
2018

- [Shaw R., Butterworth C., Tesfaye B., Bickerstaff M., Dodd S., Smerdon G., Chauhan S., Brennan P., Webster K., McCaul J., Nixon P., Kanatas A., Silcocks P.](#) (2018) HOPON (Hyperbaric Oxygen for the Prevention of Osteoradionecrosis): a randomised controlled trial of hyperbaric oxygen to prevent osteoradionecrosis of the irradiated mandible: study protocol for a randomised controlled trial. *Trials*. 2018 Jan 10;19(1):22. doi: 10.1186/s13063-017-2376-7.
- [Ferguson, DCJ, Smerdon, GR, Harries, LW, Dodd, NJF, Murphy, MP, Curnow, A, Winyard, PG.](#) (2018) Altered cellular redox homeostasis and redox responses under standard oxygen cell culture conditions *versus* physioxia. *Free Radical Biology and Medicine* 126:322-333
- [Bishop A., Witts S., Martin T.](#) (2018) The role of nutrition in successful wound healing. *JCN*.32(4):pp44-50
- [Bishop, AJ.](#) Using antimicrobial dressings to treat infected wounds. *The Diabetic Foot Journal* Vol.21 no. 3 (2018) pp168 – 171
- [Bishop, AJ, Huish, S.](#) (2018) Using a combination of surgical debridement, negative pressure wound therapy and hyperbaric oxygen therapy. *Wounds UK* Vol.14 no 5 pp 52-57

2017

- [Eggleton, P., Smerdon, G.R., Holley, J.E., Gutowski, N.J.](#) (2017) Manipulation of oxygen and endoplasmic reticulum stress factors as possible interventions for treatment of multiple sclerosis: evidence for and against. *Advances in Experimental Medicine and Biology* 958:pp11-27
- [Bishop A. & White R.](#) (2017) Venous leg ulcers in the UK: the local burden of illness and the allocation of resources. *Wounds UK*. EWMA Special: 8-13
- [Ousey K., Stephen-Hayes J., Tickle J., Downie F., Rudman J. & Bishop A.](#) (2017) Reducing funding for CPD courses: what does it mean for tissue viability? *Wounds UK*. 13(1): 10-15
- [White, R., Smerdon, G., Bishop, A., Witts, S., Reeves, J., Ashford, C.](#) (2017) Comment on Guest et al. 'The health economic burden that acute and chronic wounds impose on an average clinical commissioning group/health board in the UK'. *Journal of Wound Care* 26(6):pp353-355

2016

- [White R. & Witts S.](#) (2016) Sepsis and chronic wounds: What do you know? What should you know? *Wounds UK*. 12(4): 48-51
- [White R., Witts S., Hopkins A. & Ewart J.](#) (2016) The differences in approach and clinical outcomes of venous leg ulcers managed in primary and secondary care. *Wounds UK*. 12(2): 10-19
- [Dogra, Y, Ferguson, DCJ, Dodd, NJF, Smerdon, GR, Curnow, A, Winyard, PG.](#) (2016) The hydroxypyridinone iron chelator CP94 increases methyl-aminolaevulinate-based photodynamic cell killing by increasing the generation of reactive oxygen species. *Redox Biology* In press. 10.1016/j.redox.2016.07.002
- [Glover, M., Smerdon, GR, Andreyev, HJ, Benton, BE, Bothma, P, Firth, O, Gothard, L, Harrison, J, Ignatescu, M, Laden, G, Martin, S, Maynard, L, McCann, D, Penny, CEL, Phillips, S, Sharp, G and Yarnold, J](#) (2016) Hyperbaric oxygen for patients with chronic bowel dysfunction after pelvic radiotherapy (HOT2): a randomised, double-blind, sham-controlled phase 3 trial. *Lancet Oncol*. 17(2):224-33

