



Textbook of Hyperbaric Medicine 5th revised and updated edition

K. K. JAIN. 578 pp. Price: US\$ 199 Publisher: Hogrefe & Huber Publishers Date of Publication: 2009. Place of Publication: Germany ISBN: 978-0-88937-361-7.

Hyperbaric medicine, also known as hyperbaric oxygen therapy (HBOT) is the medical use of oxygen at a level higher than the atmospheric pressure. This treatment can be traced back to the 1600's. This 578 page textbook has 46 chapters divided into 3 parts: part I, which has 9 chapters, discusses the basic aspects, starting with the history, physical, physiological and biochemical aspects, and then going through diving exercises, and ending with the equipment, technique, and safety of the hyperbaric chamber. Part II has 34 chapters on clinical applications. In this part of the book, the author has shown how hyperbaric oxygen has been combined with the new advances in drug treatment and surgical procedures, as well as with complementary medicine techniques, such as acupuncture, as a multimodality

treatment in some complex disorders. Four particular areas have been further elaborated in this new edition: the increasing uses of hyperbaric oxygen for neurological disorders, application to ophthalmology patients, organ transplantation, and treatment of chronic Lyme's disease. Part III has 3 chapters that discuss this specialty training, practice and research, and the practice of hyperbaric medicine in the USA, Japan, and the rest of the world.

I think this new edition of the standard text of hyperbaric medicine, offers a comprehensive coverage of the principle, basic science, and practice of hyperbaric medicine. It is an excellent and well-researched text on hyperbaric medicine, and I consider it one of the best books written in this area. This book is recommended for health professionals in military medicine, anesthesia, critical care, neuroscience, and most surgical specialties such as plastics, orthopedics, transplantation, and rehabilitation.

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