



TAT-5000 Temporal Artery Thermometer with Silver Ion Antimicrobial Head

Taking a temperature with a light stroke across the forehead, the TemporalScanner provides an innovative method of temperature assessment based on infrared readings of temporal artery blood flow. The TemporalScanner is fast, accurate, easy to use and even gentle enough to use on a sleeping patient. It is non-invasive and can be used for all patients – newborns through geriatrics.

Simply a Better Way to take a Patient's Temperature

INNOVATION

In addition to providing gentleness for patients, ease of use, and accuracy for clinicians, the Exergen Temporal Artery Thermometer is the only thermometer with an Antimicrobial Head manufactured from a material fully impregnated with silver ions that are released through a unique and controlled ion exchange process.

HOW IT WORKS

Effective Against Microbes — Laboratory tests demonstrate the controlled release of silver ions from the sensor head provides continuous antimicrobial protection for more than five years. The antimicrobial compound works proactively against a broad spectrum of bacteria, fungi and other microbes. In laboratory studies, this has been proven to reduce bacteria on the treated product by as much as 99.999%, or 5-log reduction.

Kills even the most resistant bacteria strains —

Laboratory tests show that Methicillin-resistant Staphylococcus aureus (MRSA) and Vancomycin-resistant Enterococcus (VRE) are reduced by over 20% in ten minutes, and to undetectable levels in 6 hours.

Antimicrobial Resistance - Unlike 'organic' based antimicrobial agents commonly found in antibacterial soaps, Silver has not been shown to contribute to the creation of super bugs, as has the overuse of antibiotics and other antibacterial agents.

WHY SILVER?

Silver has been used in medicine since 4000 BC, is a well-established broad-spectrum antibiotic with no known association with drug resistance, and is completely safe for human use. Studies have demonstrated the acute toxicity of the antimicrobial compound used to be less toxic than ordinary table salt.

PATIENT CARE BENEFITS

More than 25 peer reviewed published studies have demonstrated the Exergen temporal artery thermometer to be more accurate than ear thermometry, and offers accuracy comparable to the Gold Standards of pulmonary artery catheters, esophageal probes, rectal temperature on a stable patient, and rectal temperature when compared over time, and to outcome. Currently, more than 60% of the hospitals in the United States are using the Exergen temporal artery thermometers, many of which have standardized on this method throughout their entire facility for all their patient populations.

FISCAL BENEFITS

A 90% cost reduction is provided because disposable covers are optional, as an alcohol or other disinfectant wipe can be used between patients. Resposable covers are available for certain patients, which can be reused on the same patient.

Further, the Lifetime Warranty, unique to thermometry, completely protects the entire instrument, and eliminates spare parts storage, biomedical engineering labor, and all repair charges



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