

Bibliography of International HBOT Studies and Research Papers

This bibliography is a historical reference of HBOT therapy studies and publications. It indicates the extent and progression of scientific HBOT research for over 6 decades.

Hyperbaric Oxygen Therapy, General

Jain K.K. (ed): *Textbook of Hyperbaric Medicine*. Toronto: Hogrefe & Huber, 1990.

Jacobson J.H. II, Morsch J.H.C., and Rendell-Baker L. The historical perspective of hyperbaric therapy. *Ann NY Acad Sci* 117:651-670, 1965.

Davis J.C. and Hunt T.K. (eds). *Hyperbaric Oxygen Therapy*. Bethesda, Maryland: Undersea Medical Society, 1977, pp. xi-xii.

Gilbert D.L. Perspective on the history of oxygen and life. In Gilbert D.L. (ed): *Oxygen and Living Processes: An Interdisciplinary Approach*. New York: Springer Verlag, 1981, pp. 1-43.

Gilbert D.L. Significance of oxygen on earth. In Gilbert D.L. (ed): *Oxygen and Living Processes: An Interdisciplinary Approach*. New York: Springer Verlag, 1981, pp. 73-101.

Gottlieb S.F. Proposed criteria for evaluating disease entities for inclusion in accepted indications category for hyperbaric oxygen treatment. *J Hyper Med* 4:33-37, 1989.

Sukoff M.H. and Gottlieb S.F. Hyperbaric oxygen therapy. In Nussbaum E. (ed): *Pediatric Intensive Care*. 2nd ed. Mount Kisco, New York: Futura Publishing Inc., 1989, pp. 483-507.

Valois J.D. and Schade J.P. An electrophysiological study of histotoxic anoxia under normal and hyperbaric conditions. In Bour H. and Ledingham I.M.C. (eds): *Carbon Monoxide Poisoning*. New York: Elsevier, 1967, pp. 183-197.

Yacoub M.H. and Zeitlin G.L. Hyperbaric oxygen in the treatment of postoperative low output cardiac syndrome. *Lancet* i:581-583, 1965.

Welsh F., Matos L., and DeTreville R.T.P. Medical hyperbaric oxygen therapy. *Aviat Space Environ Med* 51:611-614, 1980.

Kindwall E.P. and Goldmann R.W. *Hyperbaric Medicine Procedures*. Milwaukee, Wisconsin: St. Luke's Hospital, 1988.

Diabetes, Circulatory and Peripheral Vascular Occlusion

Milington JT, Norris TW. Effective treatment strategies for diabetic foot wounds. *J Fam Pract* 2000 Nov;49(11 Suppl):S40-8.

Cianci P, Hunt TK. Adjunctive hyperbaric oxygen therapy in treatment of diabetic foot wounds. In: Levin ME, O'Neal LW, Bowker JH, eds. *The Diabetic Foot*. 5th ed. St Louis, Mo: Mosby-Year Book; 1993.

Bonomo S, Davidson J, Yu Y, et al. Hyperbaric oxygen as a signal transducer: Upregulation of platelet derived growth factor-beta receptor in the presence of HBO2 and PDGF. *Undersea Hyperb Med* 1998; 4:211-16.

Zhao LL, Davidson JD, Wee SC, et al. Effect of hyperbaric oxygen and growth factors on rabbit ear ischemic ulcers. *Arch Surg* 1994; 129:1043-49.

Boykin JV. Hyperbaric oxygen therapy: a physiological approach to selected wound healing. *Wounds* 1996; 8:183-98.

Doctor N, Pandya S, Supe A. Hyperbaric oxygen therapy in the diabetic foot. *Postgrad Med* 1992; 38:112-14.

Faglia E, Favales F, Aldeghi A, et al. Adjunctive systemic hyperbaric oxygen therapy in treatment of prevalently ischemic diabetic foot ulcer: a randomized study. *Diabetes Care* 1996; 19:1338-43.

Faglia E, Favales F, Aldeghi A, et al. Change in major amputation rate in a center dedicated to diabetic foot care during the 1980s: prognostic determinants for major amputation. *J Diabetic Complications* 1998; 12:96-102.

Olejniczak S. Employment of low hyperbaric therapy in management of leg ulcers. *Mich Med*, 1969.

Consensus Development Conference of Diabetic Foot Wound Care. *Diabetes Care* 1999; 22:1354-60.

Jain K.K. Hyperbaric oxygen therapy in cardiovascular diseases. In Jain K.K. (ed): *Textbook of Hyperbaric Medicine*. Toronto: Hogrefe & Huber, 1990, pp. 334-335.

Fredenucci P. Oxygénothérapie hyperbare en pathologie vasculaire. 19 années d'expérience. [Nineteen years of experience with hyperbaric oxygenation and vascular pathology.] *IXth Congress of European Undersea Biomedical Society*, Barcelona, September 1983.

Fredenucci P. Arteriopathies et O.H.B. *Medecine du Dud-Est* 6300-6306, 1982.

Kindwall E.P. *Hyperbaric Medicine Procedures*. Milwaukee, Wisconsin: St. Luke's Hospital, 1979, p. 17.

Yefuni S.N., Lyskin G.I., and Fokina T.S. Hyperbaric oxygenation in treatment of peripheral vascular disorders. *Int Angiol* 4:207-209, 1985.

- Bird A.D. and Telfer A.B.M. Effect of hyperbaric oxygen on limb circulation. *Lancet* 13:355-356, 1965.
- Stalker C.G. and Ledingham I.M.A. The effect of increased oxygen in prolonged acute limb ischemia. *Br J Surg* 60:959-963, 1973.
- Mottram R.F. Effects of hyperbaric oxygen on limb circulation. *Lancet* 13:602, 1965.
- Ackerman N.B. and Brinkley F.B. Oxygen tensions in normal and ischemic tissues during hyperbaric therapy. *JAMA* 198:142-145, 1966.
- Kawamura M., Sakakibara K., and Yusa T. Effect of increased oxygen on peripheral circulation in acute, temporary limb hypoxia. *J Cardiovasc* 19:161-168, 1978.
- Schraibman I.G., Ledingham F.R.C.S., and Ledingham, I.M.A. Hyperbaric oxygen and regional vasodilation in pedal ischemia. *Surg Gynecol Obstet* 125: 761-767, 1969.
- Nylander G., Lewis H., Nordstrom H., and Larsson J. Reduction-of postischemic edema with hyperbaric oxygen. *Plast Reconstr Surg* 76:602-603, 1985.
- Illingworth C.F.W. Treatment of arterial occlusion under oxygen at two atmospheres absolute. *BMJ* 2:1272, 1962.
- Fredenucci P. Oxygenotherapie hyperbarre et arteriopathies. [Hyperbaric oxygen in the treatment of arteriopathologies.] *J Mal Vasc* 10(Suppl A):166-172, 1985.
- Gerard R., Fredenucci P., Barthelemy L., Bourde J., Lamy J., Jouve A., and Appaix A. L'oxygene hyperbare dans le traitement des arteriopathies. [Hyperbaric oxygen in the treatment of arteriopathologies.] *Arch Mal Coeur* 4:472-483; 1967.
- Kostiunin V.N., Pahkomov V.I., Feoktistov P.L., and others. Increasing the effectiveness of hyperbaric oxygenation in the treatment of patients with stage IV arterial occlusive disease of the lower limbs. *Vestn Khir* 135: 48-51, 1985.
- Baroni G., Porro T., Fuglia E., and others. Hyperbaric oxygen in diabetic gangrene treatment. *Diabetes Care* 10:81-86, 1987.
- Belov K.V., Isakov Y.V., and Alyabaiev V.S. Efficacy of hyperbaric oxygenation on the activity of succinated hydrogenase and cytochrome oxidase of visceral organs in intestinal obstruction. *Anesteziol Reanimatol* 5: 44-46, 1986.
- Urayama H., Takemura H., Kasaima F., and others. Hyperbaric oxygen therapy for chronic occlusive disease of the extremities. *Nippon Geka Gakkai Zasshi* 993:429-433, 1992.
- Kovacevic H. *The investigation of hyperbaric oxygen influence in the patients with second degree of atherosclerotic insufficiency of lower extremities*. Ph.D. diss., University of Rieka, Croatia, 1992.

