

# CLEANING EFFIECACY OF ULTRASONIC



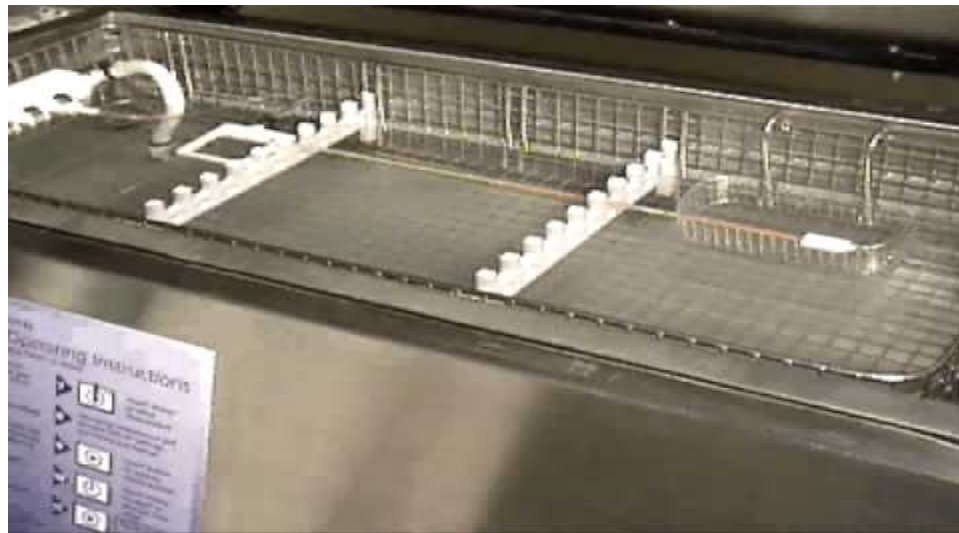
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FIONA MCAULEY

SKILLVEC FETAC Level Five

# CLEANING EFFIECACY OF ULTRASONIC IRRAGATORS

TODAY'S ADVANCE SONIC CLEANERS  
HAVE THE ABILITY TO IRRIGATE  
LUMEN/HOLLOW R.I.M.D'S





# EN Standard 15833

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- The ultrasonic cleaner is subjected to periodic testing in accordance with EN ISO 15833

# 2010/11 HSE RECOMMENDED PRACTICES

- Specifies EN 15883 parts 1,2, & 5
- WEEKLY cleaning Efficacy testing - residual soil detection
- QUATERLY - cleaning efficacy testing

# Project: Review Practices in CSSD.

## Are we testing as per standards?

### Findings



- DEPT ROUTINELY TESTING SONIC ENERGY
- EFFICACY TEST ONLY CARRIED OUT QUATERLY BY TEST PERSON.



# WHAT HAPPENED NEXT

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- o REPORTED FINDING TO LINE MANAGER & AGREED ON ACTION PLAN
- o BEGAN TO RESEACH AVAILABLE TESTS



# IMPLEMENTING QUALITY ACTIVITY

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- DEVELOP
  - STANDARD OPERATING PROCEDURE FOR EFFICACY TESTING & FREQUENCY - FIRST CYCLE OF EACH WEEK
  - STAFF TRAINING PROGRAMME FOR ALL CURRENT AND NEW STAFF
    - In-service
    - Competency testing
    - Staff training evaluation

# TESTING KIT SELECTED

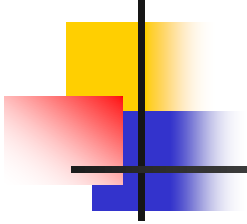


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- TOSI Lumcheck™ testing kit.
  1. Reflects protein and/or blood found on RIMD'S
  2. Easy to use, dismountable to check visually
  3. Immediate results
  4. Simulates cannulated RIMD'S
  5. Two applications-monitors both ultrasonic and washer disinfectors.
  6. Conforms to EN ISO 15883



# LUMCHECK™ TESTING KIT



# LUMCHECK™ ASSEMBLED AND DISASSEMBLED



# ELEMENTS COVERED STAFF IN-SERVICE



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- Assembling of test kit
- Placing of test kit in machine
- Dismantling of test kit
- What results to look for
- Visually inspecting results – pass / fail
- Recording & Reporting results
- Monitoring of results
- Trouble shooting
- Manufacturers' instructions
  
- COMPETANCY TESTING & STAFF RECORDS
  - Focus staff are aware of parameters when reading results

# STAFF TRAINING EVALUATION



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1. How did you find the training programme?
2. Did you understand the instructions?
3. Could you assemble and disassemble the testing kit easily?
4. Is there anything you found complicated when using this procedure ,if so please state.
5. Was the standard operating procedure easy to follow?
6. Is there anything you would have done differently?



# SUMMARY STAFF QUESTIONNAIRE EVALUATION

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- Well RECEIVED



# PROJECT EVALUATION

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- Cleaning Efficacy testing performed as per standards
- SOP in place
- Staff Training Programme
  - Training Lesson Plan in place
  - Competency testing and records for current and new staff
  - Post staff training questionnaire evaluation
- New practices monitored by line manager



# ANY QUESTIONS?

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