2015

- [St Leger Dowse M, Waterman MK, Penny CEL, Smerdon GR.](#) (2015) Does self certification reflect the cardiac health of UK sport divers? *Diving and Hyperbaric Medicine* 45(3):184-189.
- [Bishop AJ](#) (2015) Diabetic Lower Extremity Ulcers and Hyperbaric Oxygen Therapy. *J Endocrinol Diab* 2(4): 1-5.
- [Almzaiel AJ, Billington R, Smerdon G, Moody AJ.](#) (2015) Hyperbaric oxygen enhances neutrophil apoptosis and their clearance by monocyte-derived macrophages. *Biochem Cell Biol*. 93(4):405-16

- [Eggleton, P, Bishop, AJ, Smerdon, GR.](#) (2015) Safety and efficacy of hyperbaric oxygen therapy in chronic wound management: current evidence. *Chronic Wound Care Management and Research* 2:81-93
- [Al Hadi H, Smerdon GR, Fox SW.](#) (2015) Hyperbaric oxygen therapy accelerates osteoblast differentiation and promotes bone formation. *J Dent.* 43(3):382-8
- [Al Hadi H, Smerdon G, W Fox S.](#) (2015) Osteoclastic resorptive capacity is suppressed in patients receiving hyperbaric oxygen therapy. *Acta Orthop.* 86(2):264-9.

2014

- [Bishop AJ, Mudge E.](#) (2014) Diabetic foot ulcers treated with hyperbaric oxygen therapy: a review of the literature. *Int Wound J.* Feb;11(1):28-34
- [Steele CL, Cridge C, Edgar JD.](#) (2014) A novel treatment in X-linked agammaglobulinaemia - hyperbaric oxygen therapy in refractory chronic wounds. *J Clin Immunol.* Oct;34(7):7847
- [Chan XH, Koh CE, Glover M, Bryson P, Travis SP, Mortensen NJ](#) (2014) Healing under pressure: hyperbaric oxygen and myocutaneous flap repair for extreme persistent perineal sinus after proctectomy for inflammatory bowel disease. *Colorectal Dis.* Mar;16(3):186-90

2013

- [Al Hadi H, Smerdon GR, Fox SW.](#) (2013) Hyperbaric oxygen therapy suppresses osteoclast formation and bone resorption. *J Orthop Res.* 31(11):1839-44
- [Kendall, A.C., Whatmore, J.L., Harries, L.W., Winyard, P.W., Smerdon, G.R. and . Eggleton, P.](#) (2013) Hyperbaric oxygen treatment reduces neutrophil-endothelial adhesion in chronic wound conditions through N-nitrosation. *Wound Repair Regen.* 21(6):860-8
- [Kendall, A.C., Whatmore, J.L., Harries, L.W., Winyard, P.W., Eggleton, P. and Smerdon, G.R.](#) (2013) Different oxygen treatment pressures alter inflammatory gene expression in human endothelial cells. *Undersea Hyper. Med.* 40(2): 115-123
- [Almzaiel AJ, Billington R, Smerdon G, Moody AJ.](#) (2013) Effects of hyperbaric oxygen treatment on antimicrobial function and apoptosis of differentiated HL-60 (neutrophil-like) cells. *Life Sci.* 30;93(2-3):125-31
- [Bishop, A.J.](#) (2013) Treating non-hypoxic wounds with hyperbaric oxygen therapy. *Wounds UK* (9)1:76-79
- [Pepper, J.R.E., Gaffney, C.C., Oliver, S.J., Cronin, A.J. and Bryson, P.J.](#) (2013) Investigation into the cancer and radiation history of a cohort of patients with osteoradionecrosis following dental extractions in irradiated areas. *J. Disability. Oral Health* 14 (2):53-60

