Use of ozone in the treatment of intra-abdominal abscess in patient with LAD

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According to the chosen therapeutic concentration ozone can produce its immune-modulating, anti-inflammatory, antibacterial, viral, fungal and other effects. Our patient is a 4.5 month old infant suffering from immunodeficiency disease LAD (leukocyte adhesion deficiency) that has been hospitalized for about two months before for FTT and severe infections. At the last time, the patient was admitted due to the intra-abdominal abscess (size 55 * 35 mm) with fistula to the umbilical. Due to lack of medical response he was Candidate for bone marrow transplantation. Unchanged in previous antibiotics (linezolid & levofloxacin) according to consultation with pediatric infectious specialist. The ozone was given PO to the patient twice in day from the first time of hospitalization. A report of wrinkled abscess size in ultrasound (US) was received on day 14 of hospitalization. WBC count was zero on the 19th Admission day and during this time, an uncontrollable high fever did not occur. Compared to the previous abscess size was not only exacerbated but also abdominal US was observed smaller size. Abscess and fistula were not detected in US on the 30th day after BMT. Ozone therapy is a form of alternative medicine treatment, used to disinfect and treat disease. Some conditions may benefit from treatment with Ozone Therapy include: Cancer, Meniscal tears and joint disorders, Shingles (Herpes zoster) and Herpes Simplex, Diabetic ulcers and venous stasis.

We recommend this method in cases resistant to medical and surgical therapy.

Keywords:
Ozone, Ozone Therapy, LAD, Immunosuppressive