LEAP-MRT: The Gold Standard

LEAP-MRT is the gold standard for the clinical management of food sensitivity related illness. LEAP-MRT is a unique approach developed and refined for over a decade on thousands of IBS, migraine, fibromyalgia and other food sensitive patients. It is without exception the most practical, complete, and effective approach to food sensitivity related health problems available today.

LEAP-MRT has been designed in such a way that enhances adherence and clinical effectiveness by combining 3 key components:

1.The patented MRT blood test
2.The proprietary LEAP dietary protocols
3.Industry leading patient support
4.Industry leading results turnaround time

This combination routinely yields the maximum outcomes in the shortest period of time.

Isn't this our goal?

"The reason MRT has the greatest clinically utility for food sensitivities is because it most closely approximates the actual picture of what is happening in vivo. This has great clinical value."

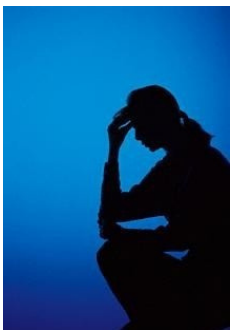
W. Ted Kniker, M.D.
Past Chairperson
Adverse Food Reactions Committee
American College of Allergy, Asthma & Immunology

LEAP
LIFESTYLE EATING AND PERFORMANCE

MRT®
Mediator Release Test

HARMONY
NUTRITION

Food Sensitivities



Food and food-chemical sensitivities are highly complex non-allergic, non- celiac inflammatory reactions. They are one of the *most important sources* of *inflammation and symptoms* across a wide range of chronic inflammatory conditions.

Due to their inherent clinical and immunologic complexities, as well as the limitations of various blood tests and dietary approaches geared towards solving the problem, food and food-chemical sensitivities remain one of the most under addressed areas of medicine.

Top 3 Reasons for Fully Addressing Food Sensitivities in Your Practice

1. It will significantly and quickly improve clinical outcomes in even your most challenging patients *because an important source of inflammation has been removed*
2. It will enhance the effectiveness of every other therapy you use *because an important source of inflammation has been removed*
3. It will transfer responsibility for treatment success away from the exam room and onto your patients where it belongs

LEAP-MRT Addresses Food Sensitivities More Completely Than Any Other Approach

Gastrointestinal
- Irritable Bowel Syndrome
- Functional Diarrhea
- GERD
- Crohn's Disease
- Ulcerative Colitis
- Microscopic Colitis
- Lymphocytic Colitis
- Cyclic Vomiting Syndrome

Neurological
- Migraine
- ADD/ADHD
- Autism Spectrum Disorders
- Epilepsy
- Depression
- Insomnia
- Restless Leg Syndrome

Endocrine
- Type II Diabetes
- Metabolic Syndrome
- Obesity

Musculoskeletal
- Fibromyalgia
- Inflammatory Arthritis
- Chronic Fatigue Syndrome

