

Journey to Higher Level Decontamination for Transvaginal probes

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One team shared values



Who Am I

Caring at its best

- Appointed November 2016 pre CQC Inspection
- Ex -Clinical staff (ODP) 23 Years in theatre
- General Manager for Intensive Care ,Theatres ,Anaesthetic , Pain and Sleep – Looking at Resource , Equipment and Decontamination services.
- Manage Steris contract
- Decontamination Lead for the UHL – I protect the equipment whilst clinical staff protect the patients from Infection

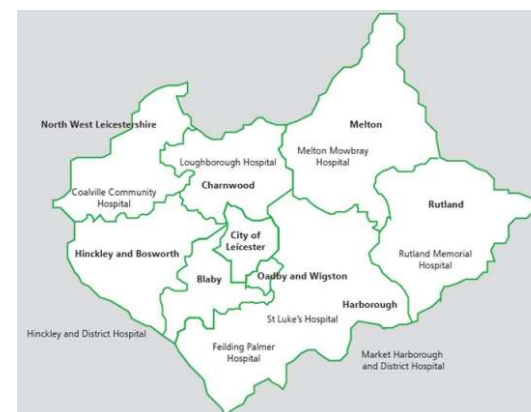
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Caring at its best

Who are we

- Cover Leicester and Leicestershire and Rutland approx. 2,084 km²
- Based over three main sites (UHL) and 4 community hospitals (Alliance)
- Busiest ED in Europe seeing 600-700 patients daily of which we admit approx. 90
- Employ 14,500 staff
- 1800 beds
- 50 Theatres
- Annual turnover £750 million
- Endoscopy based over 3 sites and Community areas
- Decontamination and Sterilisation of Instrumentation undertaken by Steris
- 200 Endoscopes of which




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What was the issue

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MHRA 2012



Medical Device Alert

Ref: MDA/2012/037 Issued: 28 June 2012 at 14:00

Device	
Reusable transoesophageal echocardiography, transvaginal and transrectal ultrasound probes (transducers).	
All models.	
All manufacturers.	

Problem	Action
The MHRA is aware of an incident where the death of a patient from hepatitis B infection may have been associated with a failure to appropriately decontaminate a transoesophageal echocardiography probe between each patient use.	Review, and if necessary update, local procedures for all ultrasound probes that are used within body cavities to ensure that they are decontaminated appropriately between each patient use, in accordance with the manufacturer's instructions.
The MHRA is issuing this alert to advise users to appropriately decontaminate all types of reusable ultrasound probes.	Ensure that staff who decontaminate medical devices are appropriately trained and fully aware of their responsibilities.

Action by
Trust decontamination leads. Healthcare professionals using these devices and staff responsible for reprocessing medical devices.

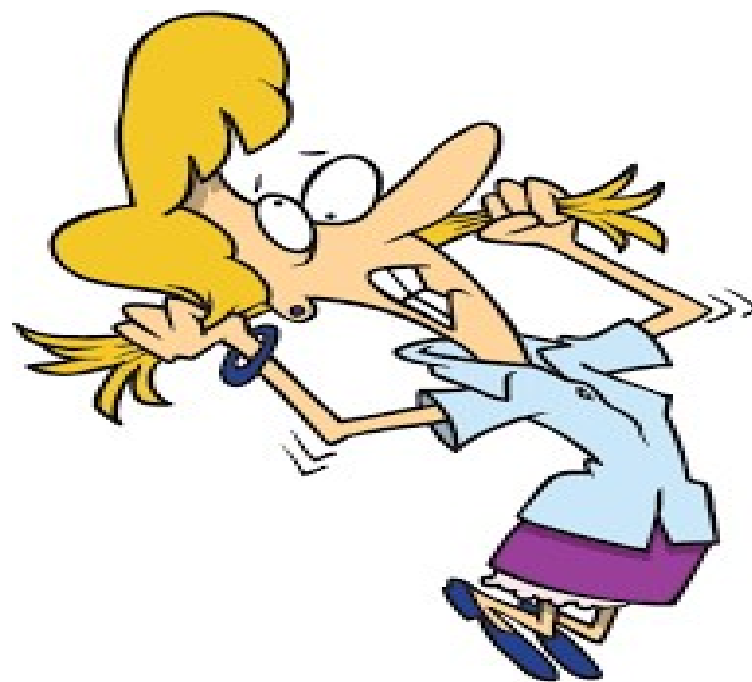
CAS deadlines
Action underway: 11 July 2012 Action complete: 19 July 2012
Note: These deadlines are for systems to be in place to ensure the actions are undertaken.



