

8 Literaturverzeichnis

Ackerman NB, Brinkley FB. Oxygen tension in normal and ischemic tissues during hyperbaric therapy *JAMA* 1970; 198: 142-148

Anderson D. Antioxidant defences against reactive oxygen species causing genetic and other damage *Mutat Res* 1996; 350: 103-108

Anderson HC. Matrix vesicle calcification. Introduction. *Fed Proc* 1976; 35: 105-108

Anderson HC. Vesicles associated with calcification in the matrix of epiphyseal cartilage *J Cell Biol* 1969; 41: 59-77

Andrew C, Bassett L. Current concepts of bone formation *J Bone Joint Surg* 1962; 44: 1217-1244

Barber HD, Seckinger RJ, Hayden RE, Weinstein GS. Evaluation of osseointegration of endosseous implants in radiated, vascularized fibula flaps to the mandible: A pilot study *J Oral Maxillofac Surg* 1995; 53: 640-644

Barth A, Sullivan T, Berg ED. Animal model for evaluating bone repair with and without adjunctive hyperbaric oxygen therapy (HBO): Comparing dose schedules *J Invest Surg* 1990; 3: 387-392

Bassett CAL, Herrmann I. Influence of oxygen concentration and mechanical factors on differentiation of connective tissues in vitro *Nature* 1961; 190: 460-461

Basso N, Heersche JN. Characteristics of in vitro osteoblastic cell loading models *Bone* 2002; 30: 347-351. Review

Beehner MR, Marx RE. Hyperbaric oxygen induced tissue angiogenesis: A human histologic and tissue oxygen tension study. American Association of Oral and Maxillofacial Surgeons, Scientific abstract session 1983; 78-79

Bellows CG, Aubin JE, Heersche JN, Antosz JE. Mineralized bone nodules formed in vitro from enzymatically released rat calvaria cell populations *Calcif Tissue Int* 1986; 38: 143-154

Bellows CG, Aubin JE, Heersche JNM. Initiation and progression of mineralization of bone nodules formed in vitro the role of alkaline phosphatase and organic phosphate *Bone and Mineral* 1991; 14: 27-40

Bernard GW, Pease DC. An electron microscopic study of initial intramembranous osteogenesis *Am J Anat* 1969; 125: 271-291

Bettinghausen E. Hyperbare Oxigenations-Therapie; Sinnvoller Einsatz, mögliche Risiken, physikalisch-physiologische Grundzüge der Sauerstoffanwendung unter Überdruck *Deutsches Ärzteblatt* 1993; 49: B2443-B2446

Bitterman N, Bitterman H, Kinarty A, Melamed Y, Lahat N. Effect of a single exposure to hyperbaric oxygen on blood mononuclear cells in human subjects *Undersea Hyperb Med* 1993; 20: 197-204

Bitterman N, Lahat N, Rosenwald T, Kinarty A, Melamed Y, Bitterman H. Effect of hyperbaric oxygen on tissue distribution of mononuclear cell subsets in the rat *J Appl Physiol* 1994; 277: 2355-2359

Bock KH, Frey G, Lampl L. Hyperbare Oxygenation in: Lawin P Hrsg. Praxis der Intensivbehandlung. 6. Auflage. Stuttgart, New York: Thieme Verlag; 1994: 415-437

Boerema I, Meyne NG, Brummelkamp WK. Life without blood *J Cardiovasc Surg* 1960; 1: 133-146

Boskey AL. Current concepts of the physiology and biochemistry of calcification *Clin Orthop* 1981; 157: 225-251

Boskey AL. The role of calcium-phospholipide-phosphatase complexes in tissue mineralization *Metab Bone Dis Relat Res* 1978; 1: 137-142

Breinbauer B, Mielke L, Stolp BW, Entholzner E, Hargasser S, Hipp R. Indikationen für HBO bei chronischen Erkrankungen *Anästhesiol Intensivmed Notfallmed Schmerzther* 1996; 31: 102-105

Brighton CT, Heppenstall RB. Oxygen tension in zones of epiphyseal plate, the metaphysis and diaphysis. An in vitro and in vivo study in rats and rabbits *J Bone Joint Surg Am* 1971; 53-A(4): 719-728

