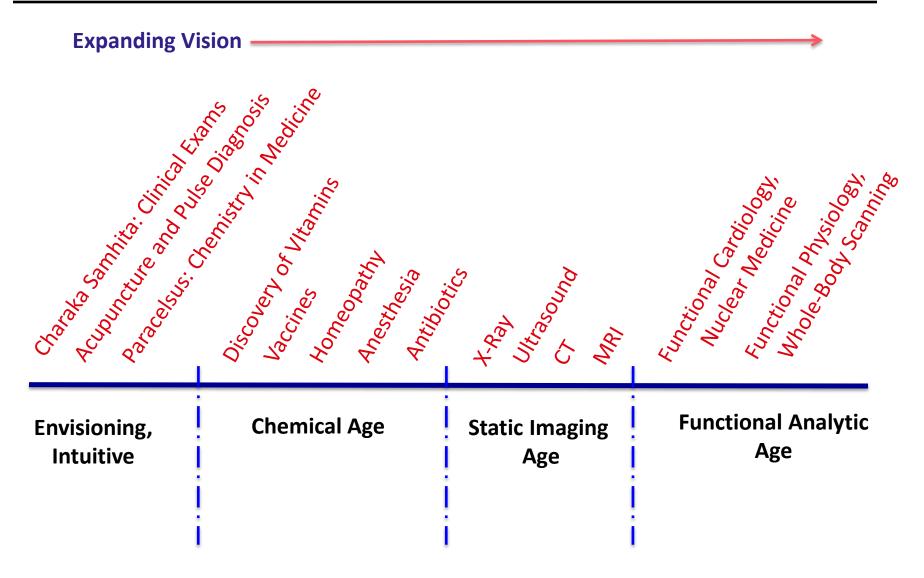


# Hidden Causes of Disease Revealed through Dynamic Regulation Thermography

Dr. Daniel Beilin, Founder & Chief Medical Officer Alfa Thermodiagnostics, Inc.

### Medical Breakthroughs





### Do We Have the Right Tools?





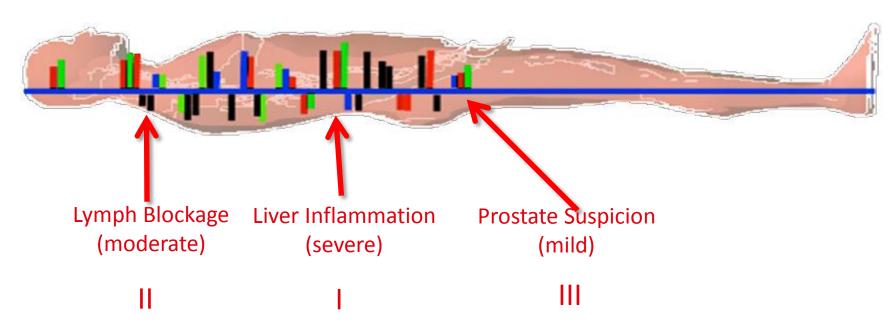
"If you only have a hammer, you tend to see every problem as a nail."

Abraham Maslow

### Is There a Tool That...

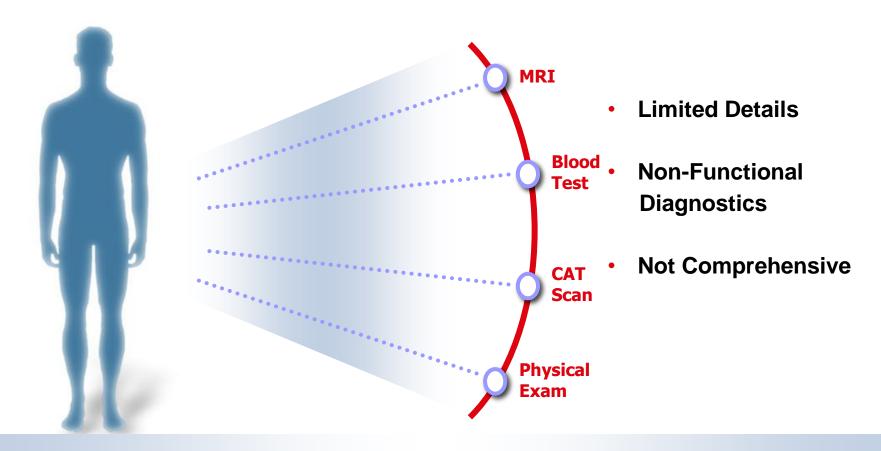


- 1. Identifies priorities for the whole body?
- 2. Indicates co-factors, organs, and systems involved?
- 3. Provides the physician a holistic view?
- 4. Tracks therapy efficacy and patient progress?



### Limitation of Current Medical Diagnostic Methods

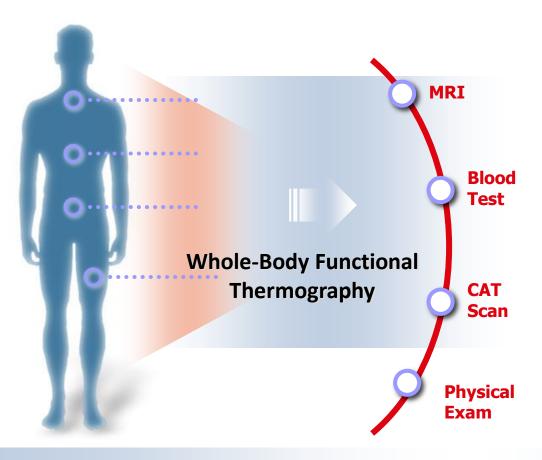




- Multiple, Invasive Tests
- Static View of One Part of Body
- Expensive and Time Consuming

### Dynamic Regulation Thermography





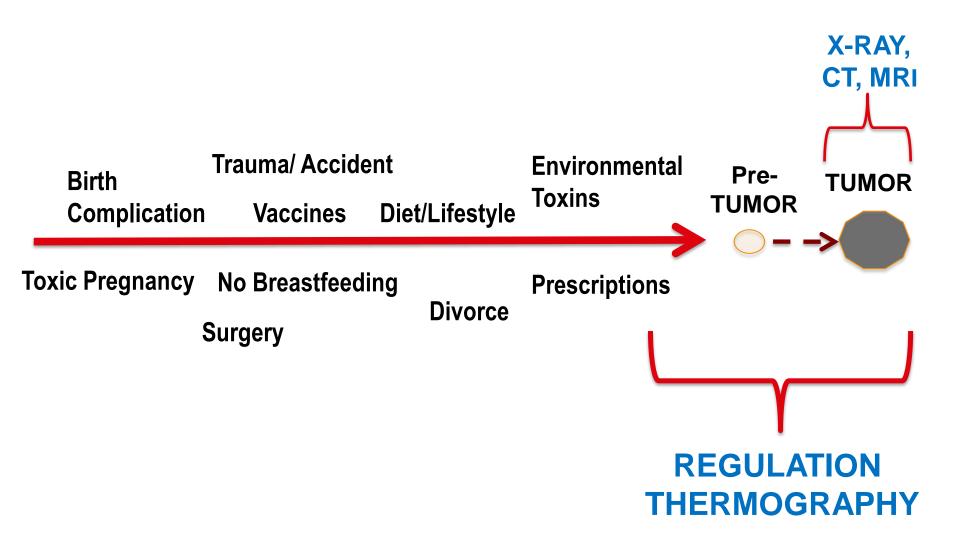
### Physiological System Diagnostics:

