

NANOSONICS COMPANY AND TECHNOLOGY

The Company

Nanosonics (ASX:NAN) is a leading medical technology company headquartered in Sydney, Australia, with its United Kingdom operations based in Huddersfield. The company was founded in 2001 and listed on the Australian Securities Exchange in 2007.

Nanosonics is one of Australia's largest medical technology companies and a recognised leader in the global infection control market. Its mission is to improve the safety of patients, clinics, their staff and the environment by transforming the way infection prevention practices are understood and conducted, as well as introducing innovative technology that delivers improved standards of care.

The company develops infection prevention solutions including the trophon[®] EPR system, which was the first major innovation in high level disinfection for ultrasound probes in more than 20 years. Nanosonics has now launched its trophon[®]2 second generation system, offering the latest innovation in ultrasound probe high level disinfection and functionality to further advance ultrasound probe decontamination.

Nanosonics employs more than 225 people across the United Kingdom, France, Germany, Australia, Canada and the United States. The company has a highly experienced team of professionals committed to providing high level disinfection solutions for ultrasound probe use and has developed a deep understanding of customer needs for infection prevention.

Nanosonics has an active R&D program currently developing a range of new innovations for infection prevention

trophon[®] Technology

trophon technology created by Nanosonics, offers a state-of-the-art solution for reducing the risks of cross contamination between patients and reducing the spread of healthcare acquired infections (HAIs).

trophon technology protects patients: The automated trophon system generates a sonically activated, supercharged hydrogen peroxide (H₂O₂) mist that kills drug-resistant bacteria, fungi and viruses. trophon efficacy goes further and the technology is proven to eliminate an extended range of clinically infectious pathogens that other high level disinfection products do not. This includes sexually transmitted infections (STIs), drug resistant bacteria and *Clostridium*

difficile spores.* In fact, trophon was the first high level disinfection system in the world proven to kill native, infectious, high-risk Human Papillomaviruses (HPV).¹

trophon technology protects the environment: trophon is also an environmentally friendly solution for high level disinfection. After disinfection, residual hydrogen peroxide is broken down primarily into water and oxygen. The water can be simply disposed of by pouring down a sink. The disinfectant cartridges are recyclable and the system has more than 70% recyclable components.

trophon technology protects staff: trophon is a sealed system which helps prevent exposure to hazardous chemicals, fumes and spills. This also means it can be used at the point of care where ultrasound is performed, greatly enhancing workflows.

trophon technology is tested for compatibility with more than 1,000 different probes across all major ultrasound companies.

In addition to all trophon technology benefits, the new trophon2 features AcuTrace™ technology to simplify the creation of accurate digital records to increase audit-readiness. The system can also be upgraded to AcuTrace™ PLUS, enabling integration into hospital information systems and patient electronic medical records.

More information can be found at www.nanosonics.co.uk.

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References

1. Ryndock E, Robison R, Meyers C. Susceptibility of HPV16 and 18 to high level disinfectants indicated for semi-critical ultrasound probes. J Med Virol. 2016;88(6):1076-80.

*Nanosonics internal testing data