Brighton CT, Krebs AG. Oxygen tension of healing fractures in the rabbit *J Bone Joint Surg* 1972; 54-A(2): 323-333

Brown SD, Piantadosi CA. Reversal of carbon monoxide-Cytochrome c oxidase binding by hyperbaric oxygen in vivo *Adv Exp Med Biol* 1989; 248: 747-754

Brummelkamp WH, Hoogendijk J, Boerema J. Treatment of anaerobic infections by drenching the tissues with oxygen under high atmospheric pressure *Surgery* 1961; 49: 299-302

Clark JM, Lambertsen CJ. Pulmonary oxygen toxicity: a review. *Pharmacol Rev* 1971; 23: 37-133

Clayman L. Management of dental extractions in irradiated jaws: A protocol without hyperbaric oxygen therapy *J Oral Maxillofac Surg* 1997; 55: 275-281

Cottrill CP, Archer CW, Hornbruch A, Wolpert L. The differentiation of normal and muscle-free distal chick limb bud mesenchyme in micromass culture *Dev Biol* 1987; 119: 143-151

Coulson DB, Ferguson AB Jr., Diehl RC Jr. Effect of hyperbaric oxygen on the healing femur of the rat *Surg Forum* 1966; 17: 449-450

Dahlin C, Linde A, Röckert H. Stimulations of early bone formation by combination of an osteopromotive membrane technique and hyperbaric oxygen *Scand J Plast Reconstr Hand Surg* 1993; 27: 103-108

Dell'Orbo C, Quacci D, Pazzaglia U. The role of proteoglycans at the beginning of the calcification process: histochemical and ultrastructural observations *Basic Appl Histochem* 1982; 26: 35-46

De Pollak C, Arnaud E, Renier D, Marie PJ. Age-related changes in bone formation, osteoblastic cell proliferation and differentiation during postnatal osteogenesis in human calvaria *J Cell Biochem* 1997; 64: 128-139

Dhem A, Passeelecq E, Peten E. Cartilage calcification in the human thoracic column *Acta Anat* 1987; 129: 227-230

Domm C, Fay J, Schünke M, Kurz B. Die Redifferenzierung von dedifferenzierten Ge-lenkknorpelzellen in Alginatkultur – Einfluss von intermittierendem hydrostatischen Druck und niedrigem Sauerstoffpartialdruck *Orthopäde* 2000; 29: 91-99

Ecarot-Carrier B, Glorieux FH, Van der Rest M, Pereira G. Osteoblasts isolated from mouse calvaria initiate matrix mineralization in culture *J Cell Biol* 1983; 96: 639-643

El Haj AJ, Minter SL, Rawlinson SC, Suswillo R, Lanyon LE. Cellular responses to mechanical loading in vitro *J Bone Miner Res* 1990; 5: 923-932

Fell HB. Experiments on the differentiation in vitro of cartilage and bone. Part I *Arch F Exper Zellforsch* 1928; 7:390-412

Fell HB, Robinson R. The growth, development and phosphatase activity of embryonic avian femora and limb-buds cultivated in vitro *Biochem J* 1965; 23: 767-784

Fitton-Jackson S. The fine structure of developing bone in the embryonic fowl *Proc Soc Biol* 1957; 146: 270-280

Foster JH. Hyperbaric oxygen therapy: Contraindications and Complications *J Oral Maxillofac Surg* 1992; 50: 1081-1086

Freshney RI. Tierische Zellkulturen. Ein Methoden-Handbuch. (Schütt, M. ed.)
Walter de Gruyter & Co, 1990

Frey G, Lampl L, Radermacher P, Bock KH. Hyperbare Oxygenation. Ein Betätigungs-feld für den Anästhesisten? *Anaesthesist* 1998; 47: 269-289

Fridovich I. The biology of oxygen radicals *Science* 1978; 201: 875-880

Glimcher MJ. Molecular biology of mineralized tissues with particular references to bone
Rev Mod Phys 1959; 31: 359-393

Granström G, Hansson H, Johnsson K, Jacobsson M, Albrektsson T, Turesson I.
Hyperbaric Oxygenation can increase bone to titanium implant interface strength after
irradiation Proc XVIIIth EUBS-meeting, Basel, Switzerland 1992; 151-155

