

Conference 2009



Irish Association of Sterile Services
Managers

Conference 2009



“Continuous Process Improve-
ment for Challenging Times”

Delegates Booklet

6th November 2009

Crowne Plaza Hotel

Blanchardstown



has worked as a Dangerous Goods Safety Adviser in the Healthcare sector since 2005.

Henry graduated from University Limerick with an honours degree in Environmental Science in 1998. He then worked in Health and Safety within the chemical industry for a period of 7 years, specialising in the transport of dangerous goods internationally. He has worked as a Dangerous Goods Safety Adviser in the Healthcare sector since 2005.

Tony Mc Loughlin :-

Tony currently works as the Sterile Services Manager at Bon Secours Hospital, Cork. Having transferred from theatre nursing to sterile services in 1999, he became involved in the IASSM and has served on several committees to date leading to his position as vice chair in 2008.

He successfully completed his BSc (distinction) in Sterile Services Management in 2008 and the Advanced CDU Management certificate in June this year. He remains firmly committed to advancing the role of the modern CDU through IASSM projects and further education.

Terry Easy:-

Terry has been involved in decontamination for 36 years, firstly as a service and test engineer with a sterilizer manufacturer, then joining the NHS as Regional Sterilizer Engineer at South East Thames Region.

Between 1980 and 1990 Terry was employed as Service Director with British Sterilizer Company Ltd. In 1992 Terry was the founder of Health Service Associates, a decontamination maintenance and test company.

Terry registered as an Authorised Person (sterilizers) in 1994 now (AED) Authorising Engineer (Decontamination) and provides advice and guidance on all aspects of decontamination.

Terry is also a freelance trainer working with Eastwood Park Training Centre delivering courses on decontamination to operators, engineers and managers.

Welcome to Conference 2009

On behalf of the Irish Association of Sterile Services Managers (IASSM), it is my pleasure to welcome you to the 2009 Conference. The theme of this year's conference is "Continuous process improvement for challenging times".

It is important we continue to ensure that the quality of reprocessing is of the highest possible standard throughout the Country, regardless of the economic challenges during the current climate, so that we may guarantee the best care possible to patients in our hospitals. We achieve this by promoting the exchange of ideas and best practices along with developing the necessary tools required to maintain budgets whilst not compromising on the quality of service delivery.

The last 12 months have seen the continued development of the IASSM "Education forum". These are a series of general membership meetings coupled with educational input from relevant experts and I would encourage members to avail of these free, invaluable educational & informative opportunities next year, details of which will be available on our website shortly. In Feb we hosted our annual operative/technicians study which was very well attended as always and June saw the much anticipated introduction of an "Advanced Management Decontamination Course". Ten Central Decontamination Unit Managers successfully completed a City and Guilds Accredited bespoke two day Course delivered by a trainer from Eastwood Park. The Course is centred on the HSE Code of Practice for Decontamination of Reusable Invasive Medical Devices. We have continued to work with the National Hospital's Office (NHO) in developing the audit tool currently being rolled out across the various networks throughout the Country and we look forward to continuing to work with the NHO in developing future standards. It is through your continued support that we have come so far, and I thank you on behalf of the IASSM.

This year's conference program focuses on key areas and tools required to continue to develop best practice within our service, with specific attention being paid to topics such as Lean Projecting and Risk Management amongst others. We will also discuss new developments and innovation in our Industry. We have a comprehensive number of presenters both international as well as local for you to enjoy. I hope that they will succeed in helping you to transfer the information to aid quality improvements within your Departments.

I would like to thank all the presenters, exhibitors, sponsors, and our delegates for supporting the IASSM in 2009. I would also like to take this opportunity to thank my IASSM Committee colleagues for their continued support and dedication to what I consider a wonderful organisation. I look forward to meeting you and wish you a most enjoyable conference.

Joy Markey, Chairperson, IASSM



Dr Ronnie Russell
President, IASSM
Trinity College, Dublin



Joy Markey
Chairperson, IASSM
Dublin Dental School &
Hospital

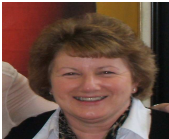


Patricia Doheny
Treasurer, IASSM
St. Luke's Hospital,
Kilkenny



Tony Mc Loughlin
Vice Chair
Bon Secours Hospital
Cork

IASSM Committee 2009



Oonagh Ryan
St Vincent's Private



Veronica Maher, Secretary
Waterford Reg. Hospital



Paschal Kent
CUMH, Cork



Ann Marie D'Arcy
Bons, Glasnevin

Suzanne Hannon :-

CDU Team Leader Dublin Dental School and Hospital Suzanne Hannon is a Central Decontamination Team Leader working predominantly in the area of decontamination in the Healthcare sector for 8 years.