2012

- [Ignatescu, M., Bryson, P. and Klingmann, C.](#) (2012) Susceptibility of the inner ear structure to shunt-related decompression sickness. *Aviat Space Environ Med* 83(12): 1145-51
- [Harding S, Courtney D, Hodder S, Bryson P.](#) (2012) Effects of Hyperbaric Oxygen Therapy on Quality of Life in Maxillofacial Patients With Type III Osteoradionecrosis. *J Oral Maxillofac Surg.* 70(12):2786-92
- [Bishop AJ, Mudge E.](#) (2012) A retrospective study of diabetic foot ulcers treated with hyperbaric oxygen therapy. *Int Wound J.* 9(6):665-76
- [Kendall, A.C., Whatmore, J.L., Harries, L.W., Winyard, P.G., Smerdon, G.R. and Eggleton, P.](#) (2012) Changes in inflammatory gene expression induced by hyperbaric oxygen treatment in human endothelial cells under chronic wound conditions. *Experimental Cell Research.* Exp Cell Res. 318(3):207-16
- [Bunni, J, Bryson, PJ, Higgs SM](#) (2012) Abdominal compartment syndrome caused by tension pneumoperitoneum in a scuba diver *Ann R Coll Surg Engl* 94: e237–e239
- [St Leger Dowse M, Cridge C, Shaw S and Smerdon G.](#) Alcohol and UK recreational divers: consumption and attitudes. *Diving and Hyperbaric Medicine.* 2012. 42(4):201-207.

2011

- Kendall, A., [Smerdon, G.](#), Harries, L.W., Winyard, P.G., Eggleton, P. and Whatmore, J. (2011) Hyperbaric oxygen therapy and chronic wound healing. In *Process, Phases and Promoting*. Ed J.E. Middleton. Nova Science Publishers, Inc. pp1-35.
- [St Leger Dowse, M., Cridge, C, Smerdon, G.](#) (2011) The use of drugs by UK recreational divers: prescribed and over-the-counter medications. *Diving and Hyperbaric Medicine* 41(1):16-21
- [St Leger Dowse, M., Shaw, S., Cridge, C, Smerdon, G.](#) (2011) The use of drugs by UK recreational divers: illicit drugs. *Diving and Hyperbaric Medicine* 41(1):9-15
- [Yuan, J., Handy, R.D., Moody, A.J., Smerdon, G., Bryson, P.](#) (2011) Limited DNA damage in human endothelial cells after hyperbaric oxygen treatment and protection from subsequent hydrogen peroxide exposure. *Biochimica et Biophysica Acta* 1810:526-531

2010

- [Gothard L, Haviland J, Bryson P, Laden G, Glover M, Harrison S, Woods M, Cook G, Peckitt C, Pearson A, Somaiah N, Stanton A, Mortimer P, Yarnold J.](#) (2010) Randomised phase II trial of hyperbaric oxygen therapy in patients with chronic arm lymphoedema after radiotherapy for cancer. *Radiother Oncol.* Oct; 97(1):101-7.
- [Williams, S.T.B](#) (2010) The role of hyperbaric oxygen therapy in trauma. *Trauma* 12:13-20

2009

- [Shaw, F.L., Winyard, P.G., Smerdon, G.R., Bryson, P.J., Moody, A.J., Eggleton, P.](#) (2009) Hyperbaric oxygen treatment induces platelet aggregation and protein release, without altering expression of activation molecules. *Clin Biochem.* 42(6):467-76.
- [Yuan, J., Handy, R.D., Moody, A.J., Bryson, P.](#) (2009) Response of blood vessels in vitro to hyperbaric oxygen (HBO): Modulation of VEGF and NO(x) release by external lactate or arginine. *Biochim Biophys Acta.* 1787(7):828-34.
- [Williams, S.T.B and Bryson, P.J.](#) (2009) Chronic regional pain syndrome after subtalar arthrodesis is not prevented by early hyperbaric oxygen. *Pain Physician* 12:335-339

2008

- [Bishop, A.](#) (2008) Role of oxygen in wound healing. *J Wound Care.* 17(9):399-402.
- [Harding, S.A., Hodder, S.C., Courtney, D.J. and Bryson, P.J.](#) (2008) The Impact of Peri Operative Hyperbaric Oxygen Therapy on the Quality of Life of Maxillofacial Patients who undergo surgery in irradiated fields. *International Journal of Oral & Maxillofacial Surgery.* 37:617-624

