Event Overview

Infection prevention and control has become one of the prime concerns in healthcare owing to an increased awareness of patient safety and the considerable burden of HAI’s. Invasive devices, poor postoperative status and lack of standardized decontamination of surgical instruments are some of the major challenges in preventing infections in healthcare facilities. Earlier, the cost of HAI’s was borne by patients, however, recent changes have mandated healthcare organizations to bear these costs. The costs incurred by drug-resistant infections amount to an estimated EUR 1.5 billion annually.

“Infection Control, Sterilization and Decontamination in Healthcare” organised by MnM conferences, on 25th & 26th of February, 2016 in London aims at providing a platform for the industry leaders to discuss and brainstorm on the ongoing advancements and challenges for better sterile environment in hospitals.

Key Highlights:
- Technology focus on: UV light marker, tracking and tracing & Gas Plasma
- Discussion on the Regulatory issues, policies and guidelines
- Advanced methods in effective Endoscope reprocessing
- Da Vinci Robot & Complex surgical instrument decontamination
- Effective Isolation Facilities installation in Hospitals
- Hand on workshop on: Low temperature Sterilization, Hand Hygiene & Personal Protective Equipment

Who should attend:
University Hospitals, Hospitals & Clinics
Working with
Infection Control, Decontamination & Sterilization

Directors | Deputy Director | Heads
General Managers | Managers | Doctors | Leads
Matrons | Nurses | Nurse Consultants
Director of Nursing | Medical Director | Microbiologist
General Practitioners | Endoscope Manager
Quality Assurance Manager
Day 1, 25th February, Thursday

08:30  Registration

09:00  Opening remarks from the chair

09:10  Opening keynote: Reviewing the policies and guidelines in infection control by Public Health England (PHE)

Regulatory Updates & Changes

09:40  Presentation: Improving the quality of infection control procedures with recent changes in HTM 01-05 and CFPP 01-06
• Reviewing and understanding recent changes to ensure adherence to these guidelines
• Exploring the advantages of following guidelines for effective infection control in hospitals
• Evaluating ideal methods to apply the changes in the hospital environment
• Are there any changes to be introduced by MHRA in the near future?

10:10  Solution Provider Presentation: Contact Steve Hambrook at steve.h@mnmconferences.com

10:25  Morning refreshments & Breaks

10:55  Presentation: Understanding the effect of changes in quality standards ISO-13485 and ISO-9001 for minimizing impact of decontamination process
• Apprehending reasons for frequent changes in standards and keeping track of relevant updates
• How are regulators ensuring adherence to standards to increase number of compliant manufacturers?
• Are there any mandates for medical device manufacturers to follow these standards?
• Listing certified companies to identify manufacturer and distributors of devices during audits

11:25  Presentation: Evaluating guidelines for handling prion related diseases like Creutzfeldt-Jakob disease (CJD)
• Understanding Impact of recent changes in CJD guidelines and its implementation in hospitals
• Following best precautionary practices while dealing with CJD patients to prevent its transmission
• Understanding the technology for detecting protein on CJD diagnostic instrument
• Identifying best methods for decontamination of CJD diagnostic instruments

Dr. Miles Allison, Consultant Gastroenterologist, Royal Gwent Hospital, President to WAGE

Transit Control of Instruments

11:55  Presentation: Optimizing tracking and tracing of surgical instruments to improve management of clean and contaminated instruments
• Developing robust procedures for efficient record keeping of instrument usage and movements
• Understanding the challenges in moving from manual tracking to automated tracking system
• Real time tracking of instruments to quickly identify decontaminated instruments in emergency situations
• How can automated records help improve the accuracy of tracking and tracing?

Andrew Smith, HSSU Manager, St. James Hospital
Designing healthcare environment to prevent HAI’s

Reducing errors in decontamination & sterilization process

Stream I

15:05 Presentation: Implementing endoscopy reprocessing guidelines to improve and standardize sterilization procedures
- Discussing the guidelines of British Society of Gastroenterology (BSG) for effective cleaning of endoscope
- Reviewing standard on storage of endoscopes BS EN 16442: 2015
- Reviewing the standards of Joint Advisory Group (JAG) and how effectively it is adopted by the hospitals

Dr. Miles Allison
Consultant Gastroenterologist
Royal Gwent Hospital
President to WAGE

