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Brown-Séquard Syndrome: A rare manifestation of decompression sickness

Hui-Chieh Lee

Kaohsiung Armed Forces General Hospital, Taiwan

Neurological decompression sickness (DCS) is a rare condition that commonly leads to spinal cord injury. We report the case of a 30-year-old man who developed left-sided weakness and numbness after diving to a maximum depth of 15 m with a total dive time of 205 min (10 repetitive dives). To the best of our knowledge, only six cases diagnosed as Brown-Séquard syndrome caused by DCS have been reported in the literature. Divers should be aware of the risk factors of DCS before diving and clinicians should make the diagnosis of spinal cord DCS based primarily on clinical symptoms, not on magnetic resonance imaging findings.

Biography

Hui-Chieh Lee completed his MD from the National Defense Medical University in 1978 and Undersea Medical Officer Training in Groton USA, in 1979. He had served as the Chief, Dept. of Diving Medicine, Zuoying Naval General Hospital, Taiwan for 10 years and became the President of Hyperbaric and Undersea Medical Association, R.O.C. from 2008 to 2012. Currently, he is the Executive Director of Asian-Pacific Undersea and Hyperbaric Medical Society. He has published 30 papers in the Chinese and International Journal.

a100404205@yahoo.com.tw

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