Dermatological
- Atopic Dermatitis
- Urticaria
- Psoriasis

Gynecological
- Polycystic Ovary Syndrome

Urological
- Interstitial Cystitis

Oxford BIOMEDICAL TECHNOLOGIES

LEAP LIFESTYLE EATING AND PERFORMANCE

MRT® Mediator Release Test

HARMONY NUTRITION

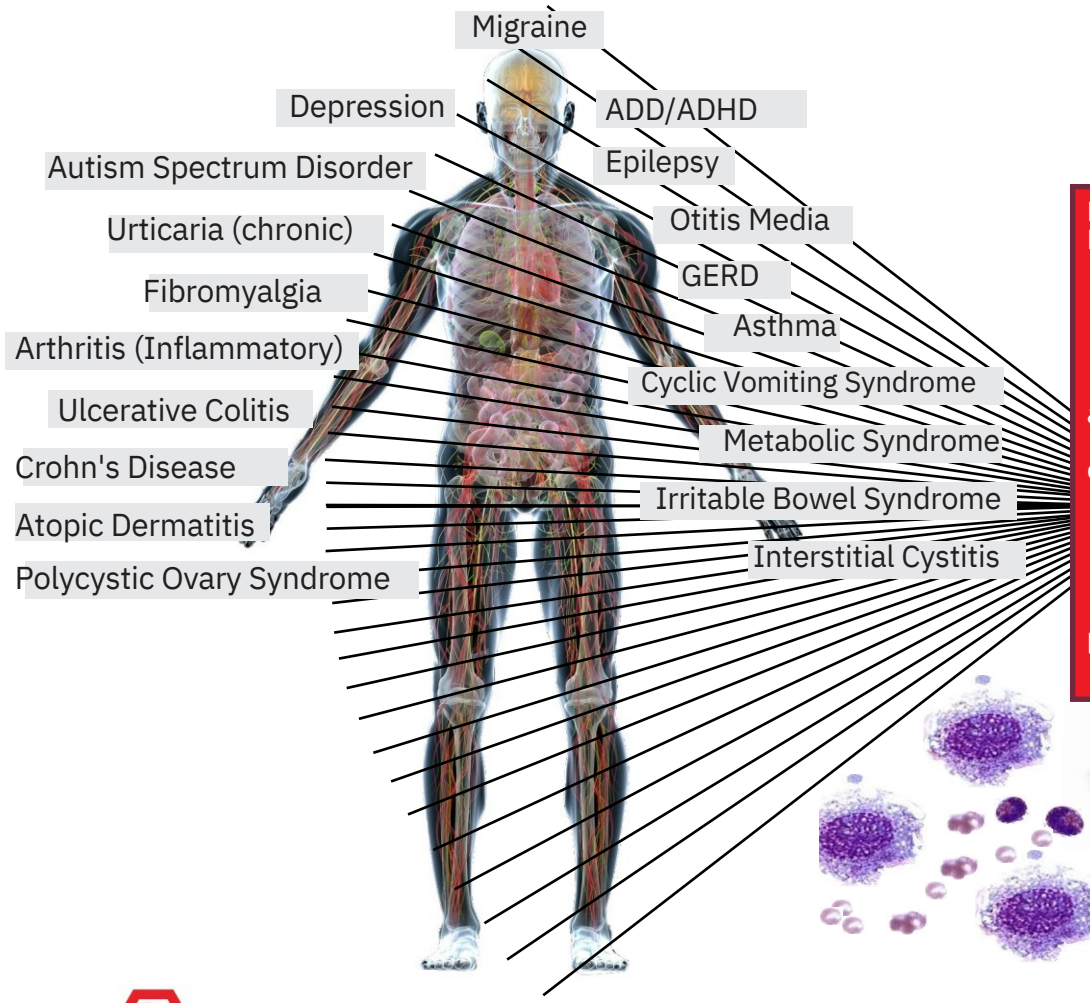
How Food Sensitivities Cause Inflammation

Sensitivities can involve both innate and adaptive immune pathways, multiple triggering mechanisms and multiple classes of white blood cells. Pathogenic reactions ultimately lead to the release of proinflammatory and proalgesic mediators from associated white cells with resulting subclinical and clinical inflammatory effects.

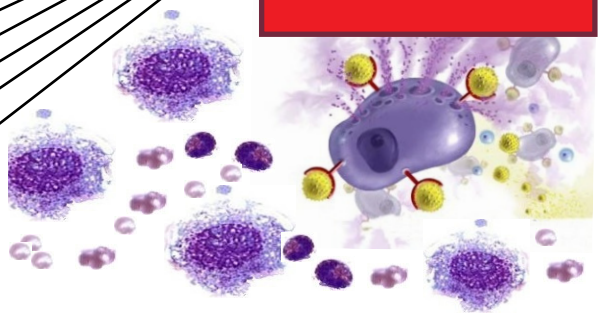
Triggering Mechanisms
- Food antigens
- Food chemicals
- Haptens
- Amines
- Pharmacologic
- Immune Complexes
- IgG
- IgM
- Lectins

Cellular Activation
- Lymphocytes
- Sensitized T-cells
- T-Cells
- NK Cells
- K Cells
- Eosinophils
- Basophils
- Monocytes
- Neutrophils

Mediator Release
- Cytokines
- Interleukins
- Chemokines
- TNFs
- Interferons
- Leukotrienes
- Histamine
- ECP, MPE, Amines
- Prostaglandins
- Others



Pathophysiologic Effects
- Inflammation
  - Subclinical
  - Clinical
- Tissue damage
- Pain receptor activation
- Smooth muscle contraction
- Edema
- Excess mucous
- Neurological
- Endocrine
- Increased gut permeability



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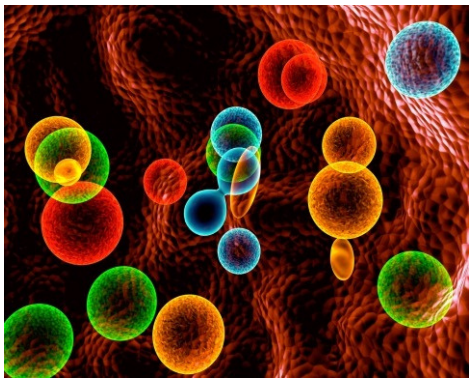