Gray DH, Hamblen DL. The effects of hyperoxia upon bone in organ culture *Clin Orthop Relat Res* 1976; 119: 225-230

Gray DH, Katz JM, Speak KS. The effect of varying oxygen tensions on hydroxyproline synthesis in mouse calvaria in vitro *Clin Orthop* 1980; 146: 276-281

Gray DH, Katz JM, Speak K. The effects of varying oxygen tensions upon bone resorption in vitro *J Bone Joint Surg Br* 1978; 60-B(4): 575-578

Greiling H, Gressner AM. Lehrbuch der Klinischen Chemie und Pathobiochemie
Schattauer-Verlag Stuttgart New York 1995

Grimshaw MJ, Mason RM. Bovine articular chondrocyte function in vitro depends upon oxygen tension *Osteoarthritis Cartilage* 2000; 8: 386-392

Gutteridge JMC. Biological origin of free radicals and mechanisms of antioxidant protection *Chem Biol Interact* 1994; 91: 133-140

Hall BK. Cellular differentiation in skeletal tissues *Biol Rev* 1970; 45: 455-484

Halliwell B. Free radicals, antioxidants and human disease: curiosity, cause or consequence? *Lancet* 1994; 344: 721-724

Hammarlund C. The physiological effects of hyperbaric oxygen in Kindwall EP, Hyperbaric Medicine Practice. Flagstaff, AZ, Best Publishing, 1994; p 17-32

Hansen U, Schünke M, Domm C, et al. Combination of reduced oxygen tension and intermittent hydrostatic pressure: a useful tool in articular cartilage tissue engineering *J Biomech* 2001; 34: 941-949

Hart GB, Lennon PA, Strauss MB. Hyperbaric oxygen in exceptional acute blood-loss anemia *J Hyperbaric Med* 1987; 2: 205-210

Hill GB, Osterhout S. Experimental effects of hyperbaric oxygen on selected clostridial species I in vitro studies and II in vivo studies in mice *J Infect Dis* 1972; 125: 17-35

Hills BA. A role for oxygen-induced osmosis in hyperbaric oxygen therapy *Med Hypotheses* 1999; 52: 259-263

Hills BA. Gas-induced osmosis in the lung *J Appl Physiol* 1972; 33: 126-129

Hipp R, Frey G, Mielke L, Breinbauer B, Kling M, Hargasser S. Technische Voraussetzungen, personelle Anforderungen und praktische Durchführung der hyperbaren Sauerstofftherapie *Anästhesiol Intensivmed Notfallmed Schmerzther* 1996; 31: 108-110

Hsu HHT, Anderson HC. The deposition of calcium pyrophosphate and phosphate by matrix vesicles isolated from fetal bovine epiphyseal cartilage *Calcif Tissue Int* 1984; 36: 615-621

Hunt TK, Pai MP. The effect of varying ambient oxygen tensions on wound metabolism and collagen synthesis *Surg Gynecol Obstet* 1972; 135: 561-567

Jacobson M, Jonsson A, Albrektsson T. Dose-response for bone regeneration after single doses of 60 Co irradiation *Int J Radiat Oncol Biol Phys* 1985; 11: 1963-1970

Janssen YM. Cell and tissue responses to oxidative damage *Lab Invest* 1993; 69: 261-274

Johnson K, Jung A, Murphy A, Andreyev A, Dykens J, Terkeltaub R. Mitochondrial oxidative phosphorylation is a downstream regulator of nitric oxide effects on chondrocyte matrix synthesis and mineralization *Arthritis Rheum* 2000; 43: 1560-1570

Johnson RP, Marx RE, Buckley SB. Hyperbaric oxygen in oral and maxillofacial surgery in Controversies in Oral and Maxillofacial Surgery. Philadelphia, PA, Saunders, 1994

Junqueira LC, Carneiro J. Histologie
Springer-Verlag Berlin Heidelberg New York 1996

Kaiser W, Berger A, von der Lieth H, Heymann H. Hyperbare Oxygenation bei Verbrennungen *Handchirurgie* 1985; 17: 326-330

