

2nd Annual Infection Control, Sterilization & Decontamination in Healthcare Congress

21st & 22nd March 2017, London, UK



Event Overview:

According to the European Centre for Disease Prevention and Control (ECDC), every year an estimated 4.1 million patients acquire Healthcare-Associated Infection (HAI) in European acute hospitals resulting approximately 37,000 deaths. In the UK, it is been found that at any given time 6.4% of all patients are affected by HAIs.

The main challenges restricting the control of HAIs are mainly lack of evidence based guidelines on the cost effectiveness of measures, feedback of surveillance data, and low availability of skilled workers. There are new guidelines released for handling medical devices which are seen as new opportunities for advancements of present technology in controlling infection and enhancing patient safety.

After the success of inaugural congress held on 25th-26th February 2016, MarketsandMarkets is organizing the '**2nd Annual Infection Control, Sterilization and Decontamination in Healthcare Congress**', scheduled for **21st & 22nd March 2017 in London, UK** aiming at providing platform to experts from hospitals, academia, and government institutions discussing the innovations, challenges, and future aspects of infection control, decontamination, and sterilization.

Key highlights:

- Panel Discussion: Effective policies for staff training and management in hospitals
- Effective ways for investigation and validation of infections
- Protein residue detection in sterilization
- Setting standards for training in manual handling of surgical instruments
- Handling robotic surgery equipment such as Da Vinci Robot for cleaning and sterilization
- Ways of improving and maintaining water quality standards

Who should attend

Surgeons, Doctors, Professors, Researchers, and Faculty from Hospitals and academic institutions related to:

• Infection Control Department

- ✓ Director Infection Prevention and Control
- ✓ Assistant Director Infection Prevention and Control
- ✓ Microbiologist
- ✓ Risk/Governance Manager
- ✓ Junior Doctor
- ✓ Lead Nurse Infection Prevention and Control
- ✓ Senior Lecturer/Lecturer
- ✓ Matron / Nurse
- ✓ Infection Prevention and Control Nurse/Practitioner
- ✓ Consultant Nurses / Specialists

• Sterile Services Department (SSD)

and Decontamination Department

- ✓ Head
- ✓ Manager/ Lead
- ✓ Deputy Manager/Quality Management Representative
- ✓ Coordinator
- ✓ Supervisors
- ✓ Team Leaders
- ✓ Technicians / Engineers

• Endoscopy Unit

- ✓ Director
- ✓ Gastroenterologist
- ✓ Head/ Manager
- ✓ Nurse

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Advisory Panel:



John Prendergast
Decontamination Engineer
Shared Services Partnership/
Specialist Estates Services, Wales



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

Speaker Panel:

- **Dr. Walid Al-Wali**
Microbiologist, Director for Infection Prevention and Control
Rotherham NHS Foundation Trust, UK
- **John Prendergast**
Senior Decontamination Engineer
NHS Wales, UK
- **Anne-Marie Watts**
Head of Sterile Services
Guy's and St Thomas' NHS Foundation Trust, UK
- **Jimmy Walker**
Principal Investigator – Decontamination
Health Protection Agency, UK
- **Paul Jenkins**
Decontamination Manager
North Bristol NHS Trust, UK
- **Dr. Mike Weinbren**
Director Infection Prevention and Control, Consultant microbiologist
Chesterfield Royal Hospital NHS Foundation Trust, UK
- **Dr. Ken Agwuh**
Microbiologist, Director for Infection Prevention & Control
Doncaster and Bassetlaw NHS Trust, UK
- **Anthony Sullivan**
Sterile Services Manager
North Cumbria University Hospitals NHS Trust, UK
- **Dr. Richard Cooke**
Consultant Medical Microbiologist & Director of Infection Prevention & Control
Alder Hey Children's NHS Foundation Trust, UK
- **Dr. Jim Gray**
Consultant Microbiologist and Infection Control Doctor
Birmingham Children's Hospital NHS Foundation Trust, UK
- **Janet Pearson**
Sterile Service Manager
Northumbria Healthcare NHS Foundation Trust, UK
- **Prof. Bill Keevil**
Chair, Environmental Healthcare
University of Southampton, UK
Former Specialist Advisor to the House of Commons Science & Technology Committee, London, UK
- **Dr. Richard Catlin**
Assistant Director of Infection Prevention and Control
Bolton NHS Foundation Trust, UK
- **Mariette Jungblut**
Sterile medical devices expert
University of Stellenbosch, Netherlands
- **Paul Caesar**
Infection Control expert
Hospital Tjongerschans, Netherlands
- **Dr. Janie Child**
Director Infection Prevention and Control
Harrogate and District NHS Foundation Trust, UK
- **Karen Tweed**
Deputy Operations Director (Decontamination)
Sheffield Teaching Hospitals NHS Foundation Trust
- **Dr. Albert Mifsud**
Honorary Consultant Microbiologist for SE London
Whipps Cross University Hospital, UK
- **Moya Alexander**
Decontamination Lead
Imperial College Healthcare NHS Trust, UK
- **Bob Jobbins**
Authorising Engineer, Decontamination
Brighton And Sussex University Hospitals NHS Trust
- **Bev Tabernacle**
Director of Infection Prevention and Control
Robert Jones and Agnes Hunt Orthopaedic and District Hospital NHS Trust, UK

