



After many years in clinical practice and physician practice management, Dr. Gross was able to fulfill his life-long passion: educating physicians about wellness, prevention, and nutrition. While pursuing his passion, he discovered peer-reviewed medical research from many reputable institutions and journals clearly documenting the health benefits conferred by supplementation of EPA and DHA, the essential fatty acids abundant in fish oli, when food-equivalent forms and therapeutic doses were administered. Accordingly, his storog desire to use clinical nutrition to help physicians prevent disease and minimize the effects of existing conditions led him to the development PRN (Physical Recommended Nutriceuticals). PRNs mission is to provide the best Omega-3s in a therapeutic dose and form and other evidence-based nutriceuticals in the marketplace today.

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 - Michael Gross, MD
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 - Michael Gross, MD

NON Pharma/Pharma = Nutriceutical

'A food or a part of a food that provides medical or health benefits, including the prevention and treatment of disease and can be dosed for outcome.'















The Changes in the American Diet Past (19th Century) • 30 Million Farmers / 100 Million People

- Small farms producing locally
- Fresh food short shelf life

Present (21st Century)

- Agribusiness 3 Million Farmers / 300 Million People
- · Artificial fertilizers vs. natural fertilizers
- Large farms producing globally
- Processed food long shelf life

Nutrition 101

- Lack of an essential nutrient in the diet results in a nutritional deficiency disease/disorder and concomitant medical
- conditions and problems

Essential nutrients cannot be made or stored, they must be consumed

- Scurvy caused by the lack of Vitamin C
- Neural Tube Defects caused by the lack of Folic Acid
 Vitamin B9
- Is there a Scurvy of the 21st Century?













































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What makes a superior Omega-3 EFA dietary supplement? • Quality & Purity: Pharmaceutically Licensed • No "fish" taste • Bioavailability: Natural TG form • Age, Lifestyle and Condition Specificity • Price - less cost per Therapeutic dose • No "fish" taste

- NSF Highest Manufacturing Certification
- Compliant with FDA/cGMP requirements



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Conclusion The majority of patients with dry eye symptoms have blepharitis If a secondary infection is present, treat with

- If a secondary infection is present, treat with AzaSite, Doxycycline or TobraDex ST
- Omega 3's provide short and long term treatment of the inflamed oil glands, effectively providing the underpinnings of a great dry eye therapy.



















Surgical Planning Disruption • Potential consequences of dry eye during surgical planning process a Multifo • Exclude from consideration for MF IOL due to reduced acuity or suspicion of poor retinal image quality • Select wrong monofocal IOL based on preop SA • Select wrong IOL power • Plan for toric IOL or LRIs when not needed (or v.v.) • Position toric IOL on wrong axis

 Perform unnecessary lens exchange or enhancement



















ASCRS Abstract Available

"THE INFLUENCE OF OMEGA-3 NUTRITIONAL REGIMEN ON TEAR OSMOLARITY IN CASES OF DRY EYE DISEASE."

Conclusion

This study demonstrated that oral consumption of re-esterified omega-3 fatty acids (1680 mg EPA and 580 mg DHA once daily for 12 weeks) resulted in a statistically significant improvement in tear osmolarity, corneal staining, OSDI, and omega index levels.

https://ascrs.confex.com/ascrs/15am/webprogram/Paper18565.html





