Kaye D. Effect of hyperbaric oxygen on clostridia in vitro and in vivo *Proc Soc Exp Biol Med* 1967; 124: 360-366

Keller EE. Placement of dental implants in the irradiated mandible: a protocol without adjunctive hyperbaric oxygen *J Oral Maxillofac Surg* 1997; 55: 972-980

Knighton DR, Hunt TK, Schenestahl H. Oxygen tension regulates the expression of angiogenesis factor by macrophages *Science* 1983; 221: 1283-1289

Kühnel W. Taschenatlas der Zytologie, Histologie und mikroskopischen Anatomie Georg Thieme Verlag Stuttgart New York 1995

Lambert PM, Intriere N, Eichstaedt R. Management of dental Extractions in irradiated Jaws: A Protocol with hyperbaric oxygen therapy *J Oral Maxillofac Surg* 1997; 55: 268-274

Lampl L, Frey G, Dietze T, Trauschel M. Hyperbaric oxygen in intracranial abscesses *J Hyperbaric Med* 1989; 4: 111-126

Landis WJ, Paine MC, Glimcher MJ. Electron microscopic observations of bone tissue prepared anhydrously in organic solvents *J Ultrastruct Res* 1977; 59: 1-30

Lane JM, Brighton CT, Menkowitz BJ. Anaerobic and aerobic metabolism in articular cartilage *J Rheumatol* 1977; 4: 334-342

Larsen PE. Placement of dental implants in the irradiated mandible: A protocol involving adjunctive hyperbaric oxygen *J Oral Maxillofac Surg* 1997; 55: 967- 971

Larsen PE, Stronczek MJ, Beck FM, Rohrer M. Osseointegration of implants in radiated bone with and without adjunctive hyperbaric oxygen *J Oral Maxillofac Surg* 1993; 51: 280-287

Larsen PE, Stronczek MJ, Liston T. Implant osseointegration in irradiated rabbit tibia with and without hyperbaric oxygen *J Oral Maxillofac Implants* 1992; 7: 125-133

Lee RB, Urban JP. Functional replacement of oxygen by other oxidants in articular cartilage *Arthritis Rheum* 2002; 46: 3190-3200

Lewis LA, Irving JT. An autoradiographic investigation of bone remodelling in the rat calvarium grown in organ culture *Arch Oral Biol* 1970; 15: 769-776

Linde A, Lussi A, Grenshaw MA. Mineral induction by immobilized polyanionic proteins *Calcif Tissue Int* 1989; 44: 286-295

Loft S, Poulsen HE. Cancer risk and oxidative DNA damage in man *J Mol Med* 1996; 74: 297-312

Mader JT, Adams KR, Sutton TE. Infectious diseases: pathophysiology and mechanisms of hyperbaric oxygen *J Hyperbaric Med* 1987; 2: 133-140

Mainous EG. Osteogenesis enhancement utilizing hyperbaric oxygen therapy *HBO Rev* 1982; 3: 181-185

Malda J, Martens DE, Tramper J, van Bitterswijk CA, Riesle J. Cartilage tissue engineering: controversy in the effect of oxygen *Crit Rev Biotechnol* 2003; 23: 175-194

Malda J, Rouwkema J, Martens DE, et al. Oxygen gradients in tissue-engineered PEGT/PBT cartilaginous constructs: measurement and modelling *Biotechnol Bioeng* 2004; 86: 9-18

Manson PN, Im MJ, Myers RA, Hoopes JE. Improved capillaries by hyperbaric oxygen in skin flaps *Surg Forum* 1980; 31: 564-566

Marie PJ. Human osteoblastic cells: Relationship with bone formation *Calcif Tissue Int* 1995; 56: 13-16

Marx RE. A new concept in the treatment of osteoradionecrosis *J Oral Maxillofac Surg* 1983; 41: 351-357

Marx RE. Osteoradionecrosis: A new concept of its pathophysiology *J Oral Maxillofac Surg* 1983; 48: 283-288

Marx RE, Ames JR. The use of hyperbaric oxygen therapy in bony reconstruction of the irradiated and tissue-deficient patient *J Oral Maxillofac Surg* 1982; 40: 412-420