Stream II

15:05 Presentation: Identifying new methods to prevent transmission of increasingly resistant organisms
- Using early detection and precaution protocols for prevention of Middle East Respiratory Syndrome (MERS)
- Effective & appropriate use of antibiotics to prevent MRSA (Methicillin-resistant Staphylococcus aureus) & VRE (Vancomycin-resistant Enterococcus)
- Risk assessment on the spread of CPE (Carbapenemase-Producing Enterobacteriaceae) & its prevention
- Effective measures to fight and prevent growth of Acinetobacter baumannii

Dr. Jean O’Driscoll
Director of Infection Prevention & Control
Buckinghamshire hospital

For more information please contact Vidyulata at vidyulata.k@mnmconferences.com | +91 909 675 3749
### Stream I

**15:35**
**Presentation: Preventing endoscopes from damage in quality from use of high level disinfectants**
- Evaluating the pros and cons of high level disinfectants for cleaning of endoscopes
- Can sterilization process be used after using high level disinfectant for better endoscope sterility?
- Exploring alternatives to reduce use of high level disinfectants with cost effective and efficient options
- Using highly oxygenated water in place of high disinfectants – technology that uses bubble in cold water

**Ms. Annette Giles**
Head of Central Sterile Services Department, University Hospitals Bristol NHS Foundation Trust

### Stream II

**15:35**
**Presentation: Implementing cost-effective procedures to maintain sterile environment in hospitals**
- Understanding the pros and cons of using chlorine and adopting better chemicals: QAC- Quarterly ammonium compound
- Evaluating the benefits and effectiveness of using single use wipes to clean hospital facilities
- Using ultra violet markers to detect microorganisms and test effectiveness of microbiological methods

**Dr. Richard Wright**
Medical Director
Southern Health and Social Care Trust

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**16:05**
**Refreshment break, One to One Meeting & Poster Presentation**

**16:45**
**Workshop: Effective procedures for heat-labile instrument reprocessing through low temp sterilization**

**Workshop rationale:** Increasing drug resistant bacteria due to contaminated instruments is a major concern for infection control, sterilization and decontamination managers. Healthcare providers are constantly looking for upgradation of technologies for decontamination of medical devices

**Benefits of attending:** This workshop gives you an opportunity to understand the complete process of low temperature sterilization to reduce the chances of equipment contamination. This workshop will highlight strategies to help managers make hands on decision on which low temperature technique will be most effective for sterilization of healthcare environments

**Agenda:**
- Evaluating the benefits of low temperature sterilization in long run to justify its implementation cost
- Understanding various types of low temperature sterilization to rationalize requirement: Ethylene oxide(EtO), hydrogen peroxide
- Overcoming issues related to maintenance of instruments to ensure cost effectiveness of operating sterilizer is preserved
- Overcoming installation challenges in hospitals

**Mr. Bob Jobbins,** Authorising Engineer (Decontamination), Brighton & Sussex University Hospitals NHS Trust

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**18:30**
**End of day 1**
Day 2, 26TH February, Friday

08:30 Registration

09:00 Opening Remarks

09:10 Executive address: Exploring cost effective technologies endorsed by NHS for infection prevention in healthcare

09:40 Presentation: Standardizing training procedures for cleaning and handling devices to reduce the chances of spreading infections
  • The risk of transmission of infection and importance of training
  • Managing spillages
  • Infection control issues in endoscopy
  • Methods of training staff in infection control
  Annette Jeanes, Direct of Infection Control, University College London Hospital

10:10 Presentation: Increasing productivity, maintaining quality of instruments and managing surgical inventory through precise storage methods
  • Ensuring proper storage at OT and central sterile department for smooth flow of surgical instruments
  • Balancing date related and event related storage procedures to ensure sterility assurance of instruments
  • Adhering to right methods of packaging like peel pack for storing sterile equipment and preserve its integrity
  • Exploring new ways of using wet cloth and dry containers to ensure sterility of instruments
  Trevor Garcia, MIDSc, Director of Education, The Institute of Decontamination Sciences

10:40 Solution Provider Presentation: Contact Steve Hambbrook at steve.h@mnmconferences.com

10:55 Morning refreshments & breaks
Infection Control, Sterilization & Decontamination in Healthcare
25th - 26th February, 2016

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**Stream I**

Reducing errors in decontamination & sterilization process

11:25
Presentation: Evaluating methods to improve endoscope reprocessing
- Identifying greatest area of risk – to discuss the variable standards within a healthcare facility
- Look at traditional techniques, reluctance to change and changes in the public’s perspective.
- Risks of using chemicals within unsuitable facilities
- How to engineer an environment to reduce risks
- The importance of audit
- Future techniques and the need for a validated process

