USES OF OZONE GAS IN DENTISTRY

- 1. Treatment of dental caries
- 2. Root canal treatment
- 3. Teeth whitening
- 4. Dental sensitivity
- 5. Gum disease
- 6. Dental restorations
- 7. Oral lesions

Before



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Ozone Gas in

Dentistry



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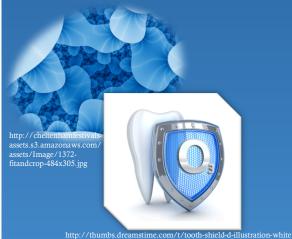
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WHAT IS OZONE GAS?

Ozone is a triatomic molecule, consisting of three oxygen atoms (O₃). It is an energy-rich and highly unstable form of oxygen. Commonly known for it's natural presence in the upper layer of the atmosphere. It is one of the most important gases in the atmosphere because of its ability to filter ultraviolet (UV) rays, which are crucial for the biological balance in the earth. It is a blue gas, with a strong odor. It has got a high-oxidation potential, which is 1.5 times greater than chloride when used as an anti-microbial agent. It also stimulates blood circulation, and the immune response.

OZONE GAS PROPERTIES

- ✓ Anti-microbial
- ✓ Anti-inflammatory
- ✓ Immune-Stimulating action
- ✓ Anti-hypoxic
- ✓ Bio-energetic
- ✓ Bio-synthetic



WHY OZONE THERAPY?

- Conserving tooth structure by performing more preventing and less invasive dental treatment.
- After treatment, 90% of teeth are expected to respond positively if the patient follows care instructions.
- Although the upfront cost is the same as a filling, long-term the procedure means intact, healthy teeth structure, which is much less likely to need expensive treatment in the future.
- Little to no discomfort.
- Faster operatory treatment.



APPLICATION

- Topical
- Gaseous
- Aqueous
- Ozonated olive oil or
- Sunflower oil



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