Marx RE, Ehler WJ, Tayapongsak P, Pierce LW. Relationship of oxygen dose to angiogenesis induction in irradiated tissue *Am J Surg* 1990; 160: 519-524

Marx RE, Johnson RP. Studies in the radiobiology of osteoradionecrosis and their clinical significance. *Oral Surg Oral Med Oral Pathol* 1987; 64: 379-390

Merker HJ, Zimmermann B, Grundmann K. Differentiation of isolated blastemal cells from limb buds into chondroblasts In: *Tissue culture in medical research*, 31-39; Richards RJ & Rajan KT, Pergamon Press, Oxford, UK, 1980

Mielke L, Breinbauer B, Kling M, Eisler K, Moon RE, Hipp R. Indikationen für den primären oder frühzeitigen Einsatz der HBO *Anästhesiol Intensivmed Notfallmed Schmerzther* 1996; 31: 100-102

Mielke L, Hargasser S, Entholzner E, Breinbauer B, Kling M, Hipp R. Erweiterung der Indikationen für die HBO – gegenwärtige Entwicklung und Stand der klinischen Erprobung *Anästhesiol Intensivmed Notfallmed Schmerzther* 1996; 31: 106-108

Miksits K, Großgebauer K, Hahn H. Medizinische Mikrobiologie und Infektiologie Springer-Verlag Berlin Heidelberg New York 1992

Miwa T, Shoji H, Solomonow M, Nakamoto T. The effect of oxygen tension on collagen synthesis and calcium uptake in newborn rats` calvaria in vitro *J Jpn Orthop Assoc* 1990; 64(1): 76-81

Moon RE, de Lisle Dear G, Stolp BW. Treatment of decompression illness and iatrogenic gas embolism *Respir Care Clin N Am* 1999; 5: 93-135

Moon RE, DeLong E. Hyperbaric oxygen for carbon monoxide poisoning – Are currently recommended regimes ineffective? *MJA* 1999; 170: 197-199

Moon RE, Mielke L, Breinbauer B, Entholzner E, Hargasser S, Hipp R. Hyperbare Oxygenierung (HBO): Therapie mit Sauerstoff im Überdruck *Anästhesiol Intensivmed Notfallmed Schmerzther* 1996; 31: 97-99

Mounsey RA, Brown DH, O'Dwyer TP, Gullane PJ, Koch GH. Role of hyperbaric oxygen therapy in the management of mandibular osteoradionecrosis *Laryngoscope* 1993; 103: 605-609

Murphy CL, Polak JM. Control of human articular chondrocyte differentiation by reduced oxygen tension *J Cell Physiol* 2004; 199: 451-459

Murphy CL, Sambanis A. Effect of oxygen tension on chondrocyte extracellular matrix accumulate *Connect Tissue Res* 2001; 42: 87-96

Nefussi JR, Boy-Lefevre ML, Boulekbache H, Forest N. Mineralization in vitro of matrix formed by osteoblasts isolated by collagenase digestion. *Differentiation* 1985; 29: 160-168

Nemiroff PM, Lungu AL. The influence of hyperbaric oxygen and irradiation on vascularity in skin flaps: a controlled study *Surg Forum* 1987; 38: 565-567

Neumann WF, Neumann WM. The nature of mineral phase of bone *Chem Rev* 1953; 53: 1-45

Nevo Z, Beit-Or A, Eilam Y. Slowing down aging of cultured embryonal chick chondrocytes by maintenance under lowered oxygen tension *Mech Ageing Dev* 1988; 45: 157-165

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

Niinikoski J, Hunt TK. Oxygen tensions in healing bone *Surg Gynecol Obstet* 1972; 134: 746 – 750

Niinikoski J, Penttinen R, Kulonen E. Effect of hyperbaric oxygenation on fracture healing in the rat: A biochemical study *Calcif Tissue Res* 1970; 4: 115-116

Nilsson LP, AlbrektssonT, Granström G, Röckert HOE. The effect of hyperbaric oxygen treatment on bone regeneration : An experimental study using the bone harvest chamber in the rabbit *Int J Oral Maxillofac Implants* 1988; 3: 43-48

