

References

Z-3

1. Undersea and Hyperbaric Medical Society. Hyperbaric Oxygen Therapy Indications, 15th Edition. Best Publishing Company (North Palm Beach, FL). 2023.
2. Gornik HL, Aronow HD, Goodney PP, et al. 2024 ACC/AHA/AACVPR/APMA/ABC/SCAI/SVM/SVN/SVS/SIR/VESS Guideline for the Management of Lower Extremity Peripheral Artery Disease: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. *Circulation*. Jun 11 2024; 149(24): e1313-e1410. PMID 38743805
3. United States Navy Dive Manual, Revision 7. 2016
4. Sadri RA, Cooper JS. Hyperbaric, complications. NCBI Bookshelf 2017; <https://www.ncbi.nlm.nih.gov/books/NBK459191/>. Accessed July 7, 2024.
5. U.S. Food and Drug Administration. Hyperbaric Oxygen Therapy: Don't Be Misled. 2013; <https://www.talkingaboutthescience.com/studies/FDA2013.pdf>. Accessed July 10, 2024.
6. de Smet GHJ, Kroese LF, Menon AG, et al. Oxygen therapies and their effects on wound healing. *Wound Repair Regen*. Aug 2017; 25(4): 591-608. PMID 28783878
7. Sharma R, Sharma SK, Mudgal SK, et al. Efficacy of hyperbaric oxygen therapy for diabetic foot ulcer, a systematic review and meta-analysis of controlled clinical trials. *Sci Rep*. Jan 26 2021; 11(1): 2189. PMID 33500533
8. Kranke P, Bennett MH, Martyn-St James M, et al. Hyperbaric oxygen therapy for chronic wounds. *Cochrane Database Syst Rev*. Jun 24 2015; 2015(6): CD004123. PMID 26106870
9. Elraiayah T, Tsapas A, Prutsky G, et al. A systematic review and meta-analysis of adjunctive therapies in diabetic foot ulcers. *J Vasc Surg*. Feb 2016; 63(2 Suppl): 46S-58S.e1-2. PMID 26804368
10. Buckley NA, Juurlink DN, Isbister G, et al. Hyperbaric oxygen for carbon monoxide poisoning. *Cochrane Database Syst Rev*. Apr 13 2011; 2011(4): CD002041. PMID 21491385
11. Nakajima M, Aso S, Matsui H, et al. Hyperbaric oxygen therapy and mortality from carbon monoxide poisoning: A nationwide observational study. *Am J Emerg Med*. Feb 2020; 38(2): 225-230. PMID 30797609
12. Bennett MH, Feldmeier J, Hampson NB, et al. Hyperbaric oxygen therapy for late radiation tissue injury. *Cochrane Database Syst Rev*. Apr 28 2016; 4(4): CD005005. PMID 27123955