Jain K.K. Hyperbaric oxygen therapy in cardiovascular diseases. In Jain K.K. (ed): *Textbook of Hyperbaric Medicine*. Toronto: Hogrefe & Huber, 1990, pp.338-340.

Stroke

Neubauer R.A. and Gottlieb S.F. Stroke treatment. *Lancet* 337:1601, 1991.

Neubauer R.A., Gottlieb S.F., and Kagan R.L. Enhancing "idling" neurons. *Lancet* 335:542, 1990.

Neubauer R.A. The effect of hyperbaric oxygen in prolonged coma. Possible identification of marginal functioning brain zones. *Med Subacquea ed Iperbarica Minerva Med* 5(3):75-79, 1985.

Boerema I., Meyne N.G., Brummelkamp W.H., and others. Life without blood. *Arch Chirurg Neederlandic* 11:70-83, 1959.

Kaasik A.E., Dimitriev K.K., and Tomberg T.A. Hyperbaric oxygenation in the treatment of patients with ischemic stroke. *Zh Nevropatol Psikhiatr* 88:38-43, 1988.

Smith G., Lawson D.D., Renfrew S., and others. Preservation of cerebral cortical activity by breathing oxygen at 2 ATA pressure during cerebral ischemia. *Surg Gynecol Obstet* 113: 13, 1961.

Whalen R., Heyman A., and Saltzman H. The protective effect of hyperbaric oxygen in cerebral ischemia. *Arch Neurol* 14:15, 1966.

Moore G.F., Fuson R.L., Margolis G., and others. An evaluation of the protective effect of hyperbaric oxygenation on the central nervous system during circulatory arrest. *J Thorac Cardiovasc Surg* 52:618, 1966.

Corkill G., Dhousen K., Hein H., and others. Videodensimetric estimation of the protective effect of hyperbaric oxygen in the ischemic gerbil brain. *Surg Neurol* 24:406, 1985.

Shiokawa D., Fujishima M., Yanai T., and others. Hyperbaric oxygen therapy in experimentally induced acute cerebral ischemia. *Undersea Biomed Res* 13:337, 1986.

Burt J.T., Kapp J.P., and Smith R.R. Hyperbaric oxygen and cerebral infarction in the gerbil. *Surg Gynecol* 28:265, 1987.

Weinstein P.R., Hameroff S.R., Johnson P., and others. Effect of hyperbaric oxygen therapy or dimethylsulfoxide on cerebral ischemia in unanesthetized gerbils. *Neurosurgery* 18:528, 1986.

Reiten J.A., Kien N.D., Thorup S., and others. Hyperbaric oxygen increases survival following carotid ligation in gerbils. *Stroke* 21:119-123, 1990.

Jacobson I. and Lawson D.D. The effect of hyperbaric oxygen on experimental cerebral infarction in the dog. *J Neurosurg* 20: 849, 1963.

Holbach K.H., Wassmann H., Hoheluchter K.L., and Jain K.K. Differentiation between reversible and irreversible poststroke changes in brain tissue. *Surg Neurol* 7:325, 1977.

Neubauer R.A. and End E. Hyperbaric oxygenation as an adjunct therapy in strokes due to thrombosis. *Stroke* 11:297300, 1980.

Jain K.K. Effect of hyperbaric oxygenation on spasticity in stroke patients. *J Hyper Med* 4: 55-61, 1989.

Mountz J.M., Modell J.G., Foster N.L., and others. Prognostication of recovery following stroke using the comparison of CT and technetium-99 HMPAO SPECT. *J Nucl Med* 31:6-66, 1990.

Neubauer R.A., Gottlieb S.F., and Kagan R.L. Enhancing "idling" neurons. *Lancet* 335:542, 1990.

Neubauer R.A., Kagan R.L., Gottlieb S.F., and James P.B. Letter. *Lancet*, 3 March 1990.

Jain K.K. *Cerebral Insufficiency*. Chicago: Year Book Medical Publishers, 1990.

Astrup J., Siesjo B.K., and Symon L. Thresholds in cerebral ischemia, the ischemic penumbra. *Stroke* 12:723, 1981.

Simon L. The concept of threshold of ischemia in relation to brain structure and function. *J Clin Path* 11(suppl): 149-154, 1976.

Astrup J., Siesjo B.K., and Symon L. The state of penumbra in the ischemic brain: viable and lethal threshold in cerebral ischemia. *Stroke* 12:723-725, 1981.

Central Nervous System and Sensory Problems

Mathieu D., Wattel F., Gosselin B., et al. Hyperbaric oxygen in the treatment of postthanking cerebral anoxia. *J Hyper Med* 2:63-67, 1987.

Jain K.K., ed. *Textbook of Hyperbaric Medicine*. Toronto: Hogrefe & Huber, 1990.

Jain K.K. *Oxygen in Physiology and Medicine*. Springfield, Illinois: Charles C. Thomas, 1989.

DeVolder A.G., Goffinet A.M., Bol A., and others. Brain glucose metabolism in postanoxic syndrome. *Arch Neurol* 47:197204, 1990.

Kolata G. Flawed treatment of head injuries found. *The New York Times*, 10/16/91, p. C14.

Stoller KP. Quantification of neurocognitive changes before, during, and after hyperbaric oxygen therapy in a case of fetal alcohol syndrome. *Pediatrics*. 2005 Oct;116(4):e586-91. Epub 2005 Sep 15

Coe J.E. and Hayes T.M. Treatment of experimental brain injury by hyperbaric oxygen. Preliminary report. *Am Surgeon* 32: 493, 1966.

Fasano V.A., Nunno T., Urciuoli R., and others. First observations on the use of oxygen under high atmospheric pressure for treatment of traumatic coma. In Boerema I., Brummelkamp W.H., and Meijne N.G. (eds): *Clinical Applications of Hyperbaric Oxygen. Proceedings of the First International Congress on Hyperbaric Medicine*. Amsterdam: Elsevier, 1964, pp. 168-173.

Neubauer R.A. The effect of hyperbaric oxygen in prolonged coma. Possible identification of marginally functioning brain zones. *Med Subacquea ed Iperbarica Minerva Med* 5(3):75-79, 1985.

Neubauer R.A. Hyperbaric oxygen in vegetative coma. In Schutz J. (ed): *Proceedings of the First Swiss Symposium on Hyperbaric Medicine*. Basel, Switzerland: Foundation for Hyperbaric Medicine, 1986, p. 116.