Nylander G, Nordstrom H, Eriksson E. Effects of hyperbaric oxygen on oedema formation after a scald burn *Burns Incl Therm Inj* 1984; 10: 193-196

Oakley CA, Priestley GC. Density-dependent regulation of skin-fibroblast glycosaminoglycan synthesis and secretion by cultured rat fibroblasts *J Biol Chem* 1980; 255: 10091-10099

O'Driscoll SW, Fitzsimmons JS, Comisso CN. Role of oxygen tension during cartilage formation by periosteum *J Orthop Res* 1997; 15(5): 682-687

Oriani G, Sala C, Campagnoli P, et al. Oxygen therapy and diabetic gangrene: A review of 10 years` experience XVIIIth Annual Meeting of EUBS – Joint Meeting on Diving and Hyperbaric Medicine – 3rd Swiss Symposium September 1992; Session H: 178-181

Park MK, Muhvich KH, Myers RAM, Marzella L. Effects of hyperbaric oxygen in infectious diseases: basic mechanisms; in: Kindwall E, editor. *Hyperbaric Medicine Practice*. Flagstaff: Best Publishing Company, 1994: 141-172

Penttinen R. Biochemical studies on fracture healing in the rat with special reference to the oxygen supply *Acta Chir Scad Suppl* 1972; 432: 1-32

Pizette S, Niswander L. Early steps in limb patterning and chondrogenesis *Novartis Found Symp* 2001; 232: 23-46

Prasad GC, Reynolds JJ. Effect of environmental factors on the repair of bone in vitro *J Bone Joint Surg Br* 1968; 50: 401-408

Rivera JC. Decompression sickness among divers: An analysis of 935 cases *Milit Med* 1964; 129: 314-334

Roberts GP, Harding KG. Stimulation of glycosaminoglycan synthesis in cultured fibroblasts by hyperbaric oxygen *Br J Dermatol* 1994; 131: 630-633

Rothfuss A, Denno C, Speit G. Adaptive protection against the induction of oxidative DNA damage after hyperbaric oxygen treatment *Carcinogenesis* 1998; 19: 1913-1917

Sawai T, Niimi A, Takahashi H, Ueda M. Histologic study of the effect of hyperbaric oxygen therapy on autogenous free bone grafts *J Oral Maxillofac Surg* 1996; 54: 975-981

Scheinkestel CD, Bailey M, Myles PS, et al. Hyperbaric or normobaric oxygen for acute carbon monoxide poisoning: a randomised controlled clinical trial *MJA* 1999; 170: 203-210

Schmidt RF, Thews G. Physiologie des Menschen
Springer Verlag Berlin Heidelberg New York, 1995

Scott JE. Proteoglycan-fibrillar collagen interactions *Biochem J* 1998; 252: 313-323

Shapiro IM, Mansfield KD, Evans SM, Lord EM, Koch CJ. Chondrocytes in the endochondral growth cartilage are not hypoxic *Am J Physiol* 1997; 272: C1134-C1143

Shaw JL, Bassett CAL. The effects of varying oxygen concentrations on osteogenesis and embryonic cartilage in vitro *J Bone Joint Surg Am* 1967; 49: 73-80

Sheffield PJ. Tissue oxygen measurements with respect to soft-tissue wound healing with normobaric and hyperbaric oxygen *HBO Rev* 1985; 6: 18-46

Smith G, Ledingham IM, Sharp GR, Norman JN, Bates EH. Treatment of coal-gas poisoning with oxygen at 2 atmospheres pressure *Lancet* 1962; 1: 816-819

Speit G, Dennog C, Eichhorn U, Rothfuß A, Kaina B. Induction of heme oxygenase-1 and adaptive protection against the induction of DNA damage after hyperbaric oxygen treatment *Carcinogenesis* 2000; 21 (10): 1795-1799

Strauss MB. Role of hyperbaric oxygen therapy in acute ischemias and crush injuries – an orthopedic perspective *HBO Review* 1981; 2: 87-108

Tate G, Triplett R, Ehler W. Osseointegration in irradiated dog tibias *J Dent Res* 1991; 70: 511-519