13. Borab Z, Mirmanesh MD, Gantz M, et al. Systematic review of hyperbaric oxygen therapy for the treatment of radiation-induced skin necrosis. *J Plast Reconstr Aesthet Surg.* Apr 2017; 70(4): 529-538. PMID 28081957
14. Ravi P, Vaishnavi D, Gnanam A, et al. The role of hyperbaric oxygen therapy in the prevention and management of radiation-induced complications of the head and neck - a systematic review of literature. *J Stomatol Oral Maxillofac Surg.* Dec 2017; 118(6): 359-362. PMID 28838774
15. Savvidou OD, Kaspiris A, Bolia IK, et al. Effectiveness of Hyperbaric Oxygen Therapy for the Management of Chronic Osteomyelitis: A Systematic Review of the Literature. *Orthopedics.* Jul 01 2018; 41(4): 193-199. PMID 30035798
16. Maynor ML, Moon RE, Camporesi EM, et al. Chronic osteomyelitis of the tibia: treatment with hyperbaric oxygen and autogenous microsurgical muscle transplantation. *J South Orthop Assoc.* 1998; 7(1): 43-57. PMID 9570731
17. Davis JC, Heckman JD, DeLee JC, et al. Chronic non-hematogenous osteomyelitis treated with adjuvant hyperbaric oxygen. *J Bone Joint Surg Am.* Oct 1986; 68(8): 1210-7. PMID 3771602
18. Chen CE, Ko JY, Fu TH, et al. Results of chronic osteomyelitis of the femur treated with hyperbaric oxygen: a preliminary report. *Chang Gung Med J.* Feb 2004; 27(2): 91-7. PMID 15095953
19. Chen CE, Shih ST, Fu TH, et al. Hyperbaric oxygen therapy in the treatment of chronic refractory osteomyelitis: a preliminary report. *Chang Gung Med J.* Feb 2003; 26(2): 114-21. PMID 12718388
20. Chen CY, Lee SS, Chan YS, et al. Chronic refractory tibia osteomyelitis treated with adjuvant hyperbaric oxygen: a preliminary report. *Changgeng Yi Xue Za Zhi.* Jun 1998; 21(2): 165-71. PMID 9729650
21. Villanueva E, Bennett MH, Wasiak J, et al. Hyperbaric oxygen therapy for thermal burns. *Cochrane Database Syst Rev.* 2004; 2004(3): CD004727. PMID 15266540
22. Eskes A, Vermeulen H, Lucas C, et al. Hyperbaric oxygen therapy for treating acute surgical and traumatic wounds. *Cochrane Database Syst Rev.* Dec 16 2013; (12): CD008059. PMID 24343585
23. Dauwe PB, Pulikkottil BJ, Lavery L, et al. Does hyperbaric oxygen therapy work in facilitating acute wound healing: a systematic review. *Plast Reconstr Surg.* Feb 2014; 133(2): 208e-215e. PMID 24469192
24. Zhou YY, Liu W, Yang YJ, et al. Use of hyperbaric oxygen on flaps and grafts in China: analysis of studies in the past 20 years. *Undersea Hyperb Med.* 2014; 41(3): 209-16. PMID 24984315
25. Freiberger JJ, Padilla-Burgos R, McGraw T, et al. What is the role of hyperbaric oxygen in the management of bisphosphonate-related osteonecrosis of the jaw: a randomized controlled trial of hyperbaric oxygen as an adjunct to

- surgery and antibiotics. *J Oral Maxillofac Surg.* Jul 2012; 70(7): 1573-83. PMID 22698292
26. Levett D, Bennett MH, Millar I. Adjunctive hyperbaric oxygen for necrotizing fasciitis. *Cochrane Database Syst Rev.* Jan 15 2015; 1(1): CD007937. PMID 25879088
27. Hedetoft M, Bennett MH, Hyldegaard O. Adjunctive hyperbaric oxygen treatment for necrotising soft-tissue infections: A systematic review and meta-analysis. *Diving Hyperb Med.* Mar 31 2021; 51(1): 34-43. PMID 33761539
28. Bennett MH, Lehm JP, Jepson N. Hyperbaric oxygen therapy for acute coronary syndrome. *Cochrane Database Syst Rev.* Jul 23 2015; 2015(7): CD004818. PMID 26202854
29. Bennett MH, Weibel S, Wasiak J, et al. Hyperbaric oxygen therapy for acute ischaemic stroke. *Cochrane Database Syst Rev.* Nov 12 2014; 2014(11): CD004954. PMID 25387992
30. Efrati S, Fishlev G, Bechor Y, et al. Hyperbaric oxygen induces late neuroplasticity in post stroke patients--randomized, prospective trial. *PLoS One.* 2013; 8(1): e53716. PMID 23335971
31. Holland NJ, Bernstein JM, Hamilton JW. Hyperbaric oxygen therapy for Bell's palsy. *Cochrane Database Syst Rev.* Feb 15 2012; 2012(2): CD007288. PMID 22336830
32. Wang F, Wang Y, Sun T, et al. Hyperbaric oxygen therapy for the treatment of traumatic brain injury: a meta-analysis. *Neurol Sci.* May 2016; 37(5): 693-701. PMID 26746238
33. Crawford C, Teo L, Yang E, et al. Is Hyperbaric Oxygen Therapy Effective for Traumatic Brain Injury? A Rapid Evidence Assessment of the Literature and Recommendations for the Field. *J Head Trauma Rehabil.* 2017; 32(3): E27-E37. PMID 27603765
34. Bennett MH, Trytko B, Jonker B. Hyperbaric oxygen therapy for the adjunctive treatment of traumatic brain injury. *Cochrane Database Syst Rev.* Dec 12 2012; 12: CD004609. PMID 23235612
35. Hart BB, Weaver LK, Gupta A, et al. Hyperbaric oxygen for mTBI-associated PCS and PTSD: Pooled analysis of results from Department of Defense and other published studies. *Undersea Hyperb Med.* BIMA 2019; 46(3): 353-383. PMID 31394604
36. mTBI mechanisms of action of HBO₂ for persistent post-concussive symptoms. U.S. National Library of Medicine. ClinicalTrials.gov. <https://clinicaltrials.gov/ct2/show/NCT01611194>. Accessed July 3, 2024.
37. Hart BB, Wilson SH, Churchill S, et al. Extended follow-up in a randomized trial of hyperbaric oxygen for persistent post-concussive symptoms. *Undersea Hyperb Med.* BIMA 2019; 46(3): 313-327. PMID 31394601