BeLokurov M.I., Stephaokov A.A., and Kirsanov B.I. Hyperbaric oxygenation in the combined therapy of comatose states in children. *Pediatrria* 2: 84-87, 1988.

Ruiz E., Brunette D.D., Robinson E.P., and others. Cerebral resuscitation after cardiac arrest using hetasterch hemodilution, hyperbaric oxygenation, and magnesium ion. *Resuscitation* 14:213-223, 1986.

Holbach K.H., Wassmann H., and Kolberg T. Verbesserte reversibilitat des traumatischen mittelhirnsyndrome bei anwendung der hyperbaren oxygenierung. [Improved reversal of traumatic brain syndrome by application of hyperbaric oxygen.] *Acta Neurochir* 30:247-256, 1974.

Holbach K.H., Caroli A., and Wassmann H. Cerebral energy metabolism in patients with brain lesions at normo- and hyperbaric oxygen pressure. *J Neuro!* 217:17-30, 1977.

Jain K.K., ed. *Textbook of Hyperbaric Medicine*. Toronto: Hogrefe & Huber, 1990.

Mogami H., Hayakawa T., Kanal N., and others. Clinical application of hyperbaric oxygenation in the treatment of acute cerebral damage. *J Neurosurg* 31:636-643, 1969.

Holbach K.H., Wassmann H., and Kolberg T. Verbesserte reversibilitat des traumatischen mittelhirnsyndrome bei anwendung der hyperbaren oxygenierung. [Improved reversal of traumatic brain syndrome by application of hyperbaric oxygen.] *Acta Neurochir* 30:247-256, 1974.

Artu F., Philippon B., Gau F., Berger M., and Deleuze R. Cerebral blood flow, cerebral metabolism and cerebrospinal fluid biochemistry in brain-injured patients after exposure to hyperbaric oxygen. *Eur Neurol* 14:351-364, 1976.

Sukoff M.H. and Ragatz R.E. Hyperbaric oxygenation for the treatment of acute cerebral edema. *Neurosurgery* 10:29-38, 1982.

Rockswold G.L. and Ford S.E. Preliminary results of a prospective randomized trial for treatment of severely brain-injured patients with hyperbaric oxygen. *Minn Med* 68:533-535, 1985.

Gelder J.B., Welch D.W., Fife W.P., and Bowers D.E. Therapeutic effects of hyperbaric oxygen and dimethyl sulfoxide following spinal cord transections in rats. *Undersea Biomed Res* 7 (4):305-320, 1980.

Neretin V.I., Kirjakov V.A., Lobov M.A., and Kiselev S.O. Hyperbaric oxygenation in dyscirculatory myelopathies. *Soviet Medicine* 3:42-44, 1985.

Kieper N.R. The use of hyperbaric oxygen in the rehabilitation of spinal cord injured patients due to decompression sickness. In Kindwall E.P. (ed): *Proceedings of the Eighth International Congress on Hyperbaric Medicine*. San Pedro, California: Best, 1987.

Meyer J.S. Regulation of cerebral hemodynamics in health and disease. *Eur Neurol* 22(1): 47-60, 1983.

Amery W.K. Brain hypoxia: the turning-point in the genesis of the migraine attack? *Cephalalgia* 2:83-109, 1982.

Fife W.P. and Fife C.E. Treatment of migraine with hyperbaric oxygen. *J Hyper Med* 4(1): 7-15, 1989.

Sukoff M.H. and Ragatz R.E. Hyperbaric oxygenation for the treatment of acute cerebral edema. *Neurosurgery* 10:29-38, 1982.

Rockswold G.L. and Ford S.E. Preliminary results of a prospective randomized trial for treatment of severely brain-injured patients with hyperbaric oxygen. *Minn Med* 68:533-535, 1985.

Sukoff M. Central nervous system: review and update on cerebral edema and spinal cord injuries. *HBO Review* 1:189-195, 1980.

Pilgramm M., Lamm H., and Jain K.K. Hyperbaric oxygen therapy in otolaryngology. In Jain K.K. (ed): *Textbook of Hyperbaric Medicine*. Toronto: Hogrefe & Huber, 1996, p. 405.

Pilgramm M., Lamm H., and Jain K.K. Hyperbaric oxygen therapy in otolaryngology. In Jain K.K. (ed): *Textbook of Hyperbaric Medicine*. Toronto: Hogrefe & Huber, 1996, p. 406.

Eibach H. and B6rger U. Therapeutische Ergebnisse in der Behandlung des akuten akustischen Traumas. [Therapeutic results in the handling of acute acoustic trauma.] *Arch Otorhinolaryngol* 226:177-186, 1980.

Lamm C.H., Walliser U., Schumann K., and Lamm K. Sauerstoffpartialdruck Messungen in der Perilymphe der Scala tympani unter normo- und hyperbaren Bedingungen. [Oxygen partial pressure in the perilymph of the scala tympani under normo- and hyperbaric conditions.] *HNO* 36:363-366, 1988.

Matthieu D., Coget J., Vinchkier I., and others. Red blood cell deformity and hyperbaric oxygenation. In: *Proceedings of the Eighth International Congress on Hyperbaric Medicine*. Long Beach, California: Long Beach Memorial Hospital, 1984, pp. 27-28.

Lamm H. Klinische Ergebnisse nach Behandlung von Inne-nohrscherwerhörigkeiten mit hyperbarem Sauerstoff. [Results and conditions of inner-ear hearing loss with hyperbaric oxygen.] *Diskuss*. Halle/Saale: Beitrag HNO-jahrekongress der DDR, 1969.

Yefuni S.N., Levashova A.S., and Lyskin G.I. Hyperbaric oxygenation in the treatment of the cochleovestibular system. *Soviet Med* 5:45-49, 1980.

Lyskin G.I. and Levashova A.S. Hyperbaric oxygenation in the treatment of labyrinthopathies of vascular genesis. In Yefuni S.N. (ed): *Abstracts of the Seventh International Congress of Hyperbaric Medicine*. Moscow: USSR Academy of Sciences, 1981, p. 307.

Kosyro V.I. and Matskevich M.V. Clinical aspects of using hyperbaric oxygenation in the treatment of different forms of neurosensory hypoacusis. In Yefuni S.N. (ed): *Abstracts of the Seventh International Congress of Hyperbaric Medicine*. Moscow: USSR Academy of Sciences, 1981, pp. 306-307.

Pilgramm M., Lamm H., and Jain K.K. Hyperbaric oxygen therapy in otolaryngology. In Jain K.K. (ed): *Textbook of Hyperbaric Medicine*. Toronto: Hogrefe & Huber, 1996, p. 411.

Jain K.K. Hyperbaric oxygen therapy in otolaryngology. In Jain K.K. (ed): *Textbook of Hyperbaric Medicine*. Toronto: Hogrefe & Huber, 1996, p. 407.

Bojic L., Gosovic S., Kovacecic H., and Denoble P. *Hyperbaric Oxygenation in the Treatment of Macular Degeneration*. Split, Yugoslavia: Split Naval Medical Institute, pp. 1-4.

Multiple Sclerosis

Fischer B.H., Marks M., and Reich T. Hyperbaric-oxygen treatment of multiple sclerosis. *N Engl J Med* 308 (4):181-186, 1983.

