



Intraperitoneal Insufflation of Ozone / Oxygen as a primary anticancer therapy



Medozon® Generator (Hermann GmbH, Germany)

The Medozon[®] Generator produces ozone / oxygen mixtures for medical applications. Intraperitoneal application: The abdominal wall is penetrated by a Varess insufflation cannula. The cannula tip is placed in the abdominal cavity between the parietal and visceral peritoneum.

For the first time, an ozone / oxygen mixture is used not only adjuvantly to chemotherapy or irradiation, but as a **primary therapy**.

The gas mixture is **insufflated intra-peritoneally** in contrast to i.m. and i.v. injections applied so far.

	Group 1*	Group 2	Group 3
treatment	O ₃ /O ₂	pure O ₂	sham-treated
animals treated (total)	14	13	14
surviving animals (total)	7	3	1
survival with complete tumour regression	6	2	1

* Group 1: The cured animals developed tolerance against reimplantation of the tumour. This tolerance can be overcome by immune suppression (cyclosporine A / dexamethasone)



Intraperitoneal ozone / oxygen insufflation: New Zealand White rabbits were inoculated with VX2 carcinoma HNSCC (head and neck squamous cell carcinoma)

A dog suffering from a malignant melanoma was successfully treated by intraperitoneal ozone / oxygen insufflation.