38. Churchill S, Deru K, Weaver LK, et al. Adverse events and blinding in two randomized trials of hyperbaric oxygen for persistent post-concussive symptoms. *Undersea Hyperb Med.* BIMA 2019; 46(3): 331-340. PMID 31394602
39. Weaver LK, Churchill S, Wilson SH, et al. A composite outcome for mild traumatic brain injury in trials of hyperbaric oxygen. *Undersea Hyperb Med.* BIMA 2019; 46(3): 341-352. PMID 31394603
40. Hyperbaric oxygen therapy (HBO₂) for persistent post-concussive symptoms after mild traumatic brain injury (mTBI) (HOPPS). U.S. National Library of Medicine. ClinicalTrials.gov. <https://clinicaltrials.gov/ct2/show/NCT01306968>. Updated September 5, 2014. Accessed July 5, 2024.
41. McCurdy J, Siw KCK, Kandel R, et al. The Effectiveness and Safety of Hyperbaric Oxygen Therapy in Various Phenotypes of Inflammatory Bowel Disease: Systematic Review With Meta-analysis. *Inflamm Bowel Dis.* Mar 30 2022; 28(4): 611-621. PMID 34003289
42. Dulai PS, Buckey JC, Raffals LE, et al. Hyperbaric oxygen therapy is well tolerated and effective for ulcerative colitis patients hospitalized for moderate-severe flares: a phase 2A pilot multi-center, randomized, double-blind, sham-controlled trial. *Am J Gastroenterol.* Oct 2018; 113(10): 1516-1523. PMID 29453383
43. Dulai PS, Raffals LE, Hudesman D, et al. A phase 2B randomised trial of hyperbaric oxygen therapy for ulcerative colitis patients hospitalised for moderate to severe flares. *Aliment Pharmacol Ther.* Sep 2020; 52(6): 955-963. PMID 32745306
44. Pagoldh M, Hultgren E, Arnell P, et al. Hyperbaric oxygen therapy does not improve the effects of standardized treatment in a severe attack of ulcerative colitis: a prospective randomized study. *Scand J Gastroenterol.* Sep 2013; 48(9): 1033-40. PMID 23879825
45. Bennett MH, Kertesz T, Perleth M, et al. Hyperbaric oxygen for idiopathic sudden sensorineural hearing loss and tinnitus. *Cochrane Database Syst Rev.* Oct 17 2012; 10: CD004739. PMID 23076907
46. Rhee TM, Hwang D, Lee JS, et al. Addition of Hyperbaric Oxygen Therapy vs Medical Therapy Alone for Idiopathic Sudden Sensorineural Hearing Loss: A Systematic Review and Meta-analysis. *JAMA Otolaryngol Head Neck Surg.* Dec 01 2018; 144(12): 1153-1161. PMID 30267033
47. Joshua TG, Ayub A, Wijesinghe P, et al. Hyperbaric Oxygen Therapy for Patients With Sudden Sensorineural Hearing Loss: A Systematic Review and Meta-analysis. *JAMA Otolaryngol Head Neck Surg.* Jan 01 2022; 148(1): 5-11. PMID 34709348

