Reviewer's report

Title: Can Hyperbaric Oxygen be Used to Prevent Deep Infections in Neuro-muscular Scoliosis Surgery?

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Reviewer: Kiyotaka Kohshi

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Prophylactic HBO2 has been applied for mandibular necrosis of extraction in patients with radiotherapy, and the patients were received 20 and 10 HBO2 pre- and post-extraction (Marx RE. J Am Dent Assoc 1985). In addition, Larsson treated post-operative infection of spinal surgery with HBO2, and their average HBO2 session was 30 (Neurosurgery 2008 suppl).

If the authors use 30 HBO2 sessions for prophylactic infection after surgery, they had better present the reason why 30 HBO2 sessions were decided as prophylactic HBO2 treatment for spinal surgery. Because HBO2 physicians feel confused after hearing 30 HBO2 sessions for protection of post-surgical infection. HBO2 costs are not problems.