Supporting Associations 2017



The British Society for
Antimicrobial Chemotherapy



British Infection Association



ESCMID
EUROPEAN SOCIETY
OF CLINICAL MICROBIOLOGY
AND INFECTIOUS DISEASES



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Protecting Lives Against Infection™



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Day 1, 21st March 2017

- 08:00** Registration
- 08:55** Welcome note from MarketsandMarkets
- 09:00** Opening remarks from the Chairperson
- 09:10** Opening keynote: Presentation by British Society for Antimicrobial Chemotherapy (BSAC)
- 09:40** Panel Discussion: Effective policies for staff training and management in hospitals
- How to have assurance of standardized quality of staff training?
 - Ensuring adherence to guidelines at all levels for infection control
 - Managing resources with increasing and competing demands of skilled staff in hospitals
- 10:20** Infection control practice in isolation facility
- Dr. Walid Al-Wali**, Director of Infection Prevention and Control, Rotherham NHS Foundation Trust
- 10:50** Solution provider presentation; contact Abhinay at abhinay.roy@marketsandmarkets.com
- 11:05** Morning Refreshments | One-to-One Networking Meetings

Compliance with Standardization

- 11:45** Presentation by GS1 UK
- 12:15** Decontamination of medical devices and the implications of ACDP revised CJD guidance on HTM 01-01 and HTM 01-06
- Recent guidance publications that have maintained the precautionary approach in terms of the risk from prion related diseases and the potential for iatrogenic transmission
 - Back ground and the stages involved in formulating the recent DH guidance.
 - Main changes in the guidance and how they impact on CSSDs
- Jimmy Walker**, Principal Investigator – Decontamination, Health Protection Agency
- 12:45** Solution provider presentation; contact Abhinay at abhinay.roy@marketsandmarkets.com
- 13:15** Lunch | One-to-One Networking Meetings

Stream A

Stream B

Infection Control Department

Sterile Services, Decontamination & Endoscopy Departments

Investigation and Validation of Infections		Standardization of operations	
14:15	Effective ways for investigation and validation of infections in hospital environment Dr. Janie Child Director Infection Prevention and Control Harrogate and District NHS Foundation Trust, UK	Manual decontamination of flexible endoscopes Mariette Jungblut Sterile medical devices expert University of Stellenbosch, Netherlands	
14:45	Utilizing evidence in organizational decision making on infection prevention & control • Finding evidence: where to go to find good quality objective evidence • Assessing the evidence: how good is the evidence, and how generalizable is it to individual healthcare settings? • Using evidence in business planning: how can you estimate the cost savings Dr. Jim Gray Consultant Microbiologist and Infection Control Doctor Birmingham Children's Hospital NHS Foundation Trust, UK	Periodic Testing of medical devices • Are we overdoing it? • Are we over servicing the machines? • Cost of spares used during service: Are we changing parts unnecessarily? • How stringent do we check the service has been carried out correctly? Anthony Sullivan Sterile Services Manager North Cumbria University Hospitals NHS Trust, UK	
15:15	Cursor ex tempore (running out of time) • Rising antimicrobial resistance • Global initiative/ UK initiative • Local initiatives • Examples of some new antibiotics Dr. Rashmi Sharma Consultant Clinical Microbiologist Blackpool Teaching Hospitals NHS Foundation Trust, UK	Setting standards for training in manual handling of surgical instruments	
15:45	Solution provider presentation; contact Abhinay at abhinay.roy@marketsandmarkets.com	Solution provider presentation; contact Abhinay at abhinay.roy@marketsandmarkets.com	
16:00	Afternoon Refreshments One-to-One Networking Meetings		

