Radiation and HBOT Directory

Hyperbaric oxygen therapy in a case of post-total body irradiation colitis

Case report

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Abstract

We report a 21-year-old man who experienced symptoms of colitis following autologous TBI-conditioned PBSC transplantation, which persisted despite conventional treatment. Abdominal echography showed a thickened, stratified wall of the cecum, of the right colon and of part of the transverse colon. Hyperbaric oxygen therapy (20 sessions of 100% oxygen inhalation at 2.5 bar for 120 min in a hyperbaric chamber) achieved a prompt clinical recovery as well as complete disappearance of the ultrasound abnormalities.

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