Currently studying part time in IT Tallaght for her BSc Sterile Service Management.

Pamela Hutchings:-

Has 6 years experience in sterile services and is currently working in St Vincent's University Hospital Dublin as a HSSD team leader. She has successfully completed the SKILL VEC FETAC Level 5 Support and is in the process of studying for the SKILL VEC FETAC Level 6 Advanced Certificate in Supervisory Management Skills.

Anthony Corbett:-

Anthony has been working for the last 13 years as a HSU Technician in St James' hospital, Dublin. His topic today will cover the 'TAG' system.

Simon Jackson :-

Simon Jackson is currently the Managing Director of Medical Standard 1 (MS1). Founded 3 years ago, MS1's aim is to enable the transfer of critical information between hospital sites required to both maintain the decontamination and usage history of medical devices.

Over the past 15 years, his roles in the healthcare and commercial sector covering Sales, Marketing, Healthcare Training and Medical Document Publishing assist him to deliver a rounded and realistic approach to which assist customers and suppliers achieve the common objective of enhanced patient safety through information exchange.

Henry Mooney:-

"Henry Mooney works for DCM Compliance Ltd, a company based in Limerick. He acts as a qualified Dangerous Goods Safety Adviser (DGSA) for the Dublin Hospital Group, a group of 23 hospitals in the Dublin area. As a DGSA, Henry provides advice to members of the group on all aspects associated with the transport of dangerous goods. Henry graduated from University Limerick with an honours degree in Environmental Science in 1998. He then worked in Health and Safety within the chemical industry for a period of 7 years, specialising in the transport of dangerous goods internationally. He

Mick Rook:-

A dynamic, entertaining and prize winning speaker, Mick is passionate about his role in helping people achieve success in life and business. With over 20 years of business experience, he has helped hundreds of people to: develop new skills and to achieve a wide variety of business and personal goals. A qualified Executive and Life Coach Mick runs his own Personal Development Company - Act Now. In addition to offering a range of personal and inter-personal skills training programmes, he also delivers a range of talks to various groups particularly in the areas of beliefs and positive thinking.

Peter Chandler:-

Pete is the National Director of Operations for Decon Sciences' decontamination division, based in Reading, UK, and responsible for the company's operational regional supercentre programme and consultancy turnaround projects. In previous roles as Decontamination Lead for acute NHS Trusts, Surgical Director and Theatre Management, Pete has been responsible for sterile service centralization, organizational re-development of decontamination provision and design and commissioning of new SSD facilities as part of the English Department of Health's strategy to achieve compliant decontamination services.

With a strong focus on a whole systems, patient focussed approach to successful decontamination delivery, Pete emphasizes the need for clinical and SSD teams to work in partnership to deliver excellence in decontamination and instrument management.

Paul MC Walter:-

I am 25 years old. I am currently employed by the Bon Secours Hospital, Galway as a Sterile Technician in the Central Sterile Services Department for the past 4 years.

I am also a part time student attending the Institute of Technology, Tallaght. I have already obtained a Higher Certificate of Science in Sterile Services Technology. I am currently continuing my studies for a Bachelor of Science Degree in Sterile Services Management of which I am in my final year.

I am living in Galway city and have been all of my life.

FRIDAY 6th NOVEMBER 2009



07.30-08.45	Registration & Exhibition Viewing Tea & Coffee
9.00 -09.15	Official Opening of Conference 2009 <i>Dr. Ronnie Russell</i> <i>Joy Markey</i> <i>President, IASSM</i> <i>IASSM</i>
Session 1	Moderator: Dr. Ronnie Russell
09.15-10.00	Motivation/Coaching Mick Rook (Ireland)
10.00-10.45	21st Century SSD Peter Chandler (UK)
10.45-11.45	Official Opening of Trade Exhibition
Session 2:	Moderator: Ann Marie Darcy
11.45-12.15	Student Presentations (ITT Dublin; Skillvec)
12.15- 13.00	Loan instrument management Simon Jackson (UK)
13.00-13.45	Dangerous Goods Act Henry Mooney (Ireland)
13.45-14.30	Lunch



4.5 Evaluation of cleaning methods on protein contamination of dental instruments

A collaborative project with the HPA, Glasgow Dental Hospital, and Barts' Medical School has evaluated the efficiency of three instrument cleaning methods used in general dental practice (GDP): manual cleaning only, manual plus ultrasonic cleaning and benchtop washer disinfectors. The