Yamada T., Hirayama K., Saito H., and others. Hyperbaric oxygen treatment for multiple sclerosis: short-term and long-term therapy. *Jpn J Hyper Med* 21:215-219, 1986.

Davidson D.L.W. Hyperbaric oxygen therapy in the treatment of multiple sclerosis. Report from Action for Research into Multiple Sclerosis, London, England, 1989.

Neubauer R.A. Protocol for the treatment of multiple sclerosis with hyperbaric oxygen. *J Hyper Med* 5(1): 53-54, 1990.

Gottlieb S.F. and Neubauer R.A. Multiple sclerosis: its etiology, pathogenesis, and therapeutics with emphasis on the controversial use of HBO. *Hyper Med* 3:143-164, 1988.

Gottlieb S.F. and Neubauer R.A. The etiology of multiple sclerosis: a new and extended vascular-ischemic model. *Med Hypotheses* 33:23-29, 1990.

Gottlieb S.F. and Neubauer R.A. Multiple sclerosis: its etiology, pathogenesis, and therapeutics with emphasis on the controversial use of HBO. *J Hyper Med* 3:143-164, 1988.

Field E.J. Letter to the editor. *Lancet* 1:1273, 1989.

James P.B. Letter to the editor. *Lancet* 1:1273, 1989.

Simpson L.O. Letter to the editor. *Lancet* 1:1272-1273, 1989.

Wound Healing

Slack W.K., Thomas D.A., and Dejode L.R.J. Hyperbaric oxygen in the treatment of trauma, ischemia disease of limbs, and varicose ulceration. In: *Proceedings of the Third International Conference on Hyperbaric Medicine*. Publication 1404. Washington: National Academy of Science National Research Council, 1966, pp. 621-624.

Szekely O., Szanto G., and Takats A. Hyperbaric oxygen therapy in injured subjects. *Injury* 4:294 -300, 1973.

Cianci P. and Bove A. Hyperbaric oxygen therapy in the treatment of acute and chronic peripheral ischemia. *Int Med* 6: 117-137, 1985.

Anderson FG, Bay WW, Fife WP. Hyperbaric oxygen and corneal incision healing. *Undersea Biomed Res* 1978 Dec;5(4):369-75.

Strauss M.B. Role of hyperbaric oxygen therapy in acute ischemias and crush injuries—an orthopedic perspective. *HBO Review* 2:87-106, 1981.

Shupak A., Gozal D., Ariel F., Melamed Y., and Katz A. Hyperbaric oxygenation in acute peripheral post-traumatic ischemia. *J Hyper Med* 2:714, 1987.

Strauss M.B. and Hart G.B. Hyperbaric oxygen and the skeletal-muscle compartment syndrome. *Contemp Ortho* 18: 167-174, 1989.

Champion W.M., McSherry C.K., and Goulian, D. Effect of hyperbaric oxygen on the survival of the pedicled skin flaps. *J Surg Res* 7(12), 1967.

Strauss M.B. and Hart G.B. Crush injury and the role of hyperbaric oxygen. *Top Emer Med* 6:9-24, 1984.

Monies-Chass I., Maghmonai M., and others. Hyperbaric oxygen treatment as an adjunct to reconstructive vascular surgery in trauma. *Injury* 8:274-277, 1977.

Colignon M., Carlier A., Khuc T. and others. Hyperbaric oxygen therapy in acute ischemia and crush injuries. *New Horizons in Hyperbaric Medicine Conference*, 26-30 April 1989.

Perrins J.D. Hyperbaric oxygenation of ischemic skin flaps and pedicles. In Brown I.W. and Cox B.G. (eds): *Proceedings of the Third International Congress on HBO Medicine*. Durham, North Carolina: Duke University Press, 1966, pp. 613-620.

Perrins J.D. Influence of hyperbaric oxygen on the survival of split skin grafts. *Lancet* 1: 868-871, 1967.

Perrins J.D. Influence of hyperbaric oxygen on the survival of split skin grafts. In Wada J. and Iwa T. (eds): *Proceedings of the Fourth International Congress on HBO Medicine*. London: Baillere, 1970, pp. 369-376.

Shulman A.G. and Krohn H.L. Influence of hyperbaric oxygen and multiple skin allografts on the healing of skin wounds. *Surgery* 62(6):1051-1058, 1967.

Wilmeth J.B. and Gazau A. Hyperbaric oxygen as an adjunct to the treatment of orthopedic injuries with full thickness grafts. *Seventh Annual Conference on the Clinical Application of HBO*, Anaheim, California, 9-11 June 1982.

Bass B.H. The treatment of varicose leg ulcers by hyperbaric oxygen. *Postgrad Med J* 46:407-408, 1970.

Fisher B.H. Hyperbaric oxygen for skin ulcers. *Roche Med Image Commentary*, 1969.

Rosenthal A.M. Treatment of patients with pressure sores in the hyperbaric chamber. *Proceedings of the American Congress of Rehabilitation in Medicine*. New York, 1970.

Wells C.H., Goodpasture J.E., Horrigan D.J., and Hart G.B. Tissue gas measurements during hyperbaric oxygen exposure. In Smith G. (ed): *Proceedings of the Sixth International Congress on Hyperbaric Medicine*. Aberdeen, Scotland: Aberdeen University Press, 1977, pp. 118-124.

Strauss M.B. and Hart G.B. Crush injury and the role of hyperbaric oxygen. *Top Emer Med* 6:9-24, 1984.

Strauss M.B. and Hart G.B. Compartment syndromes: update and role of hyperbaric oxygen. *HBO Review* 5:163-182, 1984.

Sheffield P.J. Tissue oxygen measurements with respect to soft-tissue wound healing with normobaric and hyperbaric oxygen. *HBO Review* 6:18-46, 1985.

Strauss M.B., Hargens A.R., Gershuni D.H., Greenberg D.A., Crenshaw A.G., Hart G.B., and Akeson W.H. Reductions of skeletal muscle necrosis using intermittent hyperbaric oxygen in a model compartment syndrome. *J Bone Joint Surg* 65A: 656-662, 1983.

Strauss M.B., Hargens A.R., Gershuni D.H., Hart G.B., and Akeson W.H. Delayed use of hyperbaric oxygen for treatment of a model anterior compartment syndrome. *J Ortho Res* 4: 108-111, 1986.

Hohn C. Oxygen and leucocyte microbial killing. In Davis J.C. and Hunt T.K. (eds): *Hyperbaric Oxygen Therapy*. Bethesda, Maryland: Undersea Medical Society, 1977, pp. 101-110.

Hunt T.K. and Pai M.P. The effect of varying ambient oxygen tensions on wound metabolism and collagen synthesis. *Surg Gynecol Obstet* 135:561-567, 1972.

Ehrlich H.P., Grislis G., and Hunt T.K. Metabolic and circulatory contributions to oxygen gradients in wounds. *Surgery* 72:578-583, 1972.

Beaman L. and Beaman B.L. The role of oxygen and its derivatives in microbial pathogenesis and host defense. *Ann Rev Microbiol* 38:27-48, 1984.

Klebanoff S. Oxygen metabolism and the toxic properties of phagocytes. *Ann Intern Med* 93: 480-489, 1980.

Hunt TK. Disorders of repair and their management. In Hunt T.K. and Dunphy J.E. (eds): *Fundamentals of Wound Management*. New York: Appleton-Century-Crofts, 1979, pp. 68-168.

