

1 December 2017

Company Announcements Office
Australian Securities Exchange

European Society of Radiology releases best practice recommendations for infection prevention and control in ultrasound stipulating High Level Disinfection as mandatory

Nanosonics (ASX: NAN) advises that the European Society of Radiology has issued best practice recommendations for the decontamination of ultrasound probes. These recommendations result from an initial study by the society which identified a wide range of practices amongst European ultrasound practitioners and the need to raise awareness regarding the importance of infection prevention and control measures.

The publication, "Infection prevention and control in ultrasound – best practice recommendations from the European Society of Radiology Ultrasound Working Group" <https://link.springer.com/content/pdf/10.1007%2Fs13244-017-0580-3.pdf>, highlights the risk of cross contamination associated with ultrasound procedures when appropriate cleaning and decontamination practices are not followed.

The best practice recommendations from the group state that "Any equipment in direct patient contact must be cleaned and disinfected prior to first use and after every examination." The recommendations go on to state that "Low level disinfection is sufficient for standard ultrasound on intact skin. For all other minor and major interventional procedures as well as all endocavity ultrasound, high level disinfection is mandatory." The group also stressed that this best practice needs to be incorporated into local guidelines.

Comparing different methods of decontamination was not part of the scope of the recommendations however automated systems were presented as most favourable due to their ability to deliver a standardised and reproducible decontamination process thus avoiding operator associated errors or variations. The trophon system from Nanosonics was presented positively as a favoured automated system due to its use of hydrogen peroxide.

"This new guidance provides further evidence of the increasing international awareness of the importance of ultrasound probe decontamination to minimise the risk of cross contamination and improve patient safety," said Michael Kavanagh, Nanosonics' Chief Executive Officer and President. "Having the peak body for the European radiology community release this guidance is an important driver to ensure that where local guidelines do not exist or don't represent best practice, they need to be developed or updated to comply with what is now becoming international best practice."

Michael Kavanagh
CEO / President

For more information please contact:

Michael Kavanagh, CEO / President or McGregor Grant, CFO, on (02) 8063 1600

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