

CONFIDENTIAL ⚡ MMF® ⚡ FOR INTERNAL TRAINING PURPOSES ONLY

NATURAL ISOFORM MICRONUTRIENT FORMULATION - CLINICAL TRIAL SUMMARIES

71%



Members of U.S. Marine Corp Tank Battalions experience high levels of oxidative damage in training (soldiers are 4x more susceptible to illness as a result). Daily use of MMF® during 12 weeks of training **reduced levels of oxidative damage by 71%**. (collaboration with Naval Health Research Center, San Diego, CA, and Marine Corps Systems Command, Quantico, VA, USA)

Marine Corps personnel who suffered traumatic brain injuries in combat were treated with the micronutrient formulation in MMF® for 12 weeks. Study subjects demonstrated **more rapid and complete recovery** throughout the entire study period. Subjects also experienced **better postural stability, better dynamic gait scores, and reduced dizziness handicap scores** after only four weeks. **Energy levels, exercise tolerance, and cognitive ability also improved significantly.** (collaboration with Naval Medical Center, San Diego, CA, USA)



Even civilians considered to be in good health used the micronutrient formulation in MMF® 2x daily for 6 months in a clinical trial that demonstrated a **constant decrease in oxidative stress while simultaneously promoting an increase in immune system competency.** Such results further validate the impressive anti-aging and protective properties of MMF®. (collaboration with University of Montevideo, Uruguay)

Concussions can cause inflammation, pain, poor health and worse. A blast that typically causes a head concussion in humans will kill rats. But rats fed the micronutrient formulation in MMF® for 7 days prior to a concussive blast they are **completely protected with no enzymatic damage** visible in the bloodstream. (collaboration with Naval Medical Research Center, Silver Spring, MD)



MUTATIONS



Drosophila (fruit flies) carry a gene that predictably causes tumor formation after proton irradiation. However, a diet inclusive of the micronutrient formulation in MMF® **gave 100% protection against tumor formation.** This is the first clinical demonstration of an orally ingested supplement protecting against this type of risk. (collaboration with Ames Research Center, NASA, Moffett Field, CA USA)

Mice given the micronutrient formulation in MMF® for just 24 hours before exposure to radiation experienced a **40% increased in survival**, thus demonstrating that MMF® enters the bloodstream quickly, and that its effectiveness is near immediate. This level of protection has never before been achieved by oral administration of antioxidant micronutrients. (collaboration with the Armed Forces Radiobiology Research Institute, Bethesda, MD, USA)

40%



Rabbits consuming MMF® micronutrient formulation for just 7 days before radiation exposure experienced a **dramatic degree of sparing (protection) of vital internal organ tissues.** This study suggests that it is indeed possible to use an oral preparation to protect vital organs. (collaboration with Johnson Space Center, NASA, Houston, TX, USA)

Sheep taking the micronutrient formulation in MMF® for only 14 days experienced an **increase in survival time by 557%** after radiation exposure. No other oral pharmacological agent offers this level of protection and prolonged survival, suggesting that MMF® can dramatically increase longevity (collaboration with Johnson Space Center, NASA, Houston, TX, USA)

557%

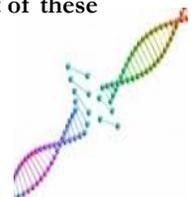


86%



As in humans, exposure to certain chemicals can cause illness in animals. For example, rats exposed to MPTP (chemical found in recreational drugs) develop Parkinsonism-like symptoms, but a diet inclusive of the micronutrient formulation in MMF® produces a **86% reduction in the development of these symptoms.** (collaboration with Meharry Medical College, Nashville, TN)

Double Strand Breaks (DSBs) in DNA are among the most significant DNA lesions because they can initiate heritable cellular mutations—the most frightening of health issues. In two different DNA analyses the micronutrient formulation in MMF® demonstrated a **reduction in DNA double-strand breaks by 58%.** (Department of Radiology, University of Erlangen-Nürnberg, Germany)



Non-human studies may not extrapolate ipso facto to humans.



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