Silver IA. Cellular microenvironment in healing and nonhealing wounds. In Hunt T.K., Heppenstall R.B., Pines E., and others (eds): *Soft and Hard Tissue Repair*. New York: Praeger, 1984, pp. 50-66

Niinikoski J., Hunt T.K., and Zederfeldt B. Oxygen supply in healing tissue. *Am J Surg* 123: 247-252, 1972.

Hohn C. Oxygen and leukocyte microbial killing. In Davis J.C. and Hunt T.K. (eds): *Hyperbaric Oxygen Therapy*. Bethesda, Maryland: Undersea and Hyperbaric Medical Society, 1977, pp. 101-110.

Hunt T.K., Niinikoski J., Zederfeldt B.H., and others. Oxygen in wound healing enhancement: cellular effects of oxygen. In Davis J.C. and Hunt T.K. (eds): *Hyperbaric Oxygen Therapy*. Bethesda, Maryland: Undersea Medical Society, 1977, pp. 111-122.

Knighton D.R., Silver I.A., and Hunt T.K. Regulation of wound healing angiogenesis effect of oxygen gradients and inspired oxygen concentration. *Surgery* 90: 262-270, 1981.

Skyhar M.J., Hargens A.R., Strauss M.B., and others. Hyperbaric oxygen reduces edema and necrosis of skeletal muscle in compartment syndromes associated with hemorrhagic hypotension. *J Bone Joint Surg* 68A: 1218-1224, 1986.

Nylander G., Lewis D., Nordstrom H., and Larson J. Reduction of postischemic edema with hyperbaric oxygen. *Plast Reconstr Surg* 76:595-603, 1985.

Peirce E.C. Pathophysiology, apparatus, and methods including the special techniques of hypothermia and hyperbaric oxygen. In Peirce E.C. (ed): *Extracorporeal Circulation for OpenHeart Surgery*. Springfield, Illinois: Charles C. Thomas, 1969, pp. 83-84.

Tan C.M., Im M.J., Myers R.A.M., and others. Effects of hyperbaric oxygen and hyperbaric air on the survival of island skin flaps. *Plast Reconstr Surg* 73:27-30, 1984.

Hunt T.K. and van Winkle W. Wound healing: normal repair. In Dunphy J.E. (ed): *Fundamentals of Wound Management in Surgery*. South Plainfield, New Jersey: Chirurgecom, Inc., 1976, pp. 1-68.

Sheffield P.J. Tissue oxygen measurements with respect to soft-tissue wound healing with normobaric and hyperbaric oxygen. *HBO Review* 6:18-46, 1985.

Sheffield P.J. Tissue oxygen measurements with respect to soft-tissue wound healing with normobaric and hyperbaric oxygen treatments. In Gottlieb S.F., Longmuir I.S., and Totter J.R. (eds): *Oxygen: An In-Depth Study of Its Pathophysiology*. Bethesda, Maryland: Undersea Medical Society, 1984, pp. 241-277.

Kindwall E.P. and Goldmann R.W. *Hyperbaric Medicine Procedures*. Milwaukee, Wisconsin: St. Luke's Hospital, 1984, p. 85.

Niinikoski J. Effect of oxygen supply on wound healing and formation of experimental granulation tissue. *Acta Physiol Scand* 334:1-72, 1969.

Hunt T.K., Conolly W.B., Aronson S.B., and others. Anaerobic metabolism and wound healing: an hypothesis for the initiation and cessation of collagen synthesis in wounds. *Am J Surg* 135:328-332, 1978.

Hunt T.K. and Pai M.P. The effect of varying ambient oxygen tensions on wound metabolism and collagen synthesis. *Surg Gynecol Obstet* 135:561-567, 1972.

Jones H.P. The role of oxygen and its derivatives in bacterial killing and inflammation. In Gottlieb S.F., Longmuir I.S., and Totter J.R. (eds): *Oxygen: An In-Depth Study of its Pathophysiology*. Bethesda, Maryland: Undersea Medical Society, 1984, pp. 493-516.

Hohn D.C. Host resistance of infection: established and emerging concepts. In Hunt T.K. (ed): *Wound Healing and Wound Infection: Theory and Surgical Practice*. New York: AppletonCentury-Crofts, 1980, pp. 264-280.

Van Meter K., Lasater S., Whidden S.J., and others. Hyperbaric oxygen therapy and wound healing. *Curr Con Wound Care*, Fall:7-10, 1986.

Keck P.E., Gottlieb S.F., and Conley J. Interaction of increased pressures of oxygen and sulfonamides on the *in vitro* and *in vivo* growth of pathogenic bacteria. *Undersea Biomed Res* 7:95-106, 1980.

Adams K.R., Sutton T.E., and Mader J.T. *In vitro* potentiation of tobramycin under hyperoxic conditions. *Undersea Biomed Res* 14(suppl):37, 1987.

Adams K.R. and Mader J.T. Aminoglycoside potentiation with adjunctive hyperbaric oxygen therapy in experimental *Pseudomonas aeruginosa* osteomyelitis. *Undersea Biomed Res* 14(suppl):37, 1987.

Norden C.W. and Kleti E. Experimental osteomyelitis caused by *Pseudomonas aeruginosa*. *J Infect Dis* 141:71-75, 1980.

Hunt T.K., Zederfeldt T.B., and Goldstick T.K. Oxygen and healing. *Am J Surg* 118:521, 1969.

Winter G.D. and Perrins D.J.D. Effects of hyperbaric oxygen treatment on epidermal regeneration. In Wada J. and Iwa T. (eds): *Proceedings of the Fourth International Congress on Hyperbaric Medicine*. Baltimore: Williams and Wilkins, 1969, pp. 363-368.

Strauss M.B., Hargens A.R., Gershuni D.H., Hart G.B., and Akeson W.H. Delayed use of hyperbaric oxygen for treatment of a model anterior compartment syndrome. *J Ortho Res* 4: 108-111, 1986. .

Nylander G., Lewis D., Nordstrom H., and Larson J. Reduction of postischemic edema with hyperbaric oxygen. *Plast Reconstr Surg* 76:595-603, 1985.

Kivisaari J. and Niinikoski J. Effects of hyperbaric oxygenation and prolonged hypoxia on the healing of open wounds. *Acta Chirurg Scand* 141:14-19, 1975.

Barthelemy L., Bellet M., Michaud A., and Cabon P. The value of thermography in the appreciation of the effectiveness of hyperbaric oxygen therapy in the treatment of acute arteritis of the lower limbs. *Bord Med* 9:1095-1100, 1976.

Illingworth C.F., Smith G., Lawson D.D., Ledingham I.M., Sharp G.R., and Griffiths J.C. Surgical and physiological observations in an experimental pressure chamber. *Br J Surg* 49: 222-227, 1961.

Loder R.E. Hyperbaric oxygen therapy in acute trauma. *Ann R Coll Surg Engl* 61:472-473, 1979.

Maudsley R.H., Hopkinson W.I., and Williams K.G. Vascular injury treated with high pressure oxygen in a mobile chamber. *J Bone Joint Surg* 2(B):346-350, 1963.

Schramek A. and Hashmonai M. Vascular injuries in the extremities in battle casualties. *Br Surg* 64:644-648, 1977.