2007

- [Bishop, A.](#) (2007) Stress, social support and coping with a diabetic foot ulcer. *The Diabetic Foot Journal* 10(2):76-82
- [St Leger Dowse, M., Gunby, A., Moncad, R., Fife, C., & Bryson, P.](#) (2007) The combined oral contraceptive pill and the assumed 28-day cycle. *J Obstet. Gynaecol.* vol.27, no. 5, pp481-484
- [Williams, STB, Prior, FGR and Bryson, P.](#) (2007) Hematocrit change in tropical scuba divers. *Wilderness and Environmental Medicine* vol 18 no. 1 pp. 48-53

2006

- [St Leger Dowse, M., Lee, V., Shaw, S., Smerdon, G., Fife, C. and Bryson, P](#) (2006) A relationship between the menstrual cycle and decompression illness: is the evidence building? *Eur. J. Underwater. And Hyper. Med.* 7(4):84-86
- [Mills, C. & Bryson, P.](#) (2006) The role of hyperbaric oxygen therapy in the treatment of sternal wound infection. *Eur.J Cardiothorac.Surg.* vol. 30, no. 1, pp. 153-159.
- [St Leger Dowse, M., Gunby, A., Moncad, R., Fife, C., & Bryson, P.](#) (2006) Scuba diving and pregnancy: can we determine safe limits? *J Obstet. Gynaecol.* vol. 26, no. 6, pp. 509-513.
- [St Leger Dowse, M., Gunby, A., Moncad, R., Fife, C., Morsman, J., & Bryson, P.](#) (2006) Problems associated with scuba diving are not evenly distributed across a menstrual cycle. *J Obstet. Gynaecol.* vol. 26, no. 3, pp. 216-221.

2005

- [Handy, R.D., Bryson, P., Moody, A.J., Handy, L.M. & Sneyd, J.R.](#) (2005) Oxidative metabolism in platelets, platelet aggregation, and hematology in patients undergoing multiple hyperbaric oxygen exposures. *Undersea Hyperb. Med.* vol. 32, no 5, pp.327-340.
- [Edge, C. J., St Leger Dowse, M., & Bryson, P.](#) (2005) Scuba diving with diabetes mellitus - the UK experience 1991-2001 *Undersea Hyperb. Med.*, vol. 32, no. 1, pp. 27-37.
- [Prior FGR, Gourlay T, Taylor KM, Bryson P, Hope SA, and Stroev P](#) (2005) Filtration, pulse and permeability. An update on PulseReverse Osmosis. *Filtration vol 1, no 2, pp113-128*
- [Glanvill, P., St Leger Dowse, M., & Bryson, P.](#) (2005) A longitudinal cohort study of UK divers with asthma: diving habits and asthma health issues. *South Pacific Underwater Medicine Society (SPUMS J)*, vol. 35, no. 1, pp. 18-22.
- [Shaw, F. L., Handy, R. D., Bryson, P., Sneyd, J. R., & Moody, A. J.](#) (2005) A single exposure to hyperbaric oxygen does not cause oxidative stress in isolated platelets: No effect on superoxide dismutase, catalase, or cellular ATP. *Clin. Biochem.*, vol. 38, no. 8, pp. 722-726.
- [St Leger Dowse, M., Barnes, R., Smerdon, G. R., & Bryson, P.](#) (2005) Time to fly after hyperbaric treatment for decompression illness: current recommendations. *SPUMS* 35[2], 67-70.

2004

- [Hyams, A. F., Toynton, S. C., Jaramillo, M., Stone, L. R., & Bryson, P. J.](#) (2004) Facial baroparesis secondary to middle-ear over-pressure: a rare complication of scuba diving. *J. Laryngol. Otol.* vol. 118, no. 9, pp. 721-723.
- [Harding, S., Bryson, P. & Perfect, T.](#) (2004) *Investigating the relationship between simulated depth, cognitive function and*

metacognitive awareness. HSE Books. ISBN 0 7176 2884 1

- [St Leger Dowse, M., Gunby, A., Moncad, R., Fife, C., & Bryson, P.](#) (2004) A prospective study of reverse dive profiles in UK female recreational divers. *South Pacific Underwater Medicine Society (SPUMS J)* vol. 34, no. 4, pp. 183-188.