Mr. John Prendergast AE(D)
Decontamination Engineer
NHS Wales Shared Services Partnership/Specialist Estates Services

11:55
Presentation: Reaching efficacy in testing, monitoring and validating the sterilization process to avoid infection spread
- Validating sterility of medical device through quality monitoring compliance & meeting CFPP-0101 standards
- Defining methods to validate sterilization process before patient use
- Standardizing monitoring procedures to test quality of instruments after every decontamination and sterilization process

Rodney Wood
Head of sterile services
Cambridge University Hospitals NHS Foundation Trust

**Stream II**

Designing healthcare environment to prevent HAI’s

11:25
Presentation: Setting up robust isolation facilities in hospitals during epidemic to prevent spread of infections
- Prioritizing methods of dealing with contagious disease during lack of isolation facilities
- Identifying techniques to establish isolation facilities in old hospitals that lack space
- Evaluating new cost effective methods to set up isolation facilities
- Effective measures to use mobile isolation facilities in hospital with lack of space for isolation: ICE port

Dr. Walid Al- Wali
Director of Infection Prevention & Control
The Rotherham NHS Foundation Trust

11:55
Presentation: Defining effective measures in preventing waterborne disease for patient safety
- Regularly sampling and testing water cleaning process to ensure it is fit for use
- Defining measures to timely disinfect water storage for minimizing growth of bacteria
- Creating effective procedures to prevent L. pneumophila disease
- Tracking growth of pseudomonas bacteria in water and prevent it from spreading

Dr. Mike Weinbren
Director of Infection Prevention & Control
University Hospitals Coventry & Warwickshire NHS Trust
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<tr>
<th><strong>Stream I</strong></th>
<th><strong>Stream II</strong></th>
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<td><strong>12:25</strong></td>
<td><strong>12:25</strong></td>
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<td><strong>Presentation: Exploring new and advanced techniques to improve the utility of rinse water</strong></td>
<td><strong>Presentation: Improving the success rate of fighting pathogens by collaborations between hospitals and GPs</strong></td>
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<td>• Achieving ‘zero’ total viable count for by deploying a strong RO system</td>
<td>• Identifying emerging pathogens &amp; defining steps to prevent it</td>
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<td>• Selecting the appropriate wash/rinse cycle parameters</td>
<td>• How can hospitals and practitioners work together for effectively curtailing infections?</td>
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<td>• Understanding how Ro filters and duplex system protects itself</td>
<td>• Reducing the dosage of antibiotics to prevent bacteria from becoming drug resistant</td>
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<td>• Understanding the impact for violating the CBC guideline during antibiotics prescription</td>
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**Dr. Walid Al - Wali**  
Director of Infection Prevention & Control  
The Rotherham NHS Foundation Trust

**13:05 Solution Provider Presentation: Contact Steve Hambrook at steve.h@mnmconferences.com**

**13:25 Lunch & Networking**

**14:25 Focused Presentation: Identifying opportunities for improvement in decontamination of complex surgical device to infection prevention**  
• Evaluating effective procedure to decontaminate neuro surgical instruments  
• Procedures to decontamination of implants instruments  
• Demonstrating effective ways of Da Vinci robot decontamination

**Ms. Anne-Marie Watts,** Head of Sterile Services, **Guy’s & St Thomas’ NHS Foundation Trust**  
**Ms. Libby Brown,** Head of Decontamination, **Nuffield Health Bristol Hospital**
15:35 Workshop: Reducing spread of Infectious diseases through Hand Hygiene & Personal Protective Equipment (PPE)

Workshop Rationale: There is always a high risk of getting contaminated in hospitals during the decontamination of devices or dealing with the patients, so strategies to protect workers are essential. The priority should be protecting oneself from bacteria in their day to day work. Here at this workshop we brief on the standard precautions with major focus on hand hygiene and personal protective equipment.

Benefits of attending: The purpose of this workshop is to enable healthcare professionals to understand the effective process of hand hygiene and PPE, recognize current hand hygiene and PPE products, and enhance adherence to recommended standard procedures for handwashing and effective draping of PPE.

Agenda:
- Evaluating the effectiveness of alcohol based hand rubs against medicated soaps for better hygiene
- Exploring innovative ways for creating awareness for better hand hygiene: Posters, innovative videos
- Understanding the importance of right PPE during change in tasks and its donning and doffing
- Exploring effective measures to overcome the challenges in maintaining PPE

Vicki Parkin, Deputy Director Infection Prevention & Control, York Teaching Hospital NHS Foundation Trust

17:25 End of conference