- Overall View
- Pinpoint of Disorders
- Early Disease Detection
- Root Causes of Disease

- Simple, Non-Invasive Test
- Dynamic, Whole-Body View
- Save Time & Money by Intelligently Directing
   Specific Follow-on Tests and Therapies

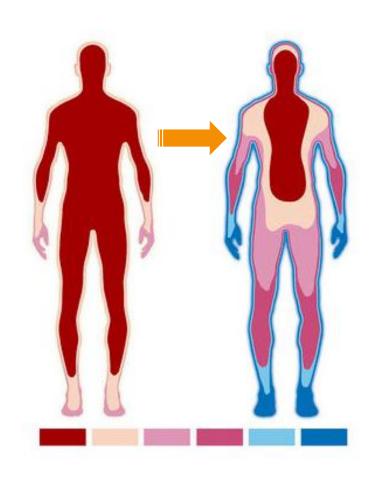
### Regulation Thermography = Early Detection





### How It Works





Cooling: Undressing to Underwear

#### **EXPOSURE TO COOL-AIR CAUSES:**

- SHUNTING OF BLOOD TO HEAD
- COOLING OF EXTREMITIES, TORSO
   OF 0.4-1.2 DEGREES
- HEAD WARMS, THYROID WARMS, DENTAL WARMS
- THIS IS AUTONOMICALLY CONTROLLED.

#### **DEVIATIONS COME FROM:**

- TISSUES, ORGANS INNERVATED AT SPINAL SEGMENTAL NEURONS
- BRAIN: RF, THALAMUS, CEREBELLUM

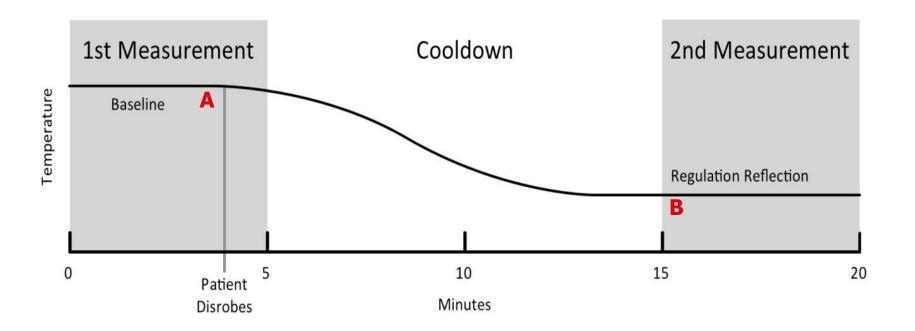
### Stressing the Regulatory System



One Before a Cool Stress Stimulus (A)

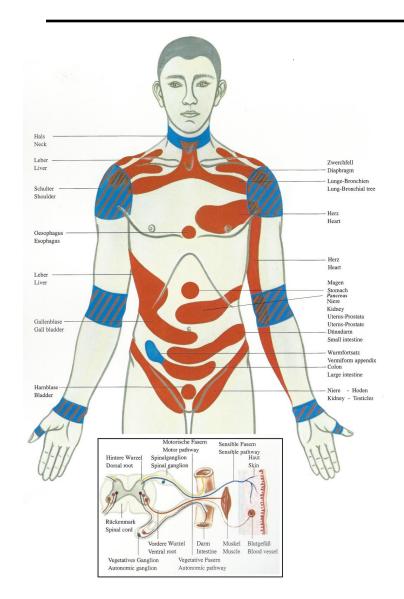
AND

One After a Cool Stress Stimulus (B)



### Visceral Projections





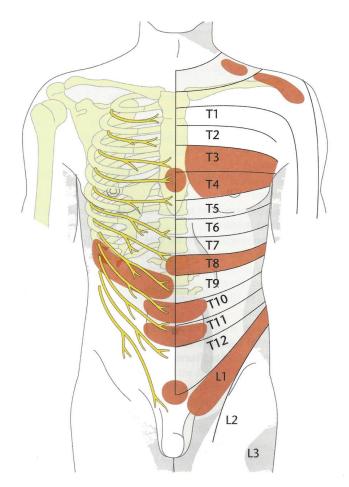
### RADIOLOGY (MEDICINE) LACKS FUNCTIONAL MAPS

- Lymph System?
- Nervous System?

(Gut-Brain, Visceral Interface)

### **Autonomic Projections**



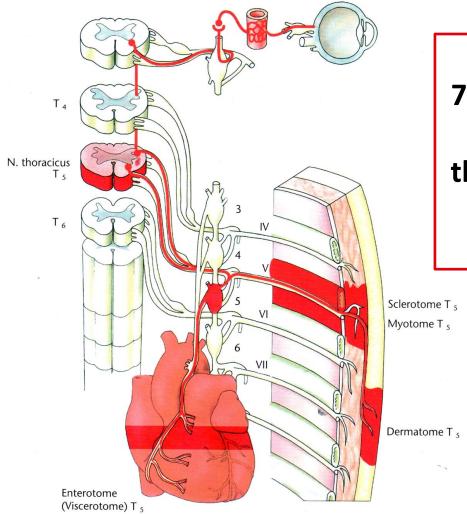


Innervations by vertebral sympathetics and parasympathetics are clear and followed by this regulation method.

Fig. 9.3 Differential diagnosis of referred pain: Segmental radiation of "projected" pain in visceral disease, with strict assignment to a side and a segment of the skin (and muscles) on the trunk (conclusions analogous to those in > fig. 9.2).

### Hardwiring of the Autonomic Chain





70% of Thermoregulation of Skin is Modulated by the *Local* Underlying Organs and Tissues!

