THE EIS – A NEW MEDICAL DEVICE AIMS TO IMPROVE HEALTHCARE EXPERIENCE THROUGH SAFE, NONINVASIVE ELECTRO INTERSTITIAL SCANS

FOR IMMEDIATE RELEASE

French medical biosensor device now available in North America offers 5-minute, safe, noninvasive scans with no side effects and no adverse reactions, in order to provide healthcare practitioners with immediately available, scientific assessments of the interstitial tissues and interrelated data used in:

- calculating the acid-base status of the patient’s body;
- incredibly accurate biochemical, hormonal, and neurohormones estimates;
- measuring the functional status of 37 internal organs, on a basis of 69 parameters;
- graphic representations of conductivity of the interstitial liquid specific of dysfunctions;
- color coding and modeling of organ dysfunctions;
- reflection of cellular mitochondrial activity and of organic enzymatic activity;
- reflecting interstitial pH, interstitial O₂, interstitial CO₂, and ATP;
- providing interstitial Ionogram;
- computing Body Mass Index values,
- computing Body Composition values;
- providing organ system and health risk analysis in five tiered levels;
- shows color-coded diagrams of Auriculotherapy and Acupuncture points;
- built-in software interface for biofeedback evaluations and treatments;
- and, at the push of a button:
  - generate 3-D, dynamic on-screen models,
  - 2-D on-screen graphs,
  - 2-D on-screen charts,
  - hard copy editable text reports.

Miami, FL – March 15, 2008 – Hundreds of millions of people worldwide who suffer with chronic illnesses, from diabetes to high blood pressure and heart disease to cancer, as well as billions of people who are concerned
about their present health maintenance and long-term well-being could benefit from an LD Technology, LLC, effort aimed at internationally distributing its health-related devices to practitioners, clinics, hospitals, and research institutes at prices under $21,000 US.

In February 2007, LD Technology established a U.S. manufacturing and distribution base in Coral Gables, Florida; shortly thereafter, the French company relocated to the heart of Florida’s international business metropolis in Miami. On March 15, 2008, LD Technology announced the availability of its EIS Pro Medical Device Model and the soon-to-be-released, FDA Approved, 2nd Generation EIS Series. This U.S. team, made up of widely-diverse member entities including LD Teck Sales, Inc., medical doctors, chiropractors, naturopathic doctors, and natural health professionals from around the country, is making available the most powerful medical measuring device in the world – a device that is presently fit to serve virtually every medical discipline in North America (and the world, as a matter of fact).

Fields of practice that recognize an immediate benefit through employment of the EIS transcend the common divisions found in medical world. By virtue of the EIS and modern functional medicine practitioners, the Great Divide separating mainstream (conventional allopathic) medicine from complementary and alternative medicine (CAM – natural health and naturopathy) in the United States is now bridged with a common tool – the EIS – and common language. The fields of practice benefiting from the EIS include virtually all disciplines:

- Andrology
- Auricular Acupuncture
- Bioenergetic medicine
- Biofeedback therapy
- Cardiology
- Chiropractic
- Dentistry
- Endocrinology
- Gastrology
- General medicine
- Gynecology
- Homeopathy
- Hypnotherapy
- Laboratory technology
- Massage therapy
- Naturopathy
- Nutrition
- Oncology
- Pain relief therapy
- Pediatrics
- Pharmacy
- Psychiatry
- Psychology
- Somatic Acupuncture
- Sports medicine
- Therapeutic practice
- Urology

Clinical Applications include but are not limited to:

- Neurologic disorders in adults and children (Depression, ADHD)
- Detect depression marker
- Detect bipolar marker
- Detect unipolar marker
- Screening for stress factors related to erectile dysfunction (ED)
- Screening for psychological disorders related to ED
- 3-D modeling of neurovegetative system
- Screening for psychological disorders causing issues
- Conventional cardiovascular disorder screenings
- Microcirculation estimates
- Noninvasive therapeutic follow-up of cardiovascular treatments and adjustment of drug doses
- Screening for stress factors related to medical issues
- Bone density estimations
- Lactic acid evaluations
- Visualization of muscular excitability
- Visualization of Pain
- Visual representations of organs in 3D graphics
- Estimate muscular strength
- Obesity with Type II Diabetes
- Screening for hypothyroidism
- Screening for Type II Diabetes
- Screening for bladder disorders
- Screening for prostate disorders
- Screening for renal disorders
- Lifestyle and Nutritional Advice
- Conventional screenings for digestive disorders
- Estimate neurohormones statuses
- Estimate neurotransmitters statuses
- Functional analyses and measurements of different organs
- Assistance to doctors in diagnosis and targeting supplementary examinations
LD Technology, the world’s leader in biosensor technology, manufacturers the only patented medical device on Earth that measures in vivo the interstitial fluid using direct current. The device, The Electro Interstitial Scan (EIS) System, weighs less than 2 pounds and connects via a single USB port to virtually all modern personal computers (and is perfectly designed to work with laptops using Microsoft’s XP or Vista operating systems).

The EIS device is based on over 60 years of research and is supported by more than 6 years of clinical testing and trials. The EIS represents a dramatic advance in today’s noninvasive healthcare technology. The EIS was invented in France by French physician Albert Maarek, M.D. (neurologist). It became available to medical practitioners just after the turn of this century, in France in 2001, in Russia in 2002, throughout Europe in early 2003, in China and parts of Asia in 2004, in Mexico and South America in 2005, in North America in 2007, and in South Africa and Australia in early 2008.

