

OZ-PO-046: LOCAL OZONETHERAPY FOR DELAYED SCARING IN CANCER PATIENTS.

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Hyperbaric chambers and local ozonotherapy (O3T) are procedures to treat ischemic wounds and delayed scaring in not cancer patients. Wounds in irradiated areas heal slowly and, sometimes, surgical wounds can delay the beginning of the chemotherapy and or radiotherapy. We show our experience treating these wounds with O3T. From 1990 to 1999 our hospitals have treated 28 patients with delayed scaring, 12 in previously irradiated areas. Surgery has been carried out without success in 7 occasions. Male: Female 10 : 18. Age: 55 ± 14 (21 - 94). Scars were 56 ± 48 (12 - 182) days old. Areas were 43 ± 79 (0.6 - 293) cm². Fourteen scars were in breast cancer patients. The O3/O2 gas mixture was generated from medical oxygen at concentration of 20 - 70 m g/mL.. O3T was carried out by local techniques (bags, catheters), 23 - 30 minutes 1 - 3 times/week. During O3T, two wounds received radiotherapy and 7 chemotherapy. Data are showed as: Mean \pm standard deviation (minimum-maximum). Scars were healed in 27 ± 11 (4 - 150) days, with 7 ± 3 (2 - 22) O3T sessions. In eleven patients programmed surgery was avoided. Local ozonotherapy is an useful treatment: to: A) accelerate healing wounds in previously irradiated areas B) avoid delays to start chemotherapy and/or radiotherapy in patients with delayed scaring after oncologic surgery.