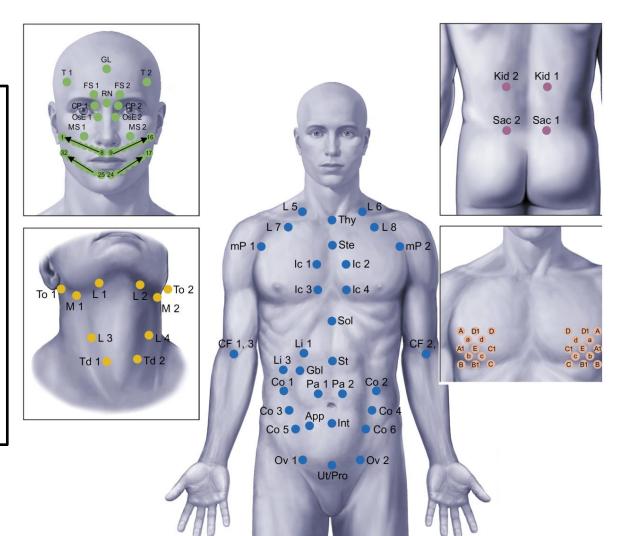
### Measurement Points





**Body** 

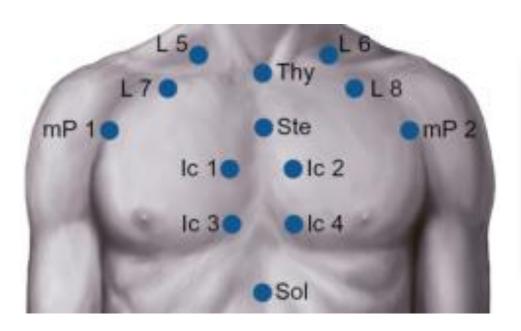
**Breast** 

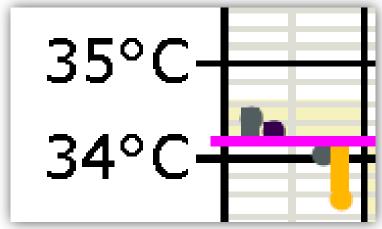


**Brain** Cranial Sinuses **Endocrine** Teeth Tonsils/Lymph **Thymus** Heart Pericardium Lungs Esophagus Stomach Liver Gall Bladder **Pancreas** Small Intestine Colon **Uterus/Ovaries Prostate Kidneys** 13 Sacroiliac

### Graphing the Measurement Points



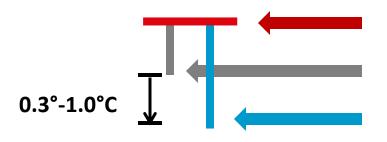




# Temperatures Reflect Regulation Capacity

### Anatomy of Point Behavior - Body





Baseline value, Glabella + avg.

1st measurement value

2nd measurement value after cool-stress

**Normal Regulation** 



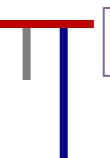
**Blocked** or 'rigid' regulation: Focus, blocked regulation



Paradoxical regulation: Inflammation



Hypo-regulation: Nearly blocked



**Hyper**-regulation: Autoimmune, toxic-allergic

## REGULATION THERMOGRAPHY SIGNATURE RECOGNITION



#### Signature Patterns of More than 30 Conditions

- Hepatobiliary Dysfunction
- Intestinal Dysfunction
- Bronchitis/pulmonary function
- Cardiac electrophysiology/myocardium
- Pre-diabetes, diabetes
- Food intolerance
- Thyroiditis, hypothyroid
- Suspicion of neoplasm
- Heavy metal toxicity
- Brain toxicity/head trauma

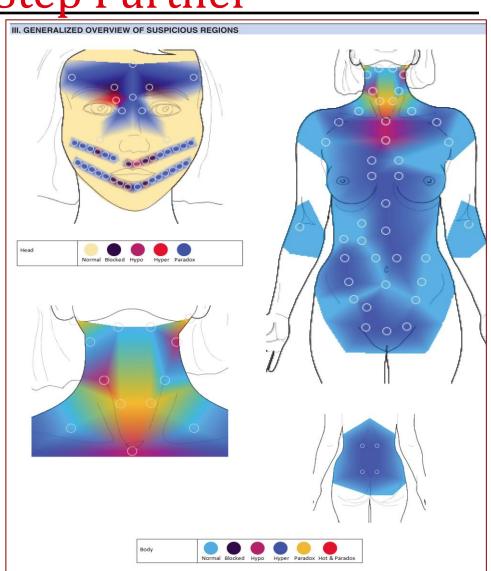
- Endocrine female/male
- Neuromuscular imbalances
- Kidney dysfunction
- Pelvic disorders/ovarian/cervical
- Prostate
- Breast health
- Dental foci/cavitation/toxicity
- Sinusitis
- Cerebrovascular functions
- Lymph/Infections

### Alfa Thermodiagnostics: Taking it a Step Further



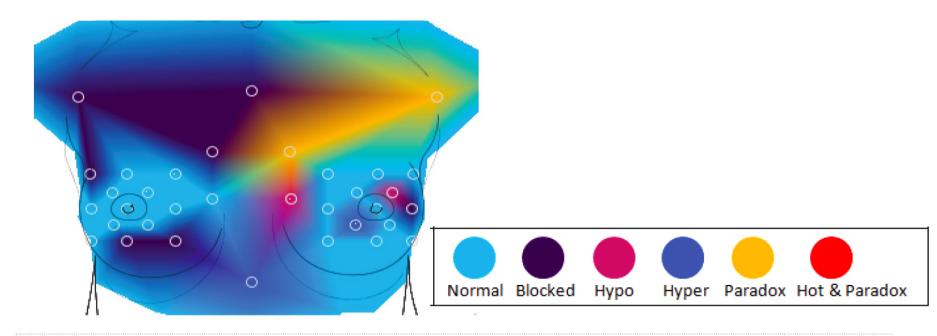
#### **II. PRIORITY FOR TREATMENT**

- 1. Lymph System Blockade
- 2. Breast Side Difference
- 3. Virus (systemic)
- 4. Myocardium Danger
- 5. Toxicity Index
- 6. Dental Focus



