

## Customer Information Notice: CIN181

### Ultrasound Probes compatibility and microbiological efficacy with the trophon<sup>®</sup>3 device

The trophon3 device is equivalent to the trophon2 device with respect to form, fit and function, while offering a 4 minute high-level disinfection cycle time and new user features compared to the 7 minute cycle of the trophon2 device.

The trophon3 device leverages the same core technology as other trophon family\* devices of sonically activated hydrogen peroxide.

***All trophon family devices share equivalent critical parameters and therefore provide equivalent microefficacy.***

***All ultrasound probes currently approved for use with the trophon2 device remain compatible with the trophon3 device.***

Refer to the trophon compatibility list on the Nanosonics website to confirm probe compatibility.

\*The trophon family includes trophon EPR, trophon2 (including trophon2 plus software upgrade) and trophon3 devices

### **Dimensional compatibility**

There are no mechanical changes introduced in trophon3 compared to the trophon2 device. The core technology components, including chamber size and probe clamp design remain the same in the trophon2 and trophon3 devices.

### **Disinfection cycle profile**

The trophon3 4 minute disinfection cycle has been achieved by optimising non-critical operational cycle parameters while maintaining equivalent critical disinfectant parameters.

### **Probe material compatibility**

The trophon3 device utilises identical disinfectant (35% hydrogen peroxide) and equivalent disinfectant amount to trophon2 device. As total cycle time and hence exposure to temperature has been shortened, material compatibility remains equivalent to trophon2 device.

### **Microbiological efficacy**

Microbiological disinfection efficacy for the trophon3 device has been validated to demonstrate high-level disinfection according to relevant guidelines and regulatory standards. In addition, the trophon3 device shares the same core trophon technology and has equivalent critical parameters to trophon2 and trophon EPR devices. Therefore, all trophon technology devices are equivalent in terms of high-level disinfection efficacy.

### **Residual levels**

The residual disinfectant level in the trophon3 device has been validated to be under the required safety level limits and are equivalent to the trophon2 device.

Should you have any questions related to probe compatibility, microbiological efficacy, or device specifications, please contact your local Nanosonics representative.