Infections

Gottlieb S.F. and Pakman L.M. Effect of high oxygen tensions on the growth of selected, aerobic, gram-negative bacteria. *J Bacteriol* 95:1003-1010, 1968.

Gottlieb S.F., Rose N.R., Maurizi J., and Lanphier E.H. Oxygen inhibition of growth of *Mycobacterium tuberculosis*. *J Bacteriol* 87:838-843, 1964.

Fife W.P. and Freeman D.M. *Preliminary Clinical Study on the Use of Hyperbaric Oxygen Therapy for the Treatment of Lyme Disease*. College Station, Texas: Texas A&M University Hyperbaric Laboratory, 1997.

Manheim S.D., Voleti C., Ludwig, A., and Jacobson J.H. Hyperbaric oxygen in the treatment of actinomycosis. *JAMA* 210(3):552-553, 1969.

Fischer B., Jain K.K., Braun E., and Lehl S. *Handbook of Hyperbaric Oxygen Therapy*. Berlin: Springer Verlag, 1988.

Adams K.R., Sutton T.E., and Mader J.T. In vitro potentiation of tobramycin under hyperoxic conditions. *Undersea Biomed Res* 14(suppl):37, 1987.

Gottlieb S.F., Solosky J.A., Aubrey R., and Nedelkoff D.D. Synergistic action of increased oxygen tensions and PABA-folic acid antagonists on bacterial growth. *Aerosp Med* 45:829-833, 1974.

Keck P.E., Gottlieb S.F., and Conley J. Interaction of increased pressures of oxygen and sulfonamides on the in vitro and in vivo growth of pathogenic bacteria. *Undersea Biomed Res* 7:95-106, 1980.

Adams K.R. and Mader J.T. Aminoglycoside potentiation with adjunctive hyperbaric oxygen therapy in experimental *Pseudomonas aeruginosa* osteomyelitis. *Undersea Biomed Res* 14(suppl):37, 1987.

Norden C.W. and Kleti E. Experimental osteomyelitis caused by *Pseudomonas aeruginosa*. *J Infect Dis* 141:71-75, 1980.

Babior B.M. Oxygen-dependent killing by phagocytes. *New Eng J Med* 298:659-668, 1978.

Jones H.P. The role of oxygen and its derivatives in bacterial killing and inflammation. In Gottlieb S.F., Longmuir I.S., and Totter J.R. (eds): *Oxygen: An In-Depth Study of its Pathophysiology*. Bethesda, Maryland: *Undersea Medical Society*, 1984, pp. 493-516.

Hohn D.C. Host resistance of infection: established and emerging concepts. In Hunt T.K. (ed): *Wound Healing and Wound Infection: Theory and Surgical Practice*. New York: Appleton-Century-Crofts, 1980, pp. 264-280.

Van Unnik A.J.M. Inhibition of toxin production in *Clostridium perfringens* in vitro by hyperbaric oxygen. *Antonie Leeuwenhoek Microbiol* 31:181-186, 1965.

Schoemaker G. Oxygen tension measurements under hyperbaric conditions. In Boerema I., Brummelkamp W.H., and Meijne N.G. (eds): *Clinical Applications of Hyperbaric Oxygen. Proceedings of the First International Congress on Hyperbaric Oxygen*. Amsterdam: Elsevier, 1964, pp. 330-335.

Kivisaari J. and Niinikoski J. Use of silastic tube and capillary sampling technique in the measurement of tissue pO₂ and pCO₂. *Am J Surg* 125:623-627, 1973.

Sheffield P.J. Tissue oxygen measurements. In Davis J.C. and Hunt T.K. (eds): *Problem Wounds: The Role of Oxygen*. New York: Elsevier, 1988, pp. 17-51.

Demello F.J., Hashimoto T., Hitchcock C.R., and Haglin J.J. The effect of hyperbaric oxygen on the germination and toxin production of *Clostridium perfringens* spores. In Wada J. and Iwa J.T. (eds): *Proceedings of the Fourth International Congress on Hyperbaric Medicine*. Baltimore: The Williams & Wilkins Co., 1970, p. 276.

Demello F.J., Haglin J.J., and Hitchcock C.R. Comparative study of experimental *Clostridium perfringens* infection in dogs treated with antibiotics, surgery, and hyperbaric oxygen. *Surgery* 73:936-941, 1973.

Peirce E.C. II. Gas gangrene: a critique of therapy. *Surg Rounds* 7:17-25, 1984.

Bakker D.J. Clostridial myonecrosis. In Davis J.C. and Hunt T.K. (eds): *Problem Wounds: The Role of Oxygen*. New York: Elsevier, 1988, pp. 153-172.

Ellis M.E. and Mandal B.K. Hyperbaric oxygen treatment: 10 years' experience of a regional infectious disease unit. *J Infect Dis* 6:187-190, 1971.

Hart G.B., Lamb R.C., and Strauss M.B. Gas gangrene I. A collective review. II. A 15-year experience with hyperbaric oxygen. *J Trauma* 23:991-1000, 1983.

Brummelkamp W.H., Hogendijk J., and Boerema I. Treatment of anaerobic infections (clostridial myonecrosis) by drenching the tissues with oxygen under high atmospheric pressure. *Surgery* 49:299-302, 1961.

Ozorio de Almeida A. and Costa H.M. Treatment of leprosy by oxygen at high pressure associated with methylene blue. *Revist de Leprologia* 6:237-265, 1938.

Wilkinson F.F., Rosasco S.A., Calori B.A., Equia O.F., and Rubio R.A. Conclusions preliminares sobre el use del oxigeno hiperbaro en lepr lepromatosa. [Preliminary conclusions on the use of hyperbaric oxygen in leprosy.] *Revist de Leprologia* 7: 459-471, 1970.

Burns

Wada J., Ikeda T., Kamada K., and others. Oxygen hyperbaric treatment for severe CO poisoning and severe burns in coal mines (Hokutan-Yubari) gas explosion. *Igaku Jpn* 54:68, 1965.

Grossman A.R. Hyperbaric oxygen in the treatment of burns. *Ann Plast Surg* 1/2:163-171,1978.

Wells C.H. and Hilton J.G. Effects of hyperbaric oxygenation on host burn plasma extravasation. In Davis J.C. and Hunt T.K. (eds): *Hyperbaric Oxygen Therapy*. Bethesda, Maryland: Undersea Medical Society, 1977, pp. 259-265.

Ketchum S.A. III, Thomas A.N., and Hall A.D. Angiographic studies of the effects of hyperbaric oxygen on burn wound revascularization. In Wada J. and Iwa T. (eds): *Proceedings of the Fourth International Congress on Hyperbaric Medicine*. Baltimore: Williams and Wilkins, 1969, pp. 388-394.

Ketchum S.A., Thomas A.N. and Hall A.D. Angiographic studies of the effect of hyperbaric oxygenation on burn wound revascularization. In Wada J. and Iwa T. (eds): *Hyperbaric Medicine*. Baltimore: Williams and Wilkins, 1969, pp. 388-394.

Miller T.A. and Korn H.N. Epithelial burn injury and repair. In Davis J.C. and Hunt T.K. (eds): *Hyperbaric Oxygen Therapy*. Bethesda, Maryland: Undersea Medical Society, 1977, pp. 251-257.

Ketchum S.A., Zubrin J.R., Thomas A.N., and others. Effect of HBO on small first, second, and third degree burns. *Surg Forum* 18:65-67, 1967.