### **Breast Analysis**



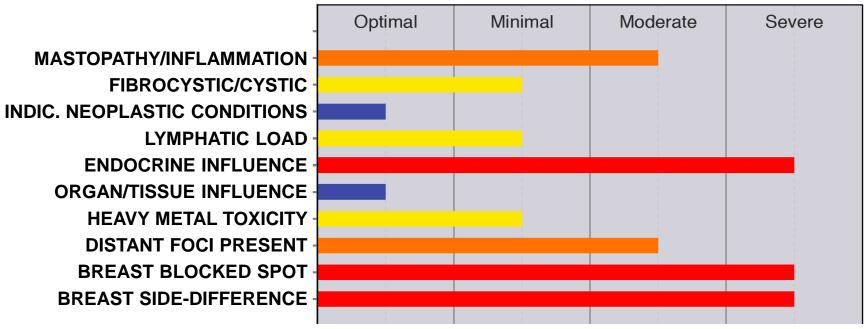


<b>Breast Suspicion Criteria</b>					
Sternum Block	X	Breast blocked spot	X	Breast R-L asymmetry	X (RWarm)
Liver warm / block		Opp. Ovary Dysregulation		II and Terrain Index high	
Tonsil / Lymph block	X	Chest disorder elevated		2nd Molar possible	Х
Immune Index high		Breast disorder elevated	X	Stomach cold / blocked	Х

Result: 7 / 12 criteria met for suspicion (X) (0-5 normal)

### Signature & Grading for Breast Dysfunction



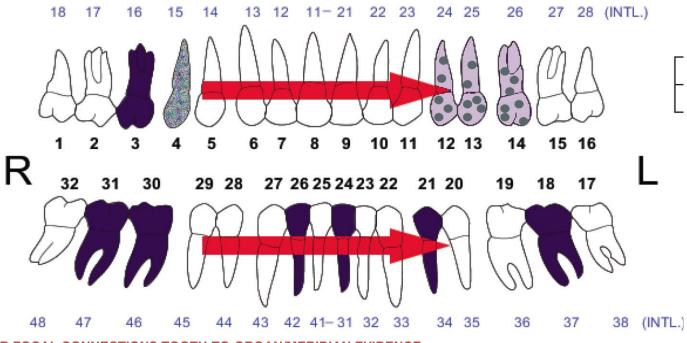


#### **Breast Analysis Summary**

- This 56 year old woman was referred to Dr Daniel Beilin. The overview appears as a/an Endocrine Influence, Breast Blocked Spot, and Breast Side Difference stress patient.
- There is Breast blocked spot and Breast R-L asymmetry apparent.
- According to the established 12 breast criteria 7/12 were indicated. This leaves minimal concerns for breast problems.
- Another thermogram should follow within 6 months in regards to the status after appropriate treatment and investigation. There is also a possibility an elevated suspicion may be due to hormonal cycles and therefore should be repeated at another phase of the menstrual cycle.
- These contributing organs and tissues are given in priority of severity of stress and form the basis for treatment or further tests:
  - 1. Breast blocked spot
  - 2. Breast R-L asymmetry
  - 3. Tonsil/lymph block

### Dental Analysis





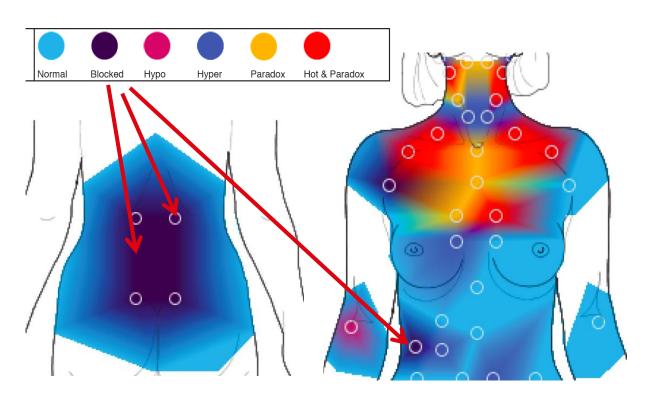
#### IDENTIFICATION FOR FOCAL CONNECTIONS TOOTH-TO-ORGAN/MERIDIAN EVIDENCE

<b>Tooth Number</b>	Organ Correspondence	Meridian Connects to
Tooth 4	Lung, Large Intestine	Right: Shoulder, Elbow, Hand (radial), Foot, Big Toe. Sinus: Paranasal and Ethmoid. Bronchi. Nose. Right Lung. Right Side of Large Intestine. Right Breast.
Tooth 12	Lung, Large Intestine	Left: Shoulder, Elbow, Hand (radial), Foot, Big Toe. Sinus: Paranasal and Ethmoid. Bronchi. Nose. Left Lung, Left Side of Large Intestine.
Tooth 13	Lung, Large Intestine	Left: Shoulder, Elbow, Hand (radial), Foot, Big Toe. Sinus: Paranasal and Ethmoid. Bronchi. Nose. Left Lung, Left Side of Large Intestine. Left Breast
Tooth 14	Stomach, Spleen	Left: TMJ, Anterior Hip/Knee, Medial Ankle. Sinus: Maxillary. Oropharynx. Larynx. Esophagus. Left Side of Stomach. Thyroid.

### Case #1: Chronic Fatigue



- 32 year old female patient with severe fatigue
- Noted Integrative doctor suspects Lyme
  - Lyme titers mostly positive
  - EBD, HSVII positive



#### **Therapies:**

- Ozone
- UVB
- Infusions
- Sanum
- Parasite plans

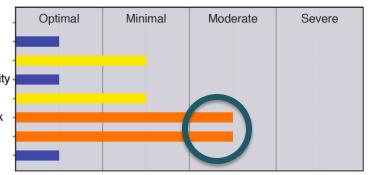
#### **Result:**

- Improvement for 2 months
- Followed by relapse
- Mystery. Now what?

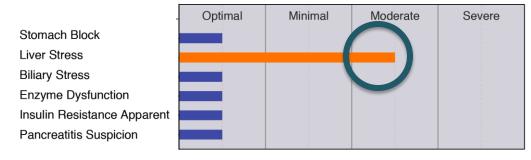
### Objective Assessment = Effective Strategies



Brain Toxicity/Solvents/Pesticides/Metals
Endocrine Disorder
Carotid Question/Cerebrovascular Abnormality
Cranial Dysfunction/Structural
Temporomandibular Joint, Vestibular or Neck
Virus (systemic)
Sinus Block/Inflammation/Dysfunction



#### **Upper Abdomen**



#### Kidney/Back

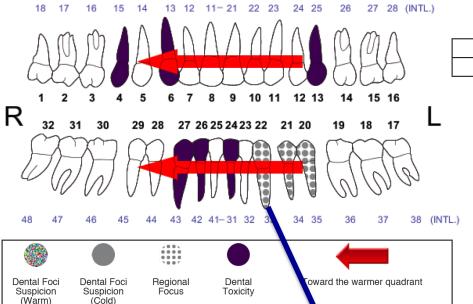


### Dental Connection to Organ Systems



#### IV. DENTAL RELATIONSHIPS

Blocked teeth indicate possible origins of disturbance fields affecting various organ systems. The teeth listed below are a) blocked and b) located in quadrants of maximum dysfunction. They may be cause to consider their relationship to organs and tissues involved in the case. Any tooth identified is meant to represent the mini-region one tooth on either side of the tooth identified and is not always referring to the exact location of the tooth identified.



