



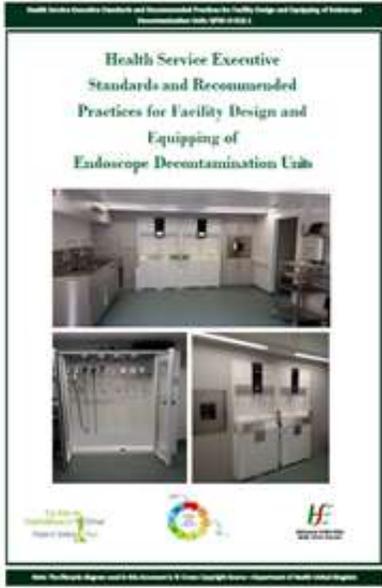
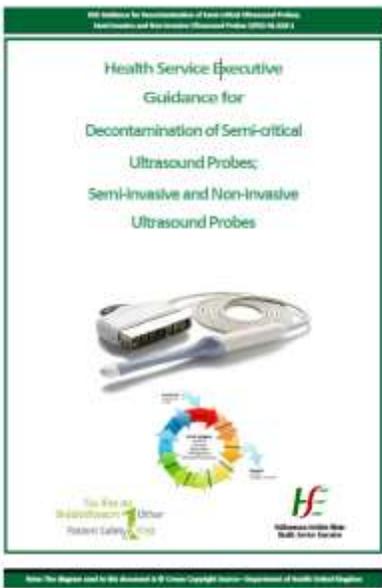
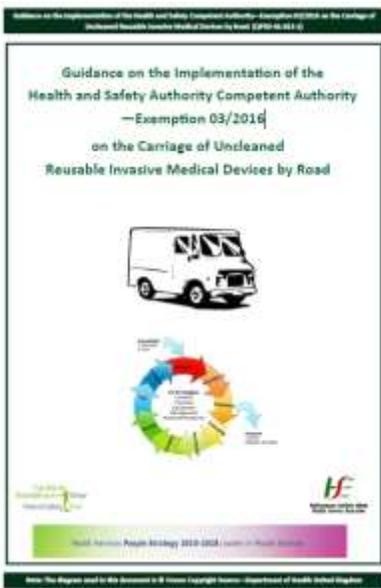
Quality Improvement Division
Decontamination Safety Programme
End of Year Report



Champion

- Provide information and evidence to support people working in practice and policy to improve care

The Decontamination Safety Programme published 3 documents in 2017 to support safe decontamination practice. “Guidance on the Implementation of the Health and Safety Authority Competent Authority — Exemption 03/2016 for the Carriage of Uncleaned Reusable Invasive Medical Devices by Road” was published in late December 2016. In January 2017 “Guidance for Decontamination of Semi-critical Ultrasound Probes; Semi-invasive and Non-invasive Ultrasound Probes” was published and in October 2017 Part 1 of a 3 part series, to support safe endoscope decontamination practice, “Standards and Recommended Practices for Facility Design and Equipping of Endoscope Decontamination Units” was published and circulated to all service providers.



All supporting documents cited in this end of year report are available for review on the Quality Improvement Division’s Webpage :
<http://www.hse.ie/eng/about/Who/QID/nationalsafetyprogrammes/decontamination/>

Partner

- work with people across the system - patients, clinicians, managers, national bodies to inform and align improvement

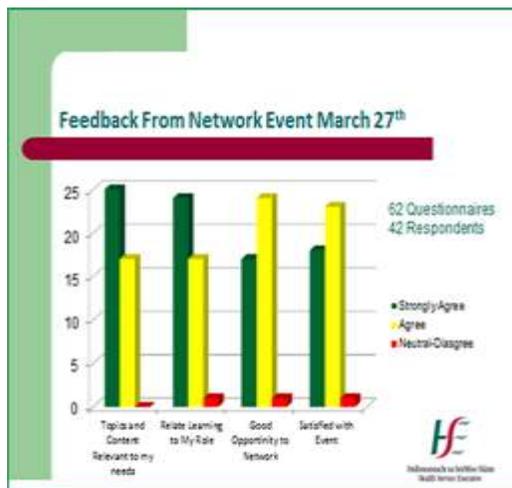


In February 2017, the CDU Team in Our Lady Hospital Navan under the leadership of Ms Dympna Fegan CNM2 and in collaboration with the National Decontamination Safety Programme became the first hospital, (that provide a decontamination service to another hospital i.e .Our Lady of Lourdes Hospital Drogheda), to achieve external accreditation to ISO 13485 with the NSAI. The National Safety Programme will work with other hospitals to support certification with Navan Hospital willing to share their learning to support the process.

Decontamination Safety Programme Network Event March 27th 2017

In March 2017 the National Decontamination Safety Programme held it first network event for HSE Decontamination Leads, Endoscopy Managers and CDU Managers in Dr Steeven's Hospital Dublin.

46 hospitals were represented with over 70 delegates attending. Speakers included HSE Procurement, Medical Device Management, HPRA, an introduction to Quality Improvement from Dr Philip Crowley and the principles of measurement for improvement from Paul Rafferty.



Based on the success of this network event, the Decontamination Safety Programme will extend the event to 2 days in Dr Steeven's Hospital on the 26th and 27th March 2018 . Each day will focus on one specific area, Endoscopy or Sterile services – Agenda to be circulated in Jan 2018. Places will be limited and include invitations to Private Hospital Decontamination Managers.



In March 2017 the Decontamination Safety Programme was invited to present to the Private Hospitals Association (PHA) CEO, DON and Quality Managers to support a collaborate approach to Decontamination Safety across all networks. The PHA have nominated a link person to the HSE Decontamination Safety Programme to facilitate dissemination of information and share learning and Quality Improvement initiatives with all stakeholders in the service.