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How we view change in UHL



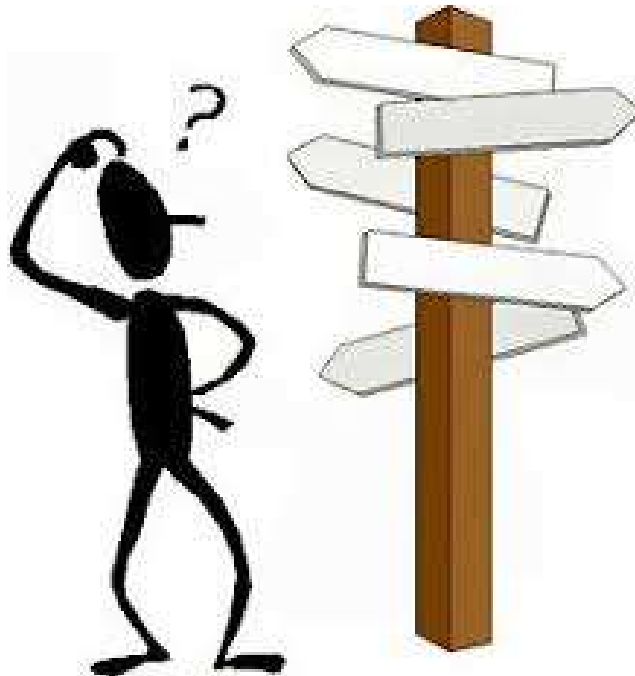
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How Decontamination was viewed

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Confused re Guidelines

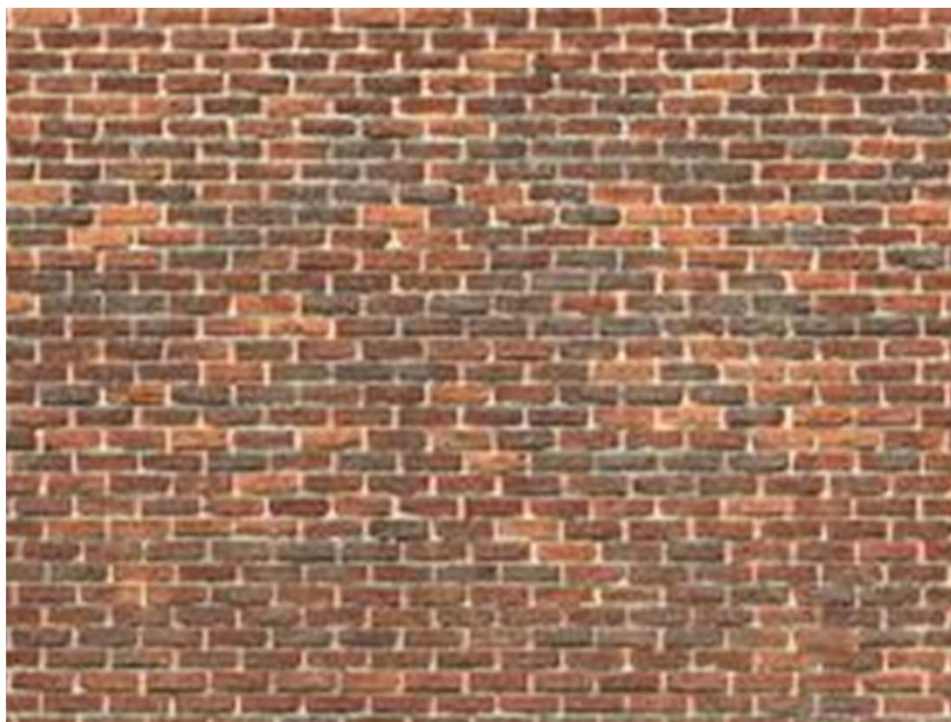


Hide from Decontamination ...
Not my issue



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So what happened ?