#### **QUADRANT STRESS CHART**

LOWER RIGHT	LOWERLEET
UPPER RIGHT	UPPER LEFT

Bold indicate quadrant stress

#### IDENTIFICATION FOR FOCAL CONNECTIONS TOOT I-TO-ORGAN/MERIDIAN EVIDENCE

Tooth Number	Organ Correspondence		Meridian Connects to
tooth 20	Spleen, Stomach	\	Left: TMJ, Anterior Hip/Knee, Medial Ankle. Sinus: Maxillary. Oropharynx. Larynx. Esophagus. Left Side of Stomach.
tooth 21	Spleen, Stomach	7	Left: TMJ, Anterior Hip/Knee, Medial Ankle. Sinus: Maxillary. Oropharynx. Larynx. Esophagus. Left Side of Stomach. Ovaries. Left Breast.
tooth 22	Liver, Gallbladder	2	Left: Posterior Knee, Hip, Lateral Ankle. Sinus: Sphenoid. Palatine Tonsil. Eye. Ovaries. Left Liver. Biliary Ducts

### Immediate, Clear Direction



#### II. PRIORITY FOR TREATMENT

By placing disorder highest priority, blocked regulation second, and proximal radical differences (within the same region) third, priority for treatment can be established with providing the best strategies and patient benefits. Any therapies recommended are intended as general guidance for the physician and do not in any way represent qualified therapeutic decisions that may substitute for more appropriate directions of care determined by the treating physician or practitioner.

- 1. Kidney Hypo-function
- 2. Breast Blocked Spot
- 3. Global Immune Stress
- 4. Heavy Metal Signature
- 5. Liver Stress
- 6. Food Intolerance, Sensitivity

#### RECOMMENDATIONS

- 1. There are signs of a possible kidney insufficiency. Consider creatinine and sonography.; Evaluate for toxicity, protein metabolic disturbances, enzyme deficiencies, diabetes.
- 2. Consider fibrocystic diagnosis, other criteria for suspicion, endocrine influence. Also imaging may be necessary. In addition, after consideration of criteria for suspicion and palpation if possible, if fibrocystic, lymph meds, endocrine balancing, enzyme supplementation.
- 3. Consider CBC w diff, Immunology panel, lymph palpation/exam. In addition, apply immune-stimulation such as herbal immune supplementation, thymus extracts, lymph meds as well as probiotics.
- 4. Consider chronic toxic metal or environmental chemical exposures such as mercury poisoning (long term); If tests are positive, consider chelation therapy, dietary restriction, Urinary challenge or hair element testing.
- 5. LFTs, Metabolic Panel, Lipid panel, A1-c recommended.; Additional: consider liver detoxification, herbal, enzymatic, dietary restriction of fats or alcohol.
- 6. Refer to test for celiac and other food sensitivities; Consider I-glutamine, probiotics, elimination diet.

### Treatment & Follow-up

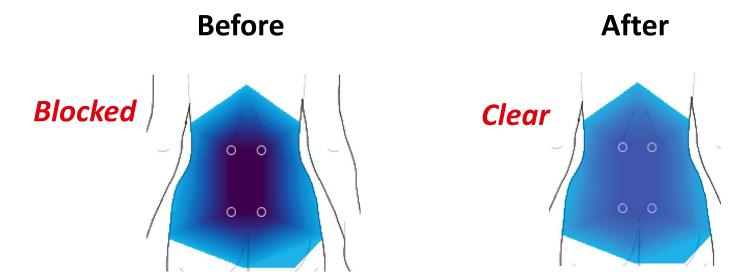


#### **Therapies:**

- Detox remedy: Pleo Muc Supps, Bucco/Juniperus/Ranalin
- Detox remedy: chelidonium/lycopodium/traxacum/quassia

#### **Result:**

- Dramatic improvement in 2 months
- Resumes normal life after 4 years of severe fatigue



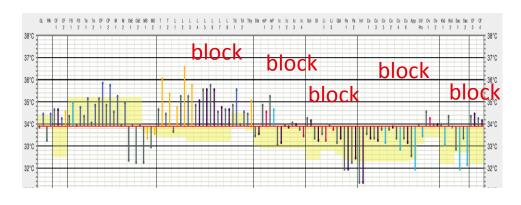
### Case #2: Recent Aortic Dissection

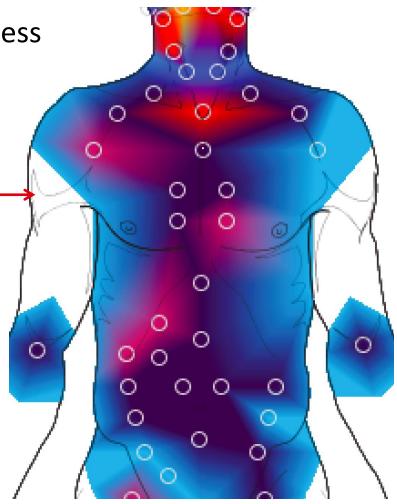


70 year old male with growing weakness

- History of Aortic Dissection
  - Chronic Mycosis
  - Controlled Hypertension

Systemic Blocked Regulation





### Detox + Heavy Metal, Immune



#### - VI. DYSREGULATIVE PATTERN SIGNATURES AND RECOGNITION

#### **Whole Body Identifier Patterns**

**Toxicity Index** 

**Detoxification Capacity Lack** 

Heavy Metal Signature

Physiologically Degenerative Signature Pattern

Prognostic Index

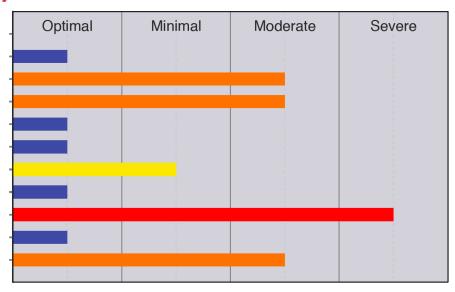
Adrenal Stress Index

**Autoimmune Indication** 

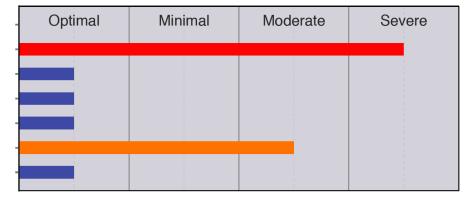
Global Immune Stress

Blood Pressure/Circulatory abnormality

Peripheral Circulatory Dysfunction



#### **Neck Region**



Lymph System Blockade

**Tonsillar Focus** 

Thyroid (Hypo)