2003

- [Lee, V., St Leger Dowse, M., Edge, C., Gunby, A., & Bryson, P.](#) (2003) Decompression sickness in women: a possible relationship with the menstrual cycle. *Aviat.Space Environ.Med.* vol. 74, no. 11, pp. 1177-1182.

2002

- Edge, C., [Bryson, P.](#), Edmonds, C., Lowry, C., & Walker, R. (2002) Insulin dependent diabetes mellitus. Edmonds, C., Lowry, C., Pennefather, J. and Walker, R. (Eds) In *Diving and Subaquatic Medicine 4th Edition*, pp. 581-597. ISBN 0 340 80630 3
- [St Leger Dowse, M., Bryson, P., Gunby, A., & Fife, W.](#) (2002) Comparative data from 2250 male and female sports divers: diving patterns and decompression sickness. *Aviat. Space Environ. Med.* vol. 73, no. 8, pp. 743-749.

2001

- [Cosgrove, H. & Bryson, P.](#) (2001) Hyperbaric medicine in soft tissue trauma. *Trauma*, vol. 3, pp. 133-141.
- [Wilmshurst, P. T., Pearson, M. J., Walsh, K. P., Morrison, W. L., & Bryson, P.](#) (2001) Relationship between right-to-left shunts and cutaneous decompression illness. *Clin.Sci.(Lond)*, vol. 100, no. 5, pp. 539-542.

2000

- [Wilmshurst, P. & Bryson, P.](#) (2000) Relationship between the clinical features of neurological decompression illness and its causes. *Clin.Sci.(Lond)*, vol. 99, no. 1, pp. 65-75.

1998

- [Hunter, J. D., Roobottom, C. A., Bryson, P. J., & Brown, C.](#) (1998) Conservative management of gastric rupture following scuba diving. *J.Accid.Emerg.Med.*, vol. 15, no. 2, pp. 116-117.

1997

- [Edge, C. J., Grieve, A. P., Gibbons, N., O'Sullivan, F., & Bryson, P.](#) (1997) Control of blood glucose in a group of diabetic scuba divers. *Undersea Hyperb.Med.*, vol. 24, no. 3, pp. 201-207.

1996

- Blanshard, J., Toma, A., [Bryson, P.](#), & Williamson, P. (1996) Middle ear barotrauma in patients undergoing hyperbaric oxygen therapy. *Clin.Otolaryngol.*, vol. 21, no. 5, pp. 400-403.
- [Edge, C. J., Grieve, A. P., Gibbins, N., O'Sullivan, F., & Bryson, P.](#) (1996) Effects of pressure on whole blood glucose measurements using the Bayer Glucometer 4 blood glucose meter. *Undersea Hyperb.Med.*, vol. 23, no. 4, pp. 221-224.
- [Mason, M. J., Bryson, P., Cross, M., Todd, M., & Paul, V.](#) (1996) Insertion of a permanent pacemaker in a professional diver. *Eur.J.C.P.E.*, vol. 6, pp. 173-175.

1995

- Morgan, M. S., Lytle, J., & [Bryson, P. J.](#) (1995) The place of hyperbaric oxygen in the treatment of gas gangrene. *Br.J.Hosp.Med.*, vol. 53, no. 9, pp. 424-426.

1994

- [Bryson, P., Edge, C., Lindsay, D., & Wilmshurst, P.](#) (1994) The Case for Diving Diabetics. *SPUMS J* 24[1], 11-13.
- Roobottom, C. A., Hunter, J. D., & [Bryson, P. J.](#) (1994) The diagnosis of fatal gas embolism: detection by plain film radiography. *Clin.Radiol.*, vol. 49, no. 11, pp. 805-807.

1991

[Cresswell, J.E., St Leger-Dowse, M.](#) (1991) Women and Scuba Diving. *BMJ* Vol 302 (1991) pp1590 - 1591

