

# ***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.