Thyroid (Autoimmune, Anomalous)

**Head Emphasis** 

Torso Emphasis

### Treatment & Follow-up

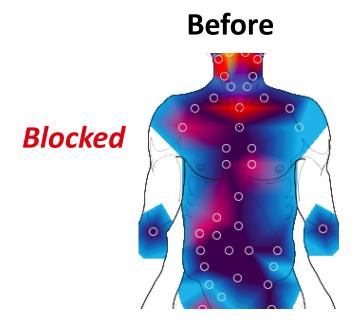


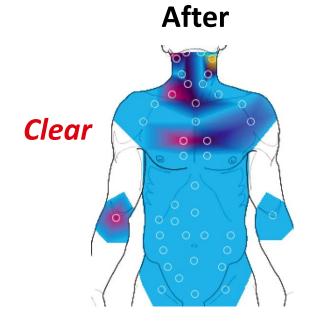
#### **THERAPIES:**

- Heavy Metal Detox
- Enzyme Therapy
- Liver Detox

#### **RESULTS:**

- Renewed Energy
- Improved Cardiac Function

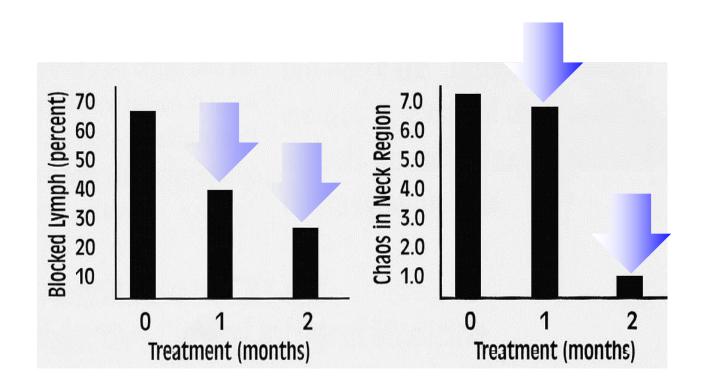




### Monitoring Treatment Efficacy



#### MONITORING REGULATION CAPACITY= Effective Intervention



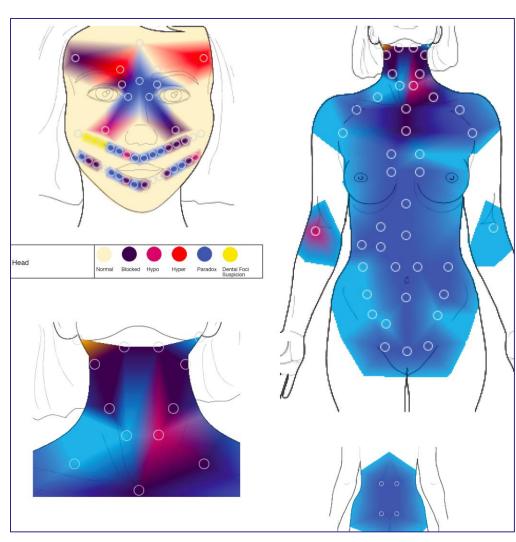
### Case #3: Breast Suspicion



- 45 year old woman with bloody discharge right breast
- Microcalcifications on mammography
- Biopsy negative but guarded
- Lumpectomy vs. mastectomy recommended

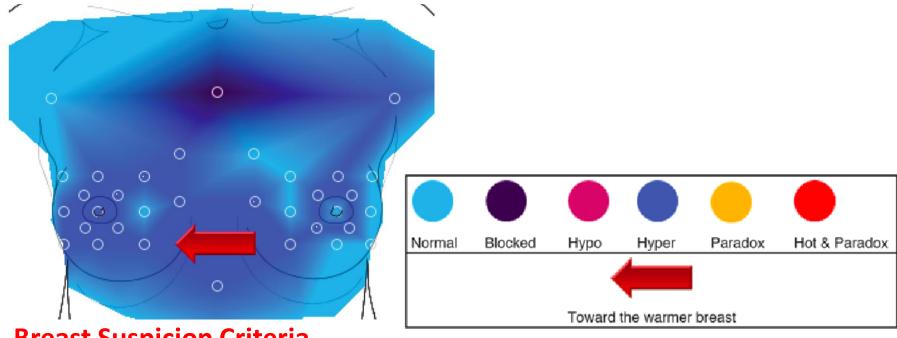
#### **Whole-Body View**

- HEAD BLOCK
- DENTAL QUESTION
- NECK BLOCK
- TOXICITY (GENERAL)



### CONFIRMED REGULATION DISTURBANCES





#### **Breast Suspicion Criteria**

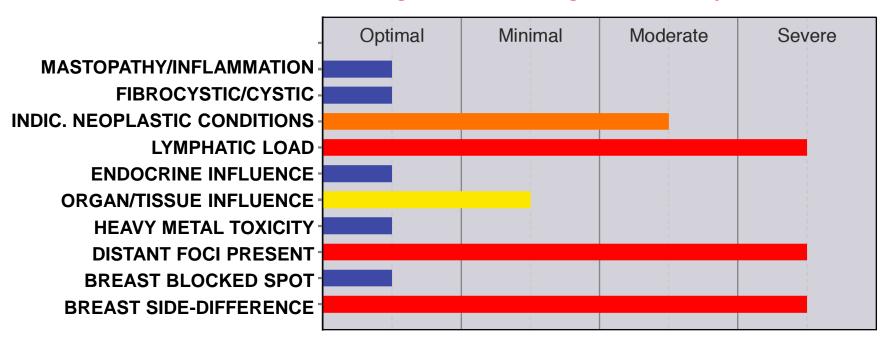
Sternum Block	X	Breast blocked spot		Breast R-L asymmetry	X (RWarm)
Liver warm / block	X	Opp. Ovary Dysregulation		II and Terrain Index high	Х
Tonsil / Lymph block	X	Chest disorder elevated		2nd Molar possible	Х
Immune Index high	X	Breast disorder elevated	X	Stomach cold / blocked	

Result: 8 / 12 criteria met for suspicion (X) (0-5 normal)