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Infection Control Procedures		Detection of Protein Residue
16:40	Effective ways for screening and handling Carbapenem resistant organisms (CRO)	In-situ protein detection: challenges and validation during sterilization
17:10	Patient monitoring and reporting for surgical site surveillance • Seek and you shall find' • SSIs are one of the biggest threats to the delivery of safe surgery • Effective SSI surveillance requires multidisciplinary engagement and ownership Dr. Richard Cooke Consultant Medical Microbiologist & Director of Infection Prevention & Control Alder Hey Children's NHS Foundation Trust	Moist Steam and Low Temperature Sterilization Bob Jobbins Authorising Engineer, Decontamination Brighton And Sussex University Hospitals NHS Trust
17:40	How to control infections in ERCP and other invasive endoscopic procedures?	Effectiveness of process challenge devices (PCD) in sterilization testing

18:10 **Closing Remarks from the Chair**

18:15 **Drinks & Networking Reception**

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Day 2, 22nd March 2017

- 08:15 Registration**
- 09:00 Opening remarks from the chair**
- 09:10 Key-note - Antimicrobial copper alloy touch surfaces prevent healthcare acquired infections and spread of antimicrobial resistance**
- Healthcare associated infections and the rise in antimicrobial resistant bacteria remain a serious threat worldwide
 - Copper surfaces are regarded as the health element of Antiquity for rapidly kill bacteria, viruses and fungi
 - Worldwide hospital trials have demonstrated a 90% reduction of bioburden on common ward items and a 58% reduction in infection rates
- Prof. Bill Keevil, Chair, Environmental Healthcare, University of Southampton, UK**
- 09:40 Procuring and selecting effective consumables for infection control and decontamination**
- Choosing range of products for cleaning
 - Identifying use of wipes and crystal wipes for range of medical devices
 - Selection of range of products from surgical drapes, gloves, and aprons

Handling Transportation & Logistics of Surgical Instruments

- 10:10 Adoption of universal barcoding system in instruments to avoid operation errors**
- 10:40 Solution provider presentation; contact Abhinay at abhinay.roy@marketsandmarkets.com**
- 10:55 Morning Refreshments | One-to-One Networking Meetings**
- 11:35 Panel Discussion: Challenges in using and maintaining stored surgical instruments**
- Regular monitoring of stored instruments
 - How to separate old and new instruments?
 - How to effectively manage instruments in case of delay in their return from SSD?

Controlling Water Borne Infections

- 12:05 Maintaining standard water quality at various stages of cleaning and decontamination processes**
- Measures for handling hard and soft water
 - Maintaining optimum water standards across the day
- 12:35 Waterborne infections in hospitals**
- Legionella
 - Pseudomonas aeruginosa
 - Stenotrophomonas maltophilia
 - Carbapenemase producing organisms
 - Routes of spread, size of the problem and control
- Dr. Mike Weinbren, Director Infection Prevention & Control and Consultant microbiologist, Chesterfield Royal Hospital NHS Foundation Trust, UK**
- 13:05 Solution provider presentation; contact Abhinay at abhinay.roy@marketsandmarkets.com**
- 13:20 Lunch | One-to-One Networking Meetings**

Stream A

Stream B

Infection Control Department

Sterile Services, Decontamination & Endoscopy Departments

Enhancing Quality of Management		Handling critical surgical equipment	
14:20	Enhancing medical device management in critical care unit	FLEXIBLE ENDOSCOPES & ATP: EASY AS 1, 2, 3? - Russian Roulette? What are the risks of contaminated flexible endoscopes? - Check it Out? Is there a need of controlling the cleanliness of flexible endoscopes? - Quick Quick (or) Slow? Is a rapid technique like ATP supplementary in delivering save flexible endoscopes? - Take home messages and questions Paul Caesar, Infection Control expert, Hospital Tjongerschans, The Netherlands	
14:50	Effective Monitoring of Cleaning Standards; evaluating ATP and UV in clinical practice - Objective assessment of cleaning standards in matched departments - Compares ATP with UV marking as part of an audit feedback cycle - Identifies if there is a method that provides improved standards of cleaning Dr. Richard Catlin, Assistant Director of Infection Prevention and Control Bolton NHS Foundation Trust, UK	Ways of handling robotic surgical equipment for processing - Different decontamination equipment parameters - Chemicals not readily available in the UK and equipment, - Design which may pose a challenge to any reprocessing procedures Karen Tweed, Deputy Operations Director (Decontamination) Sheffield Teaching Hospitals NHS Foundation Trust, UK	
15:20	Applying & exploring cost effective ways in infection control systems Moya Alexander, Decontamination Lead, Imperial College Healthcare NHS Trust, UK	Introduction to Dope dedusting technology for Surgical implants	

15:50 Closing remarks from the Chair

16:00 End of Conference