



An Innovative Alternative Treatment for Eradication of MARCoNS in CIRS

Hope for Healing

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Objective

To teach the use of intranasal and ear ozone insufflation to eradicate MARCoNS (Multiple Antibiotic Resistant Coagulase Negative *Staphylococci*) in patients with CIRS

What is Ozone & Where Does It Come From?

- Ozone (molecular O₃) is formed when the oxygen atoms in oxygen (molecular O₂) are split and then recombine into a triplet molecule.
- 90% of the earth's ozone layer is formed when the sun's ultraviolet energy hits oxygen.

What is Ozone?

Ozone is a highly reactive and unstable triple oxygen molecule. When ozone binds to fat/protein/tissues, the ozone is converted into an ozonide.

Where Does Ozone Come From?

The remaining 10% of the earth's ozone layer is generated by the Catatumbo Lightning storms in Venezuela. This phenomenon is capable of producing 1.176 million lightning bolts a year. When lightning hits oxygen, it generates ozone.

What is an Ozonide?

When ozone is introduced into the body (everywhere but the lungs), it interacts with tissue to form peroxides or ozonides. Many ozonides are stable molecules and persist in the body for days to weeks.

What Do Ozonides Do?

The ozonides exert effects long after the O₃ treatment is completed. Ozonides are magnetic dipolar molecules (N and S ends like a magnet).

What Does Ozone Do?

- Is DIRECTLY TOXIC to ALL MICROBES
- Is able to detect organisms that are releasing biological toxins and disrupts cells walls; in viruses, prevents membrane fusion with the host cell

Misconception

Ozone therapy produces ozonides, but it does NOT induce free radicals because it is a dipolar molecule...the magnetic potential of O₃ prevents free radical formation in the body!

Laboratories Used to Test for MARCoNS:

1. Microbiology DX
2. MicroGen DX (Used Twice)
 - A. Case Four (#2400)
 - B. Case Five (#3438)

Patient Demographics with MARCoNS:

5 patients, Four Women, One Man

Ages: 15 to 68 years

4-6 positive MARCoNS swabs prior to Ozone Txt

Summary of Txts for MARCoNS Prior to Ozone for All Patients:

EDTA 0.1% - 0.5%/25 ppm CCS/Mucolox

Formula 1 NSB (50% Water and 50% NSB per package insert)

EDTA 0.1%/Xylifos/Loxasperse capsules

- one capsule in a Neti Pot bid, alternating nostrils
- Argentyn 23 2 P per nare q noon
- Ozonated Olive Oil on a Qtip intranasally

Adult Nasal Insufflation Protocol

Treatment 1: 30 ml of 16 gamma ozone in each nostril. Repeat x 3.

Treatment 2: 30 ml of 21 gamma ozone in each nostril. Repeat x 3.

Treatment 3: 30 ml of 27 gamma ozone in each nostril. Repeat x 3.

Treatment 4: 30 ml of 30 gamma ozone in each nostril. Repeat x 3.

*** Complete a total of 12 treatments

Adult Ear Insufflation Protocol

Treatment 1: 30 ml of 16 gamma ozone in each ear. Repeat x 3.

Treatment 2: 30 ml of 21 gamma ozone in each ear. Repeat x 3.

Treatment 3: 30 ml of 27 gamma ozone in each ear. Repeat x 3.

Treatment 4: 30 ml of 30 gamma ozone in each ear. Repeat x 3.

*** Complete a total of 12 treatments

Pediatric Ear & Nasal Insufflation Protocol

Age dependent and nasal insufflation should only be used if a child is able to hold their breath.

Range of O3 Gamma Among 5 Patients That Achieved Eradication of MARCoNS:

Minimum to Eradicate:

10 Nasal Insufflations/12 Ear Insufflations (using syringe) up to 30 gamma, per protocol

Maximum to Eradicate:

30 Ear Insufflations (with stethoscope through water bubbler), ranging from 16-56 gamma* and
35 Nasal Insufflations (16-41 gamma)*

***done at another facility; it is not recommended to exceed ~30 gamma in the nose or ear**

Conclusion

Our new "normal" for MARCoNS treatment is to offer nasal and ear ozone insufflation as a *first line therapy*. Since most patients suffering from CIRS have profound brain fog and fatigue, we are also encouraging them to purchase home ozone generators to administer ozone at home. When multiple members of a family are suffering with CIRS, the ozone generator quickly pays for itself.

Both the presenters experience increased mental alertness and improved cognition when regularly using ear O₃ insufflation.

Conclusion

When considering the cost of prescription nasal sprays, repeat MARCoNS swab tests, cost of numerous doctor visits, and the time and effort involved in administration, a rapid and cost-effective way to eradicate MARCoNS for ages 6+ is administration of nasal/ear ozone insufflation for a minimum of 12 treatments. The patient must be living in a "clean" environment and supporting their body with an anti-inflammatory food plan, whenever possible.

MARCoNS Eradication

"By coupling nasal and ear insufflation, the nasopharynx, adenoidal & tonsillar tissues, oropharynx, and eustachian tubes are flooded with O₃, thereby creating the perfect environment to eradicate MARCoNS with the 'gift that keeps on giving: ozone!' " Paula Kruppstadt, MD

**We encourage
investigating the use of
O3 therapy in your
medical practices. It has
been transformative for
our patients.**

References

- *The Ozone Miracle* by Frank Shallenberger, MD, HMD, ABAAM www.amazon.com
- *The Madrid Declaration on Ozone Therapy* www.isco3.org
- *Principles and Applications of Ozone Therapy: A Practical Guideline for Physicians* by Frank Shallenberger, MD, HMD, ABAAM www.amazon.com
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Bocci V, Luzzi E, et al. *Biotherapy*. 7;83-90, 1994
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- <https://aaot.us/page/Literature>

References

- *Mold Illness Surviving and Thriving* by Paula Vetter RN, MSN, FNP-C, Laurie Rossi RN, Cindy Edwards CBA
- <https://www.survivingmold.com/legal-resources/12-step-protocol-overview>
- <https://www.survivingmold.com/docs/HOFFMANESSAY1.PDF>
- "Melanocyte Stimulating Hormone (MSH) Deficiency in Chronic Fatigue Syndrome Associated with Nasal Carriage of Coagulase Negative Staphylococci (CoNS)," slide presentation by Ritchie C. Shoemaker, MD, Phil Domenico, Ph.D., Mark Shirtliff, Ph.D. Presentation for the American Society of Microbiology and is the first to link low MSH to MARCoNS and chronic fatiguing illness.
- https://www.survivingmold.com/Publications/TDM_metabolism_9_24_2020.pdf
- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7733684/>

**Nasal and Ear
Insufflation
Demonstration
Syringe/Stethoscope**