

Hyper Baric Oxygen (HBO) as treatment for Osteo Radio Necrosis

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ABSTRACT

One of the malignant side effects of radiation in treatment of maxillofacial malignancies is osteoradionecrosis.

Dr. Marx studies shows

0.5 to 9 percent of these treatments result in ORN and the ethiology of this side effect was avascular, aseptic necrosis. In the US nearly one half of patients receiving HBO are being treated Radiation injury.

HBO by enhanced vascularity and cellularity and mobilize stem cells at the site of radiation , treat ORN.

In my practice, 12 patients with ORN in mandibule receive 40 sessions of HBO in 2.4 ATA, 90 minutes daily and all of them has been treated.