Throughout 2017 HBS Procurement, the National Decontamination Safety Programme, the National Medical Device Equipment Advisor, Infection Prevention and Control representatives and frontline managers involved in the selection and use of decontamination equipment, have been working together to set up a dedicated portfolio for decontamination equipment with specifications meeting, national and European standards. Included on this portfolio are washer disinfectors, autoclaves, ultrasonic washers, endoscope washer disinfectors, endoscope cabinets, sinks, pass-through hatches, RO water systems, Ultrasonic Probe disinfection Systems and boxes for transport of used uncleaned medical devices by road.

In 2017 the National Medical Device Equipment Replacement project allocated 3.04 million to replace decontamination equipment and refurbish facilities across the service. Funding included 6 autoclaves, 6 instrument washer disinfectors and 8 endoscope washer disinfectors and facility upgrades in 2 hospitals.

Educate

- Build capacity for leadership and quality improvement through training programmes and education events.



In partnership with IT Tallaght, and Industry colleagues a blended learning Level 6 Minor Award in Endoscope and Surgical Instrument Decontamination have been running since 2015. To date over 220 students have either graduated or are in training. A new single award programme focusing on Ultrasound Probe Decontamination will commence at the end of Feb 2018. As part of the programme all students implement one quality improvement initiative in their organisation. Two students presented at the IDI in 2016 and 2017, sharing their learning and QI projects with other colleagues in the service. Feedback has identified high satisfaction, amongst 94% of students surveyed, regarding content meeting expectations, ease of access to lectures and ability to transfer learning into everyday practice. A follow up survey of students who had completed the Minor Award programme, at least one year prior to survey, identified increased levels of confidence in applying standards to work practices, confidence to question long standing practices and willingness to engage or support quality improvement projects in the workplace.

Demonstrate

- Share new ideas , test and develop ideas in practice and support the spread of sustainable solutions.



In January 2017 in collaboration with the RCPI Quality Improvement Diploma Programme, Ms Eilis Murphy, Ms Pauline Biggane, Caroline Conneely National Lead and the staff of the Decontamination Unit in the Children’s University Hospital Temple Street (TSCUH), explored the potential of using data from the National Tracking System to implement local continuous improvement in the reliability and efficiency of the decontamination process. Learning from this project identified the importance of using the 6 National Quality Improvement Framework Drivers to implement sustainable improvement. These drivers include,

- Governance for Quality Improvement
- Leadership for Quality Improvement
- Staff Engagement
- Measurement for Improvement
- Quality Improvement Methods
- Patient Engagement



<https://www.hse.ie/eng/about/Who/QID/Framework-for-Quality-Improvement/Framework-for-Improving-Quality-2016.pdf>

Other key messages centred on the importance of empowering frontline staff to engage with and co-designing the changes necessary to improve the process. The Team shared their learning at the IDI National Conference Nov 2017.



Learning from the TSCUH pilot site recognised the benefits of developing a Quality Improvement and Measurement Foundation Programme for Decontamination Services in 2017. This new programme has been funded by Dr Philip Crowley National Director of Quality Improvement. The first training programme commenced in Sept 2017 with quality improvement teams from 4 hospitals participating, including Naas General, the Coombe, University Hospital Limerick and Our Lady Children’s Hospital Crumlin all due to complete in Jan 2018. We are looking forward to the teams sharing their project outcomes with the wider Decontamination Community.

Following the success of the 1st Foundation Programme the second Foundation Programme will commence on 2nd of Feb 2018. We have 4 HSE hospitals and 1 Private hospital taking part supporting and developing capacity and capability in Quality Improvement Methodology across all services.

Champion

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A special acknowledgement should go to the excellent work relating to the testing and implementation of the Fingerprint electronic education platform in the Central Decontamination Unit AMNCH Tallaght under the leadership of Ms Jacinta Nolan –Burke Decontamination Lead. Quantitative data, measuring a reduction in non-conformances by 36% in some areas, demonstrates significant Quality Improvement potential for this system.

In addition the HSE requested input from the Royal Victoria Eye and Ear Hospital under the leadership of Ms Carol Gaskin and the Children’s University Hospital Temple Street under the Leadership to Mr Damien Doherty, to pilot the e Learning Platform in their departments. Significant improvements were demonstrated in specific areas over the short period of time that the system was trailed.

The QID and the National Tracking System Project Manager Ms Pauline Biggane and the National Medical Device Equipment Advisor are working on your behalf to make this valuable system available to all HSE staff and hope to have an update pending project agreement , by the end of Q 2 2018.

Proposed Work Schedule 2018

Publish Part 2 Endoscopy Commissioning Testing Document and Part 3 Operational Management	Q1- 2018 Q2 2018	Acute
Develop and run pilot Ultrasound Probe Decontamination Single Subject Award IT Tallaght	Q1- 2018	Acute
Run Minor Award for Primary Care	Q3- 2018	Primary Care
Develop and Test ISO Tool Box for Endoscopy	Q3 -2018	Acute Services
Network Event Endoscopy Decontamination Leads	Q1- 2018	Acute
Roll out e Learning and Community of Practice Pending Agreement	Q3- 2018	Acute

Note: Both the Endoscope and Surgical Instrument Minor awards will continue to run indefinitely, with the next intake of students planned for Sept 2018. Local hospital funding must be requested.

This Programme provides as a baseline academic qualification with defined learning outcomes and competencies for all those involved in the decontamination of reusable invasive medical devices

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