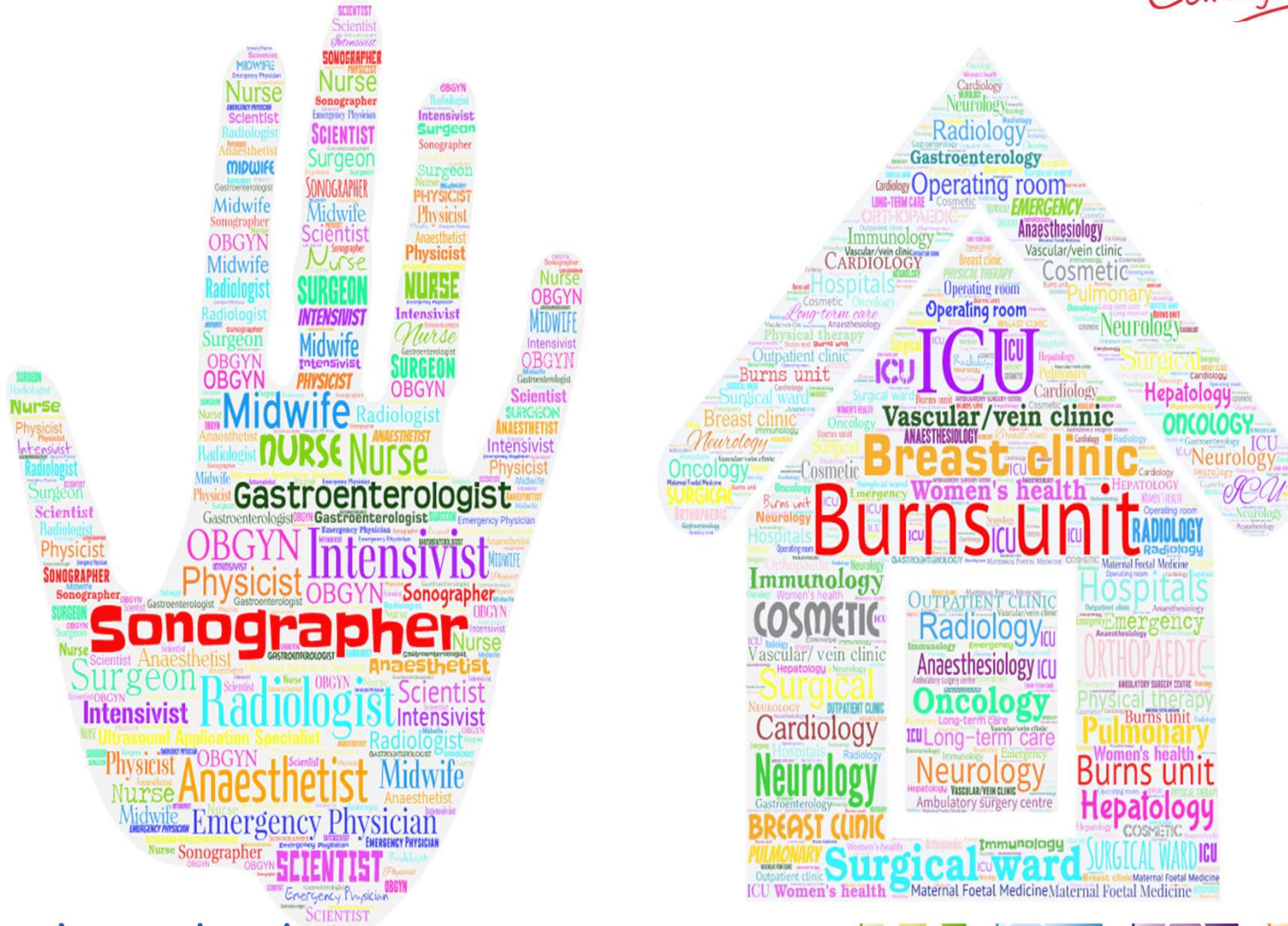
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Ultrasound use proliferation

Surveys highlight diversely qualified user groups in areas outside of traditional medical imaging areas

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What was current practice with transvaginal probes ?

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Education – Spaulding Classification 1939

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- Why change
- We haven't had issues
- Imagine the cost

	Spores	Non-enveloped Virus	Fungi	Mycobacteria	Bacteria	Enveloped Virus
Disinfection levels						
Sterilisation	✓	✓	✓	✓	✓	✓
High-level	Some	✓	✓	✓	✓	✓
Intermediate-level	X	Some	Some	✓	✓	✓
Low-level	X	Some	Some	X	✓	✓

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Solutions and Risks

Solution

- High Level Decontamination wipe



Risk

- Cost
- Training
- Time to do High Level Disinfection
- Space for Decontamination
- Extra staff

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Audit findings 2016

- Not doing High Level Decontamination
- No traceability
- No knowledge in clinical areas of MHRA

So we.....

- Put it on Risk Register and discuss at IP meetings

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So what has changed?

- Decontamination lead appointed Nov 2016 and works closely with IP lead
- Wanted something easy to use
- Tracking and Traceable
- Could be used within the patient area and was quick and easy



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Since using Trophon

- High level decontamination taking place on all transvaginal and trans rectal probes
- Removed from Risk register as have assurance and traceability of all probes
- Staff happy
- Reduced clinic wait
- Reduced cost for consumables as well as staff cost

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The Future ?

- Looking at Ultrasound probe Decontamination using the IP toolkit
- Half bottles of the Hydrogen peroxide to make it viable in low turnover units.
- Looking at new alternatives for flexible non lumened ultrasound to ensure tracking and traceability for the safety of our staff and patients
- UV technology - Soluscope (TOE)

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Thank you

Any Questions ?

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