48. Eryigit B, Ziyylan F, Yaz F, et al. The effectiveness of hyperbaric oxygen in patients with idiopathic sudden sensorineural hearing loss: a systematic review. *Eur Arch Otorhinolaryngol*. Dec 2018; 275(12): 2893-2904. PMID 30324404
49. Cavaliere M, De Luca P, Scarpa A, et al. Combination of Hyperbaric Oxygen Therapy and Oral Steroids for the Treatment of Sudden Sensorineural Hearing Loss: Early or Late?. *Medicina (Kaunas)*. Oct 10 2022; 58(10). PMID 36295581
50. Bennett M, Best TM, Babul S, et al. Hyperbaric oxygen therapy for delayed onset muscle soreness and closed soft tissue injury. *Cochrane Database Syst Rev*. Oct 19 2005; 2005(4): CD004713. PMID 16235376
51. Xiong T, Chen H, Luo R, et al. Hyperbaric oxygen therapy for people with autism spectrum disorder (ASD). *Cochrane Database Syst Rev*. Oct 13 2016; 10(10): CD010922. PMID 27737490
52. Sampanthavivat M, Singkhwa W, Chaiyakul T, et al. Hyperbaric oxygen in the treatment of childhood autism: a randomised controlled trial. *Diving Hyperb Med*. Sep 2012; 42(3): 128-33. PMID 22987458
53. Rizzato A, D'Alessandro N, Berenici E, et al. Effect of mild hyperbaric oxygen therapy on children diagnosed with autism. *Undersea Hyperb Med*. 2018; 45(6): 639-645. PMID 31158930
54. Lacey DJ, Stolfi A, Pilati LE. Effects of hyperbaric oxygen on motor function in children with cerebral palsy. *Ann Neurol*. Nov 2012; 72(5): 695-703. PMID 23071074
55. Collet JP, Vanasse M, Marois P, et al. Hyperbaric oxygen for children with cerebral palsy: a randomised multicentre trial. HBO-CP Research Group. *Lancet*. Feb 24 2001; 357(9256): 582-6. PMID 11558483
56. Long Y, Tan J, Nie Y, et al. Hyperbaric oxygen therapy is safe and effective for the treatment of sleep disorders in children with cerebral palsy. *Neurol Res*. Mar 2017; 39(3): 239-247. PMID 28079475
57. Xiao Y, Wang J, Jiang S, et al. Hyperbaric oxygen therapy for vascular dementia. *Cochrane Database Syst Rev*. Jul 11 2012; (7): CD009425. PMID 22786527
58. Villeirs L, Tailly T, Ost P, et al. Hyperbaric oxygen therapy for radiation cystitis after pelvic radiotherapy: Systematic review of the recent literature. *Int J Urol*. Feb 2020; 27(2): 98-107. PMID 31617263
59. Gothard L, Haviland J, Bryson P, et al. Randomised phase II trial of hyperbaric oxygen therapy in patients with chronic arm lymphoedema after radiotherapy for cancer. *Radiother Oncol*. Oct 2010; 97(1): 101-7. PMID 20605648
60. Oscarsson N, Müller B, Rosén A, et al. Radiation-induced cystitis treated with hyperbaric oxygen therapy (RICH-ART): a randomised, controlled, phase 2-3 trial. *Lancet Oncol*. Nov 2019; 20(11): 1602-1614. PMID 31537473

