Nanosonics Superuser Network – user's experience

PRESENTED BY

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Igniting an interest

- Taking on the role of decontamination & infection control lead

- Writing infection control protocols specific to the Ultrasound department

- Attending the 'Nanosonics Decontamination of Ultrasound Probes' study day

- Two key messages:-

  - 1) the need for education and support to enable best practice

  - 2) the importance of tracking and traceability

Need for change

- Inadequate audit processes or procedures in place

- Formal training on the TROPHON 2 was not mandatory

- Colleagues were training each other without any real understanding

- Training records were not being regularly updated

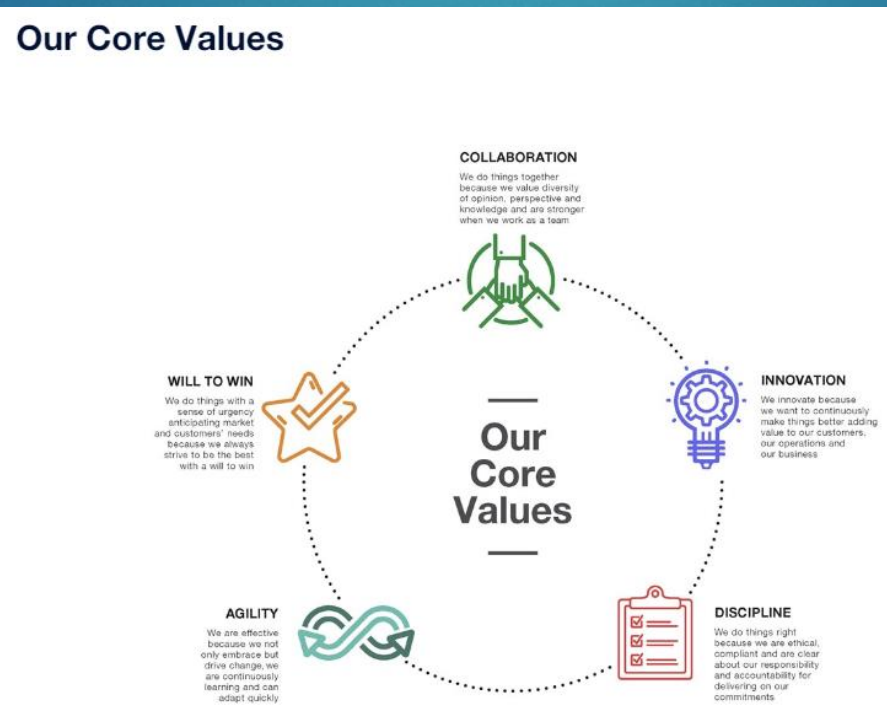- Surface probes were not being de-contaminated according to best practice guidelines

The need for change to improve standards was clear!

The role and purpose of a super user

- To have a greater understanding of the basic functions of Trophon2

- Deliver cascade training to other staff using a standardised pro forma

- Ensure the equipment is safe for use

- Carry out first line troubleshooting of basic faults

- Ensure equipment is periodically tested

- Maintain record keeping relating to Trophon2 including testing and maintenance records; staff training records; logbooks, audits etc

- Be a direct link to the Nanosonics team and their service and relay any relevant educational topics to other staff

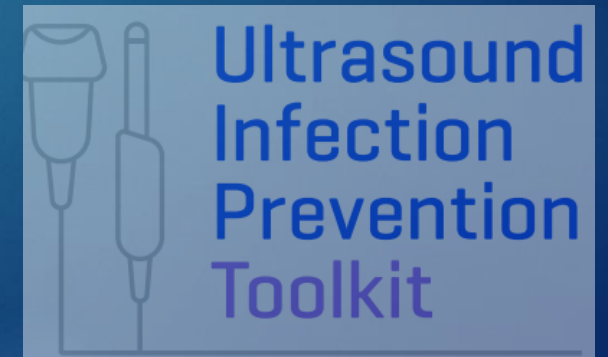- Attend monthly zoom meetings with other members of the Super User network

OUR MISSION: We improve the safety of patients, clinics, their staff and the environment by transforming the way infection prevention practices are understood and conducted, and introducing innovative technologies that deliver improved standards of care.

Support

- Ongoing support for operators after installation

- Providing strategies and solutions to mitigate against decontamination and infection risks

- Monthly Super User Team meetings

  - Promotes a culture of continuous learning and education

  - Topical discussions and presentations

  - Quality Improvement suggestions

- Ultrasound Infection Prevention Toolkit
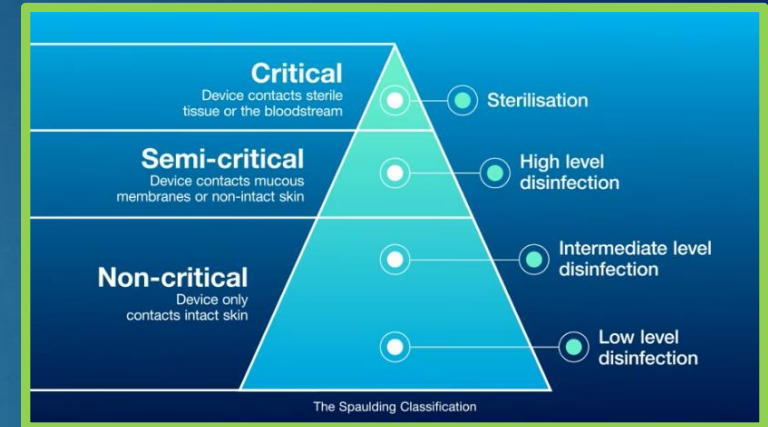
- Assistance with local departmental training

Ultrasound Infection Prevention Toolkit

Education

- Study day in Dublin – September 2023
- Documents were supplied to educate, support and improve our service
  - SOP's
  - Audit tools
  - Spaulding classification information

- Development of new, more detailed departmental SOP's
- Design of a simplified, accessible Probe Care Poster based on the Spaulding Classification
- Development of audits ensuring our ultrasound probes are being cleaned and decontaminated in line with best practice guidelines

Training

- Additional in-depth training of TROPHON2:-

  - Enabling me to support my colleagues using this technology

  - Trouble-shoot simple issues thus preventing down-time and service delay

  - This allowed me to cascade the training down to other staff members using a standardised TROPHON2 training, evaluation and assessment pro forma also designed by NANOSONICS

It is now mandatory that all users are trained on the Trophon2 annually and new staff are trained prior to operating

Quality improvements

Retain the Chemical Indicator following a passed cycle and insert it underneath the Trophon2 label in the logbook

Stumbling blocks

1) Time

2) Adherence to protocols

3) Audit

Conclusion