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Company Announcements Office
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Japanese clinical study demonstrates significant ultrasound probe contamination

Nanosonics (ASX: NAN), a leader in infection control solutions, today announced the results of a Japanese study demonstrating significant ultrasound probe contamination.

The study investigated the level of bacterial contamination on transvaginal ultrasound (TVU) probes following standard probe cleaning at a university hospital (site A) and a clinic (site B).

Over 90% of probes were found to be contaminated at both site A and site B. Of the contaminated probes, over 50% at each site were found to harbour potentially pathogenic bacteria including methicillin resistant *Staphylococcus aureus* (MRSA).

No data or regulations exist about residual bacterial contamination of TVU probes in Japan and currently gynecologists use probe covers and simple dry paper towel cleaning with or without low-level disinfection (e.g. wipes moistened with alcohol or quaternary ammonium compounds).

The outcomes of this study will be presented at the Japanese Society of Obstetrics and Gynecology (JSOG) in Nagoya in April and have been submitted for publication in the Japanese Journal of Medical Ultrasonics.

“The outcomes from this first study in Japan are consistent with similar studies conducted in other countries” said Michael Kavanagh, Nanosonics’ Chief Executive Officer and President. “A second study is planned for this half to evaluate the efficacy of trophon in the Japanese clinical setting. Studies such as these are important as we work towards establishing the necessary independent data to support the appropriate disinfection of ultrasound probes in Japan.”

Michael Kavanagh
CEO / President

For more information please contact:

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About Nanosonics

Nanosonics Limited is developing a portfolio of decontamination products designed to reduce the spread of infection. The Company owns intellectual property relating to a unique disinfection and sterilisation technology which can be suited to a variety of markets. Initial market applications are designed for the reprocessing of reusable medical instruments. The Company's first product is designed to disinfect Ultrasound Transducers. For more information about Nanosonics please visit www.nanosonics.com.au