

SECURITY MEASURES WITH OZONE

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Nota Bene: The protocols are working guidelines that AEPROMO puts at the disposition of all its members, expecting that they will be references in the daily medical work whenever ozone therapy is used on patients.

It shall correspond to the health professional (physician, dentist, veterinarian, podiatrist in the areas for which their profession and current legislation allows it) to whom compete, with their studies, knowledge and experience to assume professionally how to apply ozone therapy to their patients. Although these protocols are referents and guidelines for its members AEPROMO invites them to base their daily practice on these protocols.

The protocols are based on the Madrid Declaration Ozone Therapy, ISCO3, 2nd. ed., 2015, 50 pages.
<http://aepromo.org/en/madrid-declaration-on-ozone-therapy-2nd-edition/>

The content of the protocols and the items that they cover are subject of improvement based on the medical experience and scientific investigation. AEPROMO call all its members to help to improve the protocols with their contributions, suggestions, experience and knowledge.

| O3 CONCENTRATION | O3 TOXIC EFFECTS |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 0.1 ppmv 0,00022 µg/ml | No side effects |
| 1.0 to 2.0 ppmv 0,0022 µg/ml | Rhinitis, cough, headache, tears, upper respiratory airway irritability. |
| 2.0 to 5.0 ppmv 0,0033 µg/ml | Dysnea increases, bronchial spasm, asthma. |
| 5.0 to 10 ppmv during 60 mn. 0,0088µg/ml 0,033 µg/ml | Acute Pulmonary Edema. Death in 4 hrs. |

As a security measure we suggest that ozone therapist during ozonation treatments in boot, hair, ulcers, vaginal, fistulas, etc. use carbon mask as a protection as they are risk procedures. When you work daily with open systems or easy ozone leaking to the environment the toxic possibilities is high and cumulative.

At the same time we suggest working with equipments that possess integrated vacuum system to absorb and destroy the leaked ozone, and lately to maintain well ventilated the working area.