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[www.senseanalyte.com](http://www.senseanalyte.com) (Under Construction)

## Company Profile

**Industry Sector:** Medical Devices

**Company Overview:** SenseAnalyte is a medical technology company developing minimally invasive devices for diagnostics and health care markets. Currently it is operated as a subsidiary of Guided Therapeutics (GT). GT's core competency is in the products that company developed around its leading-edge bio-photonics, point of care detection and monitoring technology. Our technology uses light and spectral energies to develop painless alternatives to blood and tissue based procedures. We are providing innovative detection and monitoring solutions for the healthcare market. GT is currently developing a rapid and painless test for the early detection of disease that leads to cervical and Barrett's Esophagus cancers. We are developing several programs for the measurement and monitoring of physiological analytes and biomarkers in ISF (Interstitial Fluid). Our ISF technology has been adapted to address several medical problems by providing minimally invasive means to measure biomarkers in ISF and allowing therapeutic drug monitoring thereby providing a superior tool for researchers and clinicians. Through careful planning, we anticipate we will be able to grow this entity into a successful standalone business.

## Key Value Drivers

**Technology:** CortiSense™, our first product, is a diagnostic tool capable of rapid measurement of cortisol levels in interstitial fluid (ISF). This device is capable of measuring levels of cortisol in a quantitative and reliable manner. Our technology allows harvesting of ISF from micropores created in stratum corneum (SC) using a minimally invasive method that utilizes low energy IR laser.

**Competitive Advantage:** None of the currently available methods provide rapid or real time monitoring of cortisol levels in ISF or saliva. Current methods of measuring levels of cortisol is done by sending the samples to a commercial laboratory, where they use expensive equipment which requires extensive and sophisticated analysis procedure. To date no portable or low cost equipment exists for measuring levels of cortisol in ISF or saliva. Most of the saliva based methods are at a disadvantage because salivary cortisol is found in low concentrations and patient compliance is needed for collecting samples. We will have a pioneering technology that will for the first time allow sample collection without compliance, measurement of nighttime minimum and post-awakening daily levels of cortisol in ISF thereby offering higher sensitivity than saliva. Our Cortisol product is particularly promising for the US Army, DOD, Endocrinology applications, Sports and Exercise programs, Type 2 diabetes monitoring, Health and Obesity programs, psychosocial stress monitoring applications and much more.

## Management

### Leadership:

Manju Venugopal, Project Manager and Senior Scientist

### Scientific Advisory Board:

Manju Venugopal, Ph.D: Senior Scientist  
 Gregory Meyer, Research Scientist

## Product Pipeline