Arzinger-jonasch H., Sandner K., and Bittner H. Die widkung hyperbaren sauerstoffs auf brandwunden unterschiedlicher tiefe im tierexperiment. [The effect of hyperbaric oxygen on burn wounds of different depths in animal experiments.] *Z Exp Chir Transplant Kunstliche Organe* 11:6-10, 1978.

Kaiser W., Berger A., Leith H., and Heymann H. Hyperbaric oxygenation in burns. *Handchir Mikrochir Plast Chir* 17:326-330, 1985.

Hart G.B., O'Reilly R.R., Broussard N.D., and others. Treatment of burns with hyperbaric oxygen. *Surg Gynecol Obstet* 139: 693-696, 1974.

Grossman A.R. Hyperbaric oxygen in the treatment of burns. *Ann Plast Surg* 1/2:163-171, 1978.

Bone/Skeletal

Neubauer R.A. and Maxfield J.R. Nonunion fracture treated 33 months after injury with hyperbaric oxygen. *Med Subacquea ed Iperbarica Minerva Med* 1:23-26, 1984.

Strauss M.B. Refractory osteomyelitis. *J Hyper Med* 2:147-159, 1987.

Harrelson J.M. and Hills B.A. Changes in bone marrow pressure in response to hyperbaric exposure. *Aerosp Med* 41:1018-1021, 1970.

Niinikoski J. and Hunt T.K. Oxygen tensions in healing bone. *Surg Gynecol Obstet* 134: 746-750, 1972.

Hunt T.K., Zederfeldt B., and Goldstick T.K. Oxygen and healing. *Am J Surg* 118:521-525, 1969.

Hamblin D.L. Hyperbaric oxygen: its effect on experimental staphylococcal osteomyelitis in rats. *J Bone Joint Surg* 50:1129-1141, 1968.

Davis J.C. and Hunt T.K. Refractory osteomyelitis of the extremities and the axial skeleton. In Davis J.C. and Hunt T.K. (eds): *Hyperbaric Oxygen Therapy*. Bethesda, Maryland: Undersea Medical Society, 1977, pp. 217-227.

Davis J.C., Heckman J.D., Delee J.C., and Buckwold F.J. Chronic non-hematogenous osteomyelitis treated with adjuvant hyperbaric oxygen. *J Bone Joint Surg* 68:1210-1217, 1986.

Morrey B.F., Dunn J.M., Heimbach R.D., and Davis J. Hyperbaric oxygen and chronic osteomyelitis. *Clin Orthop* 144:121-127, 1979.

Mainous E.G., Boyne P.J., and Hart G.B. Hyperbaric oxygen treatment of mandibular osteomyelitis: Report of three cases. *J Am Dent Assoc* 87: 1426-1430, 1973.

Evans B.E., Jacobson J.H., Peirce E.C., Friedman E.W., and Schwartz A.E. Chronic osteomyelitis of mandible. *NY State J Med* 76(6):966-967, 1976.

Walder D.N. Aseptic necrosis in bone. In Strauss R.H. (ed): *Diving Medicine*. New York: Grune and Stratton, 1976, pp. 97-108.

Bonfiglio M. Development of bone necrosis lesions. In Lambertsen C.J. (ed): *Underwater Physiology V. Proceedings of the Fifth Symposium on Underwater Physiology*. Bethesda, Maryland: Federation of American Societies for Experimental Biology, 1976, pp. 117-132.

Neubauer R.A., Kagan R.L., and Gottlieb S.F. Use of hyperbaric oxygen for the treatment of aseptic bone necrosis: a case study. *J Hyper Med* 4:69-76, 1989.

Conti V., Tassy j., Leonardelli M., and Ohresser P. Limits of hyperbaric oxygen in the treatment of aseptic bone necrosis in the femoral head. *Bull Med Sub Hyp* 1:3-4, 1969.

Sainty J.M., Conti V., Aubert L., and Alessandrini G. Role of hyperbaric oxygen in the treatment of aseptic bone necrosis of the hip. *Med Aeronaut Spat Med Subagatique Hyperbare* 19: 215-217,1980.

Baixe J.H., Bidart J., and Nicolini J.C. Treatment of osteonecrosis of the femoral head by hyperbaric oxygen. *Bull Med Sub Hyp* 1:2, 1969.

Mainous E.G. Osteogenesis enhancement utilizing hyperbaric oxygen therapy. *HBO Review* 3:181-185, 1982.

Mainous E.G., Boyne P.J., and Hart G.B. Hyperbaric oxygen treatment of mandibular osteomyelitis: Report of three cases. *J Am Dent Assn* 87: 1426-1430, 1973.

Strauss M.B., Malluche H.H., and Faugere M.C. Effect of hyperbaric oxygen on bone resorption in rabbits. *Seventh Annual Conference on Clinical Application of HBO*, Anaheim, California, 8-18 June 1982.

Mainous E.G. Osteogenesis enhancement utilizing hyperbaric oxygen therapy. *HBO Review* 3:181-185, 1982.

Davis J.C. and Hunt T.K. Refractory osteomyelitis of the extremities and axial skeleton. In Davis J.C. and Hunt T.K. (eds): *Hyperbaric Oxygen Therapy*. Bethesda, Maryland: Undersea Medical Society, 1977, pp. 217-227.

Kulagin L.M., Varguzina V.I., Kirsanove L.N., and others. Regenerative potentials of tissue under HBO conditions depending on the character of the injury. In Yefuni S.N. (ed): *Abstracts of the Seventh International Congress of HBO Medicine*, Moscow: USSR Academy of Sciences, 1981, pp. 326-327.

Tikhilow R.M., Akimov G.C., and Lotovin A.P. Effects of oxygen barotherapy on the re-generation of bone tissue. *Orthop Traumatol Protez* 12:51-52, 1980.

Sepnov V.N. and Uglova M.V.. Features of sternum regeneration in autoplasty under conditions of hyperbaric oxygen. *Orthop Traumatol Protex* 5:51-53, 1979.

Zavesa P.X., Shavab Y.Y., and Abduchudonov S.S. Effects of local oxygen therapy on reparative regeneration of the bone. *Orthop Traumatol Protez* 1:71-72, 1977.

Radiation Therapy Complications

Mainous E.G. Hyperbaric oxygen in maxillofacial osteomyelitis, osteoradionecrosis, and osteogenesis enhancement. In Davis J.C. and Hunt T.K. (eds): *Hyperbaric Oxygen Therapy*. Bethesda, Maryland: Undersea Medical Society, 1977, pp. 191-203.

Greenwood T.W. and Gilchrist A.G. Hyperbaric oxygen and wound healing in post-irradiation head and neck surgery. *Br J Surg* 50:394, 1973.

Hart G.B. and Strauss M.B. Hyperbaric oxygen in the management of radiation injury. In Schmutz J. (ed): *Proceedings of the First Swiss Symposium on Hyperbaric Medicine*. Basel, Switzerland: Foundation for Hyperbaric Medicine, 1986, pp. 31-51.

Luk K.H., Baker D.G., and Fellows C.F. Hyperbaric oxygen after radiation and its effect on the production of radiation myelitis. *Int J Radiat Oncol Bio Phys* 4:457-459, 1978.