Thorn JJ, Kallehave F, Westergaard P, Hansen EH, Gottrup F. The effect of hyperbaric oxygen on irradiated oral tissues: Transmucosal oxygen tension measurements *J Oral Maxillofac Surg* 1997; 55: 1103-1107

Thorsen E, Aanderud L, Aasen TB. Effects of standard hyperbaric oxygen treatment protocol on pulmonary function *Eur Respir J* 1998; 12: 1442-1445

Tuncay OC, Ho D, Barker MK. Oxygen tension regulates osteoblast function
Am J Orthod Dentofacial Orthop 1994; 105(5): 457-463

UHMS - Undersea and Hyperbaric Medical Society. Hyperbaric oxygen therapy - a committee report 1989, Undersea and Hyperbaric Medical Society, Maryland

UHMS - Undersea and Hyperbaric Medical Society. Hyperbaric oxygen 2003: Indications and results; The hyperbaric oxygen therapy committee report, Undersea and Hyperbaric Medical Society, Maryland

Van den Bos T, Beertsen W. Alkaline phosphatase activity in human periodontal ligament: Age effect and relation to cementum growth rate. *J Periodont Res* 1999; 34: 1-6

Van Hoesen KB, Camporesi EM, Moon RE, Hage ML, Pantadosi CA. Should hyperbaric oxygen be used to treat the pregnant patient for acute carbon monoxide poisoning? *JAMA* 1989; 261: 1039-1043

Verklin RN Jr, Mandell GL. Alteration of effectiveness of antibiotics by anaerobiosis. *J Lab Clin Med* 1977; 89: 65-71

Von der Mark K, Conrad G. Cartilage cell differentiation: Review *Clin Orthop* 1979; 139: 185-205

Von der Mark K, von der Mark H. The role of three genetically distinct collagen types in endochondral ossification and calcification of cartilage *J Bone Joint Surg* 1977; 59B: 458-464

Wattel F, Mathieu D, Neviere R. Transcutaneous oxygen pressure measurements *J Hyp Med* 1991; 6: 269-281

Wirjosemito SA, Touhey JE. Hyperbaric oxygen therapy and hereditary spherocytosis: Report of 2 cases *J Hyperbaric Med* 1988; 3: 45-50

Wolf HK, Folk JC, Goeker NE. Barotrauma and air embolism in hyperbaric oxygen therapy *Am J Forensic Med Pathol* 1990; 11: 149-161

Wray JB, Rogers LS. Effect of hyperbaric oxygenation upon fracture healing in the rat *J Surg Res* 1968; 8: 373-378

Yablon IG, Cruess RL. The effect of hyperbaric oxygen on fracture healing in rats *J Trauma* 1968; 8: 186-202

Ysart GE, Mason RM. Responses of articular cartilage explant cultures to different oxygen tensions *Biochemical and Biophysical Acta* 1994; 1221: 15-20

Yuan H. Species difference in the resistibility of embryonic fibroblasts against oxygen-induced growth inhibition *Comp Biochem Physiol B Biochem Mol Biol* 1995; 110: 145-154

Zimmermann B. Degeneration of osteoblasts involved in intramembranous ossification of fetal rat calvaria *Cell Tissue Res* 1992; 267: 75-84

Zimmermann B. Occurrence of osteoblast necroses during ossification of long bone cortices in mouse fetuses *Cell Tissue Res* 1994; 275: 345-353

Zimmermann B, Wachtel HC, Noppe C. Patterns of mineralization in vitro *Cell Tissue Res* 1991; 263: 483-493

Zimmermann B, Wachtel HC, Somogyi H. Endochondral mineralization in cartilage organoid culture *Cell Differ Dev* 1990; 31: 11-22

Zimmermann B, Wachtel HC, Somogyi H, Merker HJ, Bernimoulin JP. Bone formation by rat calvarial cells grown at high density in organoid culture. *Cell Differ Dev* 1988; 24: 145-154

Zimmermann B, Wachtel HC, Vormann J. Kinetics of beta-glycerophosphate-induced endochondral mineralization in vitro. Calcium accumulation, alkaline phosphatase activity and effects of levamisole *Calcif Tissue Int* 1992; 51: 54-61