### SIGNATURE RECOGNITION



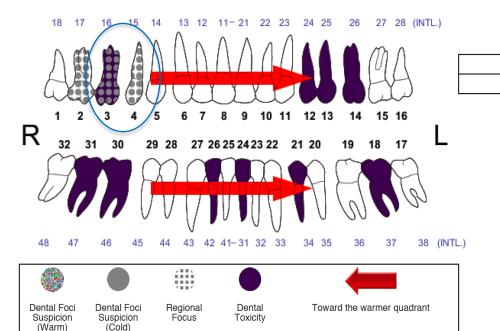
#### **Signature & Gradings for Breast Dysfunction**



### DENTAL CORRELATION



#### Focal Suspicion: Teeth #3 and #4



#### QUADRANT STRESS CHART

UPPER RIGHT	UPPER LEFT
LOWER RIGHT	LOWER LEFT

Bold indicate quadrant stress

#### IDENTIFICATION FOR FOCAL CONNECTIONS TOOTH-TO-ORGAN/MERIDIAN EVIDENCE

Tooth Number	Organ Correspondence	Meridian Connects to				
tooth 2	Stomach, Pancreas	Right: TMJ, Anterior Hip/Knee, Medial Ankle. Sinus: Maxillary. Oropharynx. Larynx. Esophagus. Right Side of Stomach. Parathyroid.				
tooth 3	Stomach, Pancreas	Right: TMJ, Anterior Hip/Knee, Medial Ankle. Sinus: Maxillary. Oropharynx. Larynx. Esophagus. Right Side of Stomach. Thyroid. Right Breast.				
tooth 4	Lung, Large Intestine	Right: Shoulder, Elbow, Hand (radial), Foot, Big Toe. Sinus: Paranasal and Ethmoid. Bronchi. Nose. Right Lung. Right Side of Large Intestine. Right Breast.				

### CLEAR INTEGRATIVE REPORTING



#### **PRIORITIES**

- 1. Lymph System Blockade
- 2. Breast Side Difference
- 3. Virus (systemic)
- Myocardium Danger
- 5. Toxicity Index
- 6. Food Intolerance, Sensitivity

#### RECOMMENDATIONS

- 1. Palpation of lymph (neck, chest, axillae, inguinal) with cbc and possible throat culture, viral panel. Supplement with lymph meds such as Astragalus, thymus, phytolacca, etc. Also recommend to probiotic therapy.
- 2. Regarding breast side difference, consider other criteria to aid in decision making process.
- Consider viral panel. Treat with supplementation such as L-Lysine, gentian and other antivirals, as well as consider bacterial co-infections and use supplements for general immune support.
- 4. Consider evaluation for coronary artery dysfunction; Supplements that may be appropriate: D-Ribose, CoQ10, E, magnesium.
- 5. Consider allergy testing, CRP, ANA, Sed.Rate.; Additionally, test for chemical and environmental toxic exposures, head and neck focal disturbances.
- 6. Refer to test for celiac and other food sensitivities; Consider I-glutamine, probiotics, elimination diet.

### 4 Month Treatment Plan



- DENTAL: REMOVAL OF ROOT CANALS
- ANTIVIRALS
- HEAVY METAL DETOX
- LIVER THERAPIES
- BRAIN DETOX

### PRE/POST-THERAPY CONTROL



#### **Whole-Body View**



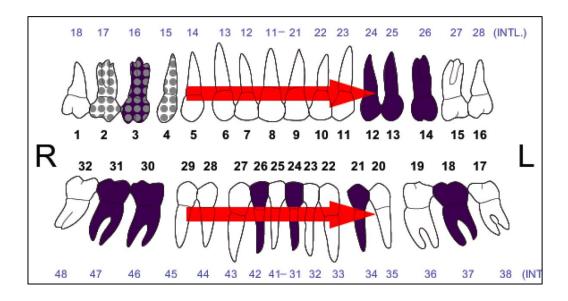
**Before** 



**After** 

# PRE/POST-THERAPY CONTROL

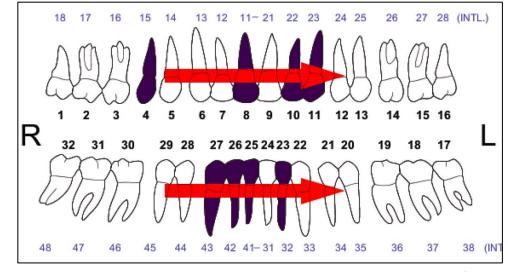




### **Dental View**

**Before** 

#### **After**

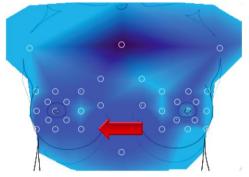


# PRE/POST-THERAPY CONTROL



## **Breast View**

#### **Before**





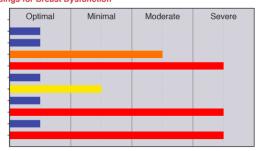
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Otenson Bleek	v	Description of Cont		December 1	V (D)M
Sternum Block	X	Breast Blocked Spot		Breast R-L asymmetry	X (RWarm)
Liver warm/block	×	Opp. Ovary Dysregulation		Lyl and Terrain Index high	X
Tonsil/lymph block	×	Chest disorder elevated		2nd Molar possible	X
Lymphatic Index high	X Breast disorder elevated			Stomach cold/blocked	
		Result: 8/12 criteria met for s	suspicion (X) (	0-5 normal)	

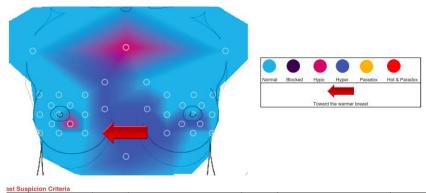
#### 8/12 Suspicion Criteria

#### Signature & Gradings for Breast Dysfunction

Mastopathy/Inflammatory
Fibrocystic/Cystic
Physiologically Compensated Signature Pattern
Lymphatic Load
Endocrine Influence
Organ/Tissue Influence
Heavy Metal Toxicity
Distant/Related Focal
Breast Blocked Spot
Breast Side Difference