MRT: Remarkable Reliability for a Functional Assay

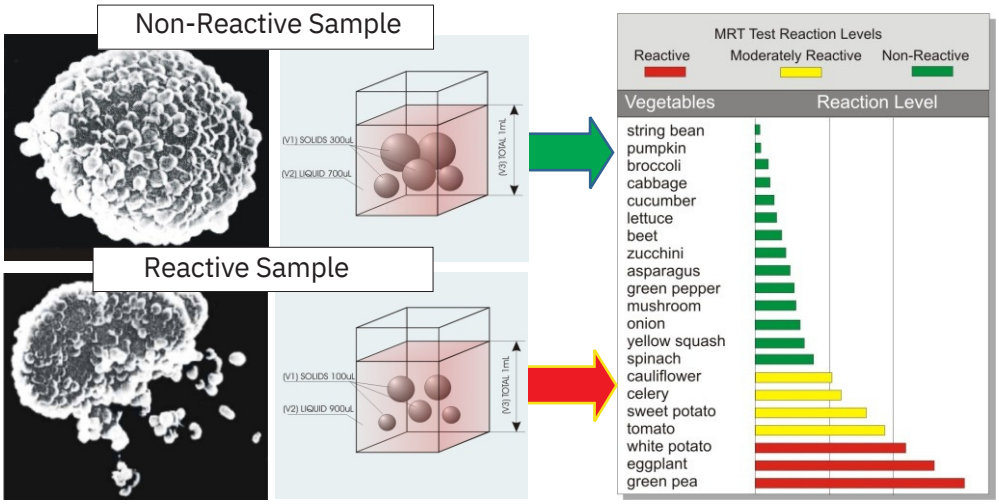
Gaithers J, Pasula M, Nowak J, Zielinski P, Split Sample Reproducibility of MRT III

"Overall acceptable split sample correlation in this study was 93.6 percent. Unacceptable correlation was 6.4%. These results suggest an excellent degree of reliability for the MRT III analyzer. Given the difficulties in correlating a complex biological set of reactions that include many different pathways and different timing reactions, these data exhibit remarkable consistency."

The Mediator Release Test Quantifies Diet-Induced Inflammation

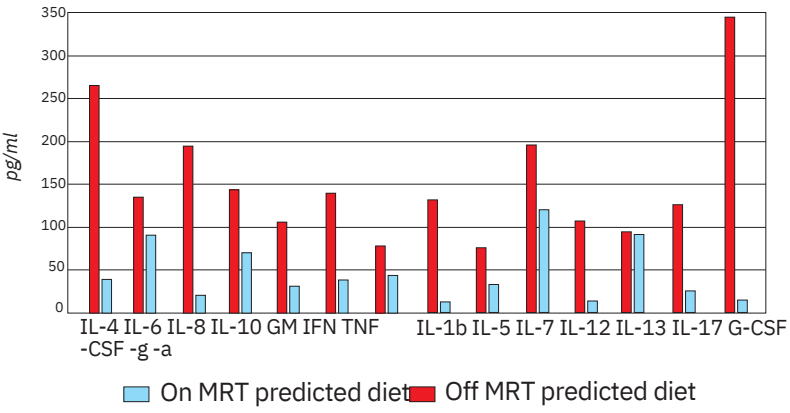
MRT uses a patented combination of flow cytometry and proprietary impedance technology to measure subtle volumetric changes in lymphocytes, neutrophils, monocytes, and eosinophils.

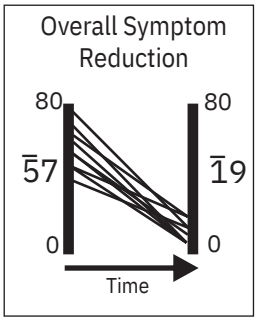
Volumetric changes after food or food-chemical challenge are quantified and reported as either 'Non-Reactive,' 'Moderately Reactive,' or 'Reactive' and form the basis for the LEAP Eating Plan.

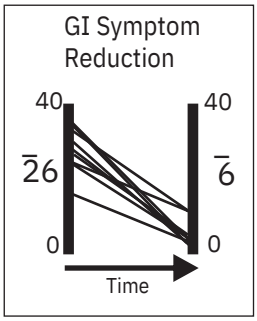


MRT Predicted Diets are Anti-Inflammatory & Anti-Symptom Provoking

A 2004 study presented at the American College of Gastroenterology Annual Scientific & Educational Meeting showed the Mediator Release Test (MRT®) was able to predict a diet that markedly decreased both symptoms and circulating levels of 14 different human cytokines in IBS.







Reference: Williams F., Use of the LEAP Mediator Release Test to identify non-IgE mediated immunologic reactions that trigger diarrhea predominant IBS symptoms results in marked improvement of symptoms through the use of an elimination diet., American College of Gastroenterology Annual Scientific & Educational Meeting, September 2004

HARMONY NUTRITION