61. Camporesi EM, Vezzani G, Bosco G, et al. Hyperbaric oxygen therapy in femoral head necrosis. *J Arthroplasty*. Sep 2010; 25(6 Suppl): 118-23. PMID 20637561
62. Bennett MH, French C, Schnabel A, et al. Normobaric and hyperbaric oxygen therapy for the treatment and prevention of migraine and cluster headache. *Cochrane Database Syst Rev*. Dec 28 2015; 2015(12): CD005219. PMID 26709672
63. Peng Z, Wang S, Huang X, et al. Effect of hyperbaric oxygen therapy on patients with herpes zoster. *Undersea Hyperb Med*. 2012; 39(6): 1083-7. PMID 23342765
64. Efrati S, Golan H, Bechor Y, et al. Hyperbaric oxygen therapy can diminish fibromyalgia syndrome--prospective clinical trial. *PLoS One*. 2015; 10(5): e0127012. PMID 26010952
65. Yildiz S, Kiralp MZ, Akin A, et al. A new treatment modality for fibromyalgia syndrome: hyperbaric oxygen therapy. *J Int Med Res*. 2004; 32(3): 263-7. PMID 15174219
66. Bennett M, Heard R. Hyperbaric oxygen therapy for multiple sclerosis. *CNS Neurosci Ther*. Apr 2010; 16(2): 115-24. PMID 20415839
67. Bennett M, Feldmeier J, Smee R, et al. Hyperbaric oxygenation for tumour sensitisation to radiotherapy. *Cochrane Database Syst Rev*. Oct 19 2005; (4): CD005007. PMID 16235387
68. Bennett MH, Feldmeier J, Smee R, et al. Hyperbaric oxygenation for tumour sensitisation to radiotherapy. *Cochrane Database Syst Rev*. Apr 18 2012; 2012(4): CD005007. PMID 22513926
69. Heys SD, Smith IC, Ross JA, et al. A pilot study with long term follow up of hyperbaric oxygen pretreatment in patients with locally advanced breast cancer undergoing neo-adjuvant chemotherapy. *Undersea Hyperb Med*. 2006; 33(1): 33-43. PMID 16602255
70. Chandrasekhar SS, Tsai Do BS, Schwartz SR, et al. Clinical Practice Guideline: Sudden Hearing Loss (Update). *Otolaryngol Head Neck Surg*. Aug 2019; 161(1_suppl): S1-S45. PMID 31369359
71. Powers WJ, Rabinstein AA, Ackerson T, et al. Guidelines for the Early Management of Patients With Acute Ischemic Stroke: 2019 Update to the 2018 Guidelines for the Early Management of Acute Ischemic Stroke: A Guideline for Healthcare Professionals From the American Heart Association/American Stroke Association. *Stroke*. Dec 2019; 50(12): e344-e418. PMID 31662037
72. Hingorani A, LaMuraglia GM, Henke P, et al. The management of diabetic foot: A clinical practice guideline by the Society for Vascular Surgery in collaboration with the American Podiatric Medical Association and the Society for Vascular Medicine. *J Vasc Surg*. Feb 2016; 63(2 Suppl): 3S-21S. PMID 26804367

73. Huang ET, Mansouri J, Murad MH, et al. A clinical practice guideline for the use of hyperbaric oxygen therapy in the treatment of diabetic foot ulcers. Undersea Hyperb Med. 2015; 42(3): 205-47. PMID 26152105
74. Centers for Medicare and Medicaid Services (CMS). National Coverage Determination (NCD) for Hyperbaric Oxygen Therapy (20.29). 2017; <https://www.cms.gov/medicare-coverage-database/details/ncd-details.aspx?ncdid=12&ver=3>. Accessed July 10, 2024.