Hopewell J.W. Hyperbaric oxygenation after irradiation and its effect on the production of radiation myelitis. *Int J Radiat Oncol Bio Phys* 5:1917, 1979.

Heimbach R.D. Radiation effect on tissues. In Davis J.C. and Hunt T.K. (eds): *Problem Wounds: The Role of Oxygen*. New York: Elsevier, 1988, pp. 53-63.

Torubarov F.S., Pakhomov V.I., Krylova IN., and others. Changes in cerebral hemodynamics in patients with vascular pathology in the late stages of radiation sickness treated with hyperbaric oxygenation. *Zh Neuropatol Psikhiatr* 83:28-33, 1983.

Ferguson B.J., Hudson W.R., and Farmer J.C. Hyperbaric oxygen therapy for laryngeal radionecrosis. *Ann Otol Rhinol Laryngol* 96:1-6, 1987.

Hart G.B. and Strauss M.B. Hyperbaric oxygen in the management of radiation injury. In Schmutz J. (ed): *Proceedings of the First Swiss Symposium on Hyperbaric Medicine*. Basel, Switzerland: Foundation for Hyperbaric Medicine, 1986, pp. 31-51.

Bakker D.J. and Rijkmans B.G. Hyperbaric oxygen in the treatment of radiation-induced hemorrhagic cystitis: a report on 10 cases. In Schmutz J. and Bakker D. (eds): *Proceedings of the Second Swiss Symposium on Hyperbaric Medicine*. Basel, Switzerland: Foundation for Hyperbaric Medicine, 1989.

Weiss J.P. and Neville E.C. Hyperbaric oxygen: primary treatment of radiation-induced hemorrhagic cystitis. *J Urol* 142: 43-45, 1989.

Glassburn J.R., Brady L.W., and Plenk H.P. Hyperbaric oxygen in radiation therapy. *Cancer* 39:751-765, 1977.

Marx R.E., Johnson R.P., and Kline S.N. Prevention of osteoradionecrosis: a randomized prospective clinical trial of hyperbaric oxygen versus penicillin. *J Am Dent Assn* 111:49-54, 1985.

Kaufman T., Hirshowitz B., and Monies-Chass I. Hyperbaric oxygen for postirradiation osteomyelitis of the chest wall. *Harefuah* 97:220-222, 271, 1979.

Marx R.E. and Johnson R.P. Problem wounds in oral and maxillofacial surgery: the role of hyperbaric oxygen. In Davis I.C. and Hunt T.K. (eds): *Problem Wounds: The Role of Oxygen*. New York: Elsevier, 1988, pp. 65-123.

Poisoning

End E. and Long C.W. HBO in carbon monoxide poisoning. I. Effect on dogs and guinea pigs. *J Ind Hyg Toxicol* 24:302-306, 1942.

Araki R., Nashimoto I., and Takano T. The effect of hyperbaric oxygen on cerebral hemoglobin oxygenation and dissociation rate of carboxyhemoglobin in anesthetized rats: spectroscopic approach. *Adv Exp Med Biol* 222:375-381, 1988.

Smith G., Ledingham I.M., Sharp G.R., and others. Treatment of coal-gas poisoning with oxygen at 2 atmospheres of pressure. *Lancet* 1:816-818, 1962.

Ziser A., Shupak A., Halpern P., and others. Delayed hyperbaric oxygen treatment for acute carbon monoxide poisoning. *BMJ* 289:960, 1984.

Neubauer R.A. Carbon monoxide and hyperbaric oxygen. *JAMA* 139:629, 1979.

Winter A. and Shatin L. Hyperbaric oxygen in reversing carbon monoxide coma. *NY State J Med* 70:889-894, 1970.

Yee L.M. and Brandon G.K. Successful reversal of presumed carbon monoxide-induced semi-coma. *Aviat Space Environ Med* 54:641-643, 1983.

Rioux J.P. and Myers R.A.M. Hyperbaric oxygen for methylene chloride poisoning. *Ann Emer Med* 18:691-695, 1989.

Takashi H., Kobayashi S., and Sakakibara K. The value of hyperbaric oxygen therapy in preventing late manifestations following acute carbon monoxide poisoning. In Kindwall, E.P. (ed): *Proceedings of the Eighth International Congress on Hyperbaric Medicine*. San Pedro, California: Best, 1987, pp. 274-281.

Raphael J.C., Elkharrat D., Jars-Giuncestre M.C., and others. Trial of normobaric and hyperbaric oxygen for acute carbon monoxide intoxication. *Lancet* ii:414-419, 1989.

Ducasse J.L., Izard P.H., Celsis P., and others. Moderate carbon monoxide poisoning: hyperbaric or normobaric oxygenation? Human randomized study with tomographic cerebral blood flow measurement. In Schmutz J. and Bakker D. (eds): *Proceedings of the Second Swiss Symposium on Hyperbaric Medicine*. Basle, Switzerland: Foundation for Hyperbaric Medicine, 1988.

Thom S.R. Experimental carbon monoxide-mediated brain lipid peroxidation and the effects of oxygen therapy. *Ann Emer Med* 17:403, 1988.

Trapp W.G. and Lepawsky M. 100% survival in five life-threatening acute cyanide poisoning victims treated by a therapeutic spectrum including hyperbaric oxygen. *First European Congress Hyperbaric Medicine*, Amsterdam, 7-9 September 1983.

Bitterman N., Talmi Y., and Lerman E. The effects of hyperbaric oxygen on acute experimental sulfide poisoning in the rat. *Toxicol Appl Pharmacol* 84:325-328, 1986.

Smilkstein M.J., Bronstein A.C., Pickett H.M., and others. Hyperbaric oxygen therapy for severe hydrogen sulfide poisoning. *J Emer Med* 3:27-30, 1985.

Whitecraft D.D., Bailey T.D., and Hart G.B. Hydrogen sulfide poisoning treated with hyperbaric oxygen. *J Emer Med* 3:23-25, 1985.

Hsu P., Lo H.W., and Line Y.T. Acute hydrogen sulfide poisoning treated with hyperbaric oxygen. *J Hyper Med* 2:212-221, 1987.

Saltzman H.A. Acute hepatic injury due to carbon tetrachloride poisoning and use of hyperbaric oxygen therapy. *HBO Review* 2:171-174, 1981.

Troop B.R., Majerus T., Bernacchi A., and others. Hyperbaric oxygen improves survival in rats poisoned with carbon tetrachloride. *J Hyper Med* 1:157-161, 1986.

Montana S. and Perret C. HBO during experimental intoxication with carbon tetrachloride. *Rev Fr Etud Clin Biol* 12:274-278, 1967.

Truss C.D. and Killenberg P.G. Treatment of carbon tetrachloride poisoning with hyperbaric oxygen. *Gastroenterology* 82:767-769, 1982.

Saltzman H.A. Acute hepatic injury due to carbon tetrachloride poisoning and use of hyperbaric oxygen therapy. *HBO Review* 2:171-174, 1981.

Larcen V., Laprevote-Heully M.C., Lambert H., and others. Intoxication and ingestion of a massive dose of carbon tetrachloride. Recovery probably related to early hyperbaric oxygen therapy. *Ann Chir* 28: 445-454, 1973

Sheehy M.H. and Way J.L. Nitrite intoxication: protection with methylene blue and oxygen. *Toxicol Appl Pharmacol* 30: 221-226, 1974.