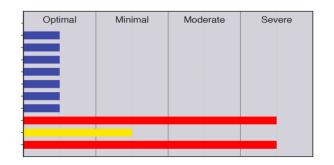


#### After



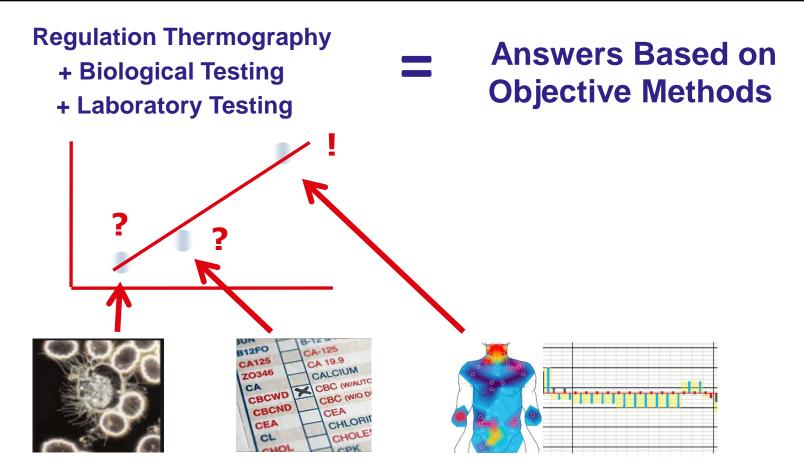
num Block	Breast Blocked Spot		Breast R-L asymmetry	X (RWarm)
r warm/block	Opp. Ovary Dysregulation		Lyl and Terrain Index high	
sil/lymph block	Chest disorder elevated		2nd Molar possible	
phatic Index high	Breast disorder elevated	X	Stomach cold/blocked	
	Result: 2/12 criteria met for s	suspicion (X) (	0-5 normal)	

### 2/12 Suspicion Criteria



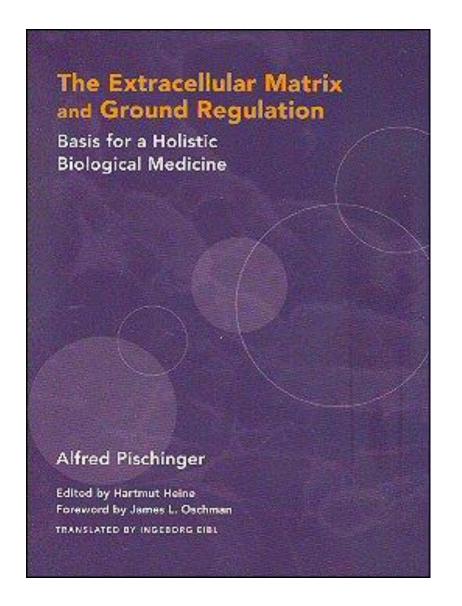
## Closer to Certainty





Regulation Thermography gives us key information from a **functional dimension**, adding to our vector definitions.





"Regulation Thermography is a true method for the diagnosis of the regulation matrix and its consequent disease manifestations".

Alfred Pischinger (1899 – 1982)

Pischinger was the first scientist to describe the regulation of the ECM and to state that each disease starts within the ECM.

## Conclusion



- Restoring Optimal Regulation = Path to Healing
- Whole-Body Regulation Thermography accurately reveals regulation of organ systems and the hidden causes of disease.

"Regulation physiology sits at a crucial core of most diseases, and Regulation Thermometry is the superior choice in envisioning those causes".

-Dr. Dietrich Klinghardt, M.D., Ph.D

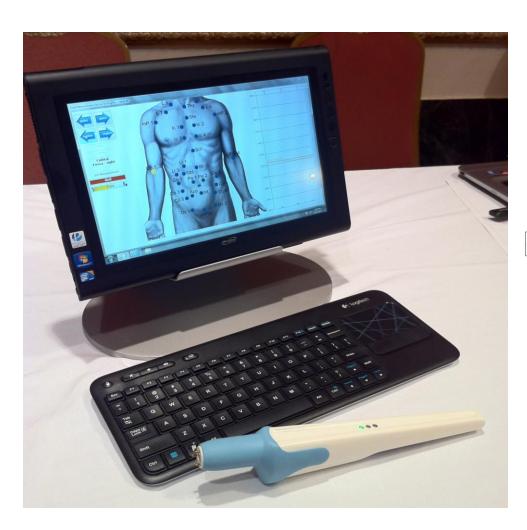


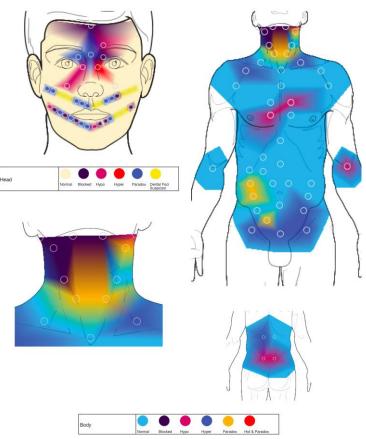
## Thank You

Dr. Daniel Beilin drbeilin@alfathermo.com 831-901-9248

# The AlfaSight 9000™ Whole-Body Thermometry System







## Highlights



- Digitized Temperatures; Disease Signature-Recognition Algorithms. Eliminates Bias.
- 30,000+ Patient Database with Correlations to Radiology,
   Clinical and Laboratory Tests
- Non-Invasive, No Radiation
- Monitor Treatment Efficacy & Patient Progress
- Early Detection for Early Intervention
- Instant Patient Reports with Priorities and Recommendations that Guide Treatment

# Clinical Screening Technologies Benefits Comparison



	X-Ray	СТ	MRI	IR Camera	Alfa
Non-Invasive	×	×	Without Contrast		
Analyzes Functional Physiology	×	×	Rare	×	
Minimizes System-Born False Positives/Negatives	×			×	
Easily Demonstrate Efficacy & Low-Risk to Patient	×	×	1		<b>₹</b>
Detects Dysfunction before Disease	×	×	×	Rare	
Objectively Generated Reports	×	×	×	×	
Clarifies Cause	×	X	×	×	
Gastroenterological Disorder Differentiation			Limited	×	Functional Analysis
Breast Disease, Cancer Staging	Limited	×	<b>*</b>	Non- Functional	Functional Analysis

## Clinical Screening Technologies Benefits Comparison (cont'd)



	X-Ray	СТ	MRI	IR Camera	Alfa
Cognitive Disorders, Neurology	×	×		×	Functional Analysis
Post-Breast Cancer Prognostics	Limited	×	L <mark>imite</mark> d	×	Functional Analysis
Cardiology	<b>⊘</b>	$\sim$	×	×	Functional Analysis
Urology/Nephrology	×	$\bigcirc$	<b>~</b>	×	Functional Analysis
Thyroid Disorders	With Isotope	×	×	×	<b>₹</b>
Environmental Toxicology: Toxic Exposures	×	×	If Used Functionally	×	Functional Analysis
Post-Traumatic Stress Disorders	X	×	If Used Functionally	×	Functional Analysis
General Immune Dysfunction	X	×	×	×	<b>₹</b>
Pre-Diabetes and Metabolic  Dysfunction	X	×	×	×	Functional Analysis
Cost	<b>\$\$</b>	<b>\$\$\$</b>	<b>\$\$\$</b>	\$	\$

## Medical Advisors



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