows development of...* 9th October, 2009  
Service des urgences, Departement de medecine, communautaire et de premier- Rev Med Suisse.  
2009 Aug 19;5(213):1615-8.
- [\[Scuba diving and hyperbaric medicine\]](#)  
*Scuba diving is widely practiced in Switzerland. Although rare,...* 9th October, 2009  
Unite des soins intensifs adultes, Departement d'anesthesiologie,- Rev Med Suisse. 2009 Aug  
19;5(213):1610-4.
- [\[Carbon monoxide poisoning: an update for 2009\]](#)  
*Carbon monoxide (CO) is the leading cause of death by poisoning in...* 9th October, 2009  
Unite d'anesthesiologie pediatrique, Service d'anesthesiologie, HUG, 1211- Rev Med Suisse. 2009 Aug  
19;5(213):1606-9.
- [\[Damage of cerebellar white matter due to carbon monoxide poisoning: a case report.\]](#)  
*Carbon monoxide (CO) is the leading cause of death by poisoning in...* 9th October, 2009  
Department of Pediatrics, Tri-Service General Hospital, National Defense- Am J Emerg Med. 2009  
Jul;27(6):757.e5-7. ([DOI Direct Link](#))
- [\[TNF-alpha modulates iNOS expression in an experimental rat model of indomethacin-induced jejunoileitis.\]](#)  
*Multiple mucosal immune factors, such as TNF-alpha and IL-1beta, are...* 6th October, 2009  
Division of Gastroenterology, Department of Medicine, State University of- Mol Cell Biochem. 2009 Oct  
3. ([DOI Direct Link](#))

## Hyperbaric Oxygenation Patents:



- 7556040- [Hyperbaric therapy capsule](#)
- 5597550- [Apparatus and method for administering minerals](#)
- 5582574- [Hyperbaric incubation method](#)
- 5516517- [Method for nutritional oxygenation of the skin](#)
- 5492913- [N-benzylpiperazine compounds](#)
- 5463176- [Liquid waste oxygenation](#)
- 5435997- [Topical agent and method for the treatment of pseudofolliculitis barbae](#)
- 5327904- [Hyperbaric oxygen chamber, method, and door assembly therefor](#)
- 5312385- [Device for protected pulse irrigation](#)

- 5198432- [Method of preventing chlorohydrocarbon toxicity using sterol derivatives](#)
- 5029579- [Hyperbaric oxygenation apparatus and methods](#)
- 4990513- [Antihypoxic drug and method of its application](#)
- 4772259- [Hyperbaric oxygenation apparatus and methods](#)
- 4569836- [Cancer treatment by intracellular hyperthermia](#)
- 5618126- [Control mounting for a hyperbaric chamber](#)
- 5685293- [Hyperbaric flow control system](#)
- 7540283- [Hyperbaric oxygen devices and delivery methods](#)
- 6858000- [Device for treating tissues with an electromagnetic field](#)
- 6649145- [Compositions and method of tissue superoxygenation](#)
- 6622095- [Apparatus for determining concentrations of hemoglobins](#)
- 6468789- [Oxygen sensing and hypoxic selection for tumors](#)
- 6261233- [Method and device for a blood velocity determination](#)
- 6218099- [Methods and compositions for use in perfusion applications](#)
- 6160008- [Pharmaceutical compositions comprising S-alkylisothiuronium derivatives](#)
- 5928187- [Device for oxygen prophylaxis and treatment of gum diseases](#)
- 5916171- [Tissue monitor](#)
- 5792090- [Oxygen generating wound dressing](#)
- 5707609- [Apparatus and method for administering minerals](#)
- 5685313- [Tissue monitor](#)
- 4009270- [Method for treating spinal cord injury](#)

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Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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