



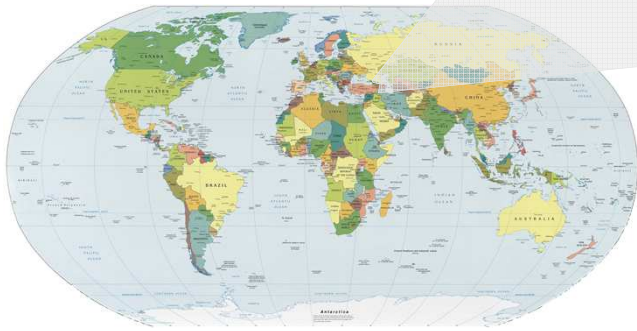
ARE ANTITHROMBOTIC AGENTS PROVOCATIVE FOR DECOMPRESSION SICKNESS?; A CASE REPORT

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BACKGROUND

Usually the medical conditions for which the drugs are used are evaluated for fitness to dive, for the divers who are under a treatment. Divers who had stent implanted in their coronary artery for a blockage may return to diving if they have normal exercise stress test. These divers are required to take blood thinners. Here we report a decompression sickness case (DCS), who was under the klopidoqrel treatment at the time of incident.



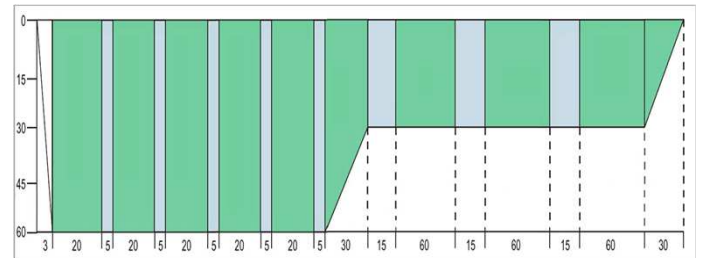
Localisations of hyperbaric centers in Turkey

DISCUSSION

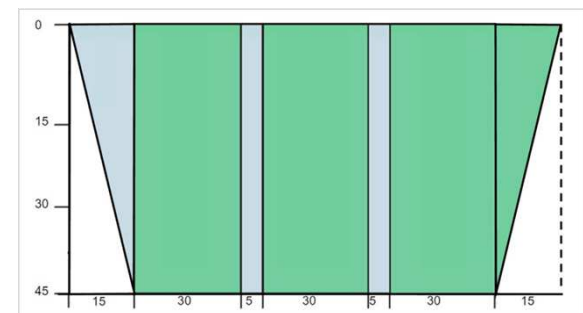
In this case DCS occurred after a no decompression dive. The diver didn't have any dysbaric problem after the dives with similar profiles previously. The use of antithrombotic agent probably was provocative for DCS. Restrictions might be considered for the divers who need such medications.

CASE

A 56 years old male, recreational diver contacted to our department over the phone, since he felt numbness, pins and needles along the lower extremities, after a no decompression dive to the maximum depth of 28,5 meters. He was advised to be transferred immediately to the nearest recompression facility by breathing 100 % Oxygen together with rehydration therapy. He delayed to arrive to recompression facility and had to have urinary catheter, since he had urinary retention on the way. He underwent recompression treatment on US Navy TT6 with extensions, about ten hours after the onset of the symptoms. He transferred to our department after six additional hyperbaric oxygen treatment (HBOT) sessions in next three days. There was still neurological symptoms and finding when he was admitted. He was discharged with some mild residues after 21 sessions of HBOT at our department and exercises for rehabilitation were prescribed. He was an experienced diver and performed hundreds of dives with similar profiles before. He had history of coronary stent installation 2 years before and was having klopidoqrel for antithrombotic treatment.



Profile of initial recompression treatment; US Navy TT-6 with extensions



Profile of additional HBOT sessions performed after the initial treatment