The benefits of the EIS, consequently, as you can see by all of the information supplied above, include but are not limited to:

- Compliance by patients is increased and supported through visualization models appearing in the EIS
- Visualization of lifestyle benefits and consequences
- Visualization of dietary practices' benefits and adverse effects
- Visualization of nutritional supplementation benefits and adverse effects
- Accurate functional control measurements
- Immediate study of treatment effectiveness and side effects
- Immediately view biofeedback effects on neurovegetative system
- Visualization as to where ischemia and/or vasoconstriction causes pain in tissue
- Provide immediate post-procedure effects data on biochemical values
- Provide immediate post-procedure effects data on neurovegetative system
- Therapeutic follow-up for hormonal thyroid treatment and adjustment of drug doses
- Follow-up of drug treatment for sterility and treatments causing sterility
- Follow-up study of possible side effects from contraceptive pills
- Aid in the research of homeopathic remedies
- Increased understanding related to the use of remedies
- Study of specific remedy implications in physiological tissue
- Study of specific remedy implications microcirculation parameters
- Visualization of the therapies and methods
- Noninvasive biochemical comparison studies
- Macro-nutritional support
- Micro-nutritional support
- Provide 3-D modeling for visualization of body areas suffering in pain
- Early visualization of effectiveness and side effects of chemical agents
- Follow-up study of chemical agent effectiveness and side effects
- Visualization of the results immediately following treatment
- Immediate evaluation of development/recovery routine effectiveness and consequences
How it works. Twenty-two (22) measurements of bioelectromagnetic impedance are taken in a variety of locations of the body in the interstitial liquid. This interstitial liquid is located outside the membrane of the cell and is not influenced by different chemical buffers, as is blood. Measurements in this compartment of the body give a true reflection of cellular activity; hence, an organ’s activity is quantifiable.

Bioimpedance or electrical scanning of the body was established scientifically in the 1940s. It is now used in major medical centers and research facilities for lean mass fat mass ratio analysis, in T-scan tomography, biofeedback, and in thoracic impedance analysis. Low voltage direct current (D.C.) is known to pass through only interstitial fluid in the body. The EIS system is a biosensor that analyzes the interstitial fluid locally in vivo by application of a D.C. current between cutaneous zones using electrodes, as stated hereinafore.

In use, the EIS introduces electric signals of low intensity (1.28V D.C.) through the human body via 6 electrodes. This is painless and has no negative effects to the patient. The scanned results are recorded by the EIS software which subsequently analyzes and interprets the test results; and, then, produces a variety of informative models, graphs, and text data for interpretation by a medical practitioner.

The EIS gives a comprehensive overview of the reactions of the body. Many different 3-D models of the full body and various different parts of the body are created, based on the electro interstitial gram (EIG), also known as a scangram. The models are color coded to indicate where areas of imbalance are hyper-functioning or hypo-functioning. The EIS provides report screens that show interstitial biochemical values and an evaluation of body composition including lean mass, fat mass, and hydration data. Measurements are further extrapolated to provide report screens with hormone, electrolyte, neurotransmitter, and oxidative stress analyses. Assistance is also provided to the practitioner with suggestions for further medical tests for the patient, personalized diet, and micro-nutrition, vitamin, gemmotherapy, and trace element (oligotherapy) advice. No pharmaceutical agents are suggested, though.

After any treatment is instituted, follow-up visits and tests can monitor treatment effectiveness; and, any side effects during treatment and patient recovery can also be (immediately) monitored. The system is free of practitioner input and bias that can affect earlier bioelectromagnetic medical systems. Since L D Technology is making all versions its EIS Systems available in North America for less than twenty one thousand dollars, and since an electro interstitial scan requires only 5 minutes of patient time and, perhaps, even less time to interpret by a physician, this noninvasive, safe medical technology is also extremely affordable to (both doctor and) the patient(s). Nationwide, scans range from $55 to $125; interpretations range from flat-fees of $10 to consultations at $150 per hour.

Before reaching the U.S. marketplace, the EIS was calibrated using over 20,000 clinical study tests from individuals and subsequent tests from patients with a wide-variety of pathologies. Some of the testing facilities included:

- Botkin Hospital - studies validated algorithms for cardiovascular, respiratory, digestive, endocrine, and neurological pathologies.
- Beijing University Hospital - tests validated algorithms in oncology screening and therapeutic monitoring.
- Gustave Roussy and St Louis Hospitals, Paris - tests were performed to validate algorithms for oncological monitoring in patients aged between 16 months and 4 years, and andrology.
- Harvard Medical School – Bipolar, ADHD, unipolar, depression tests

The latest clinical tests in 2007 showed that follow-up is reliable and diagnostic EIS results are accurate, when compared to conventional examination results.

The EIS is in use in more than 25 countries, approximately 6,000 tests are made every day, and doctors, hospitals, and practitioners that use the device daily have always given very favorable feedback. This device is
ISO 9001 approved and has European regulatory approval CE 0459. Approvals have also issued in Israel, Korea, China, and Canada. This patented medical measuring technology has no competitor.

NOTE TO EDITORS:
Media assets (stills and video) to accompany stories about LD Technology and The EIS System are available on LDTeck-Sales.com, or by phone contact (800) 516-1585.
http://www.ldteck-sales.com

PRESS CONTACTS:
North America
East Coast:    Dr. Anthony Speroni
               +1 407-349-5100
               Anthony@ldteck-sales.com

Mountain:     Dr. Denny Thompson
               + 1 303 823 5966
               Denny@ldteck-sales.com

West Coast:   Ryan Williams
               + 1 805 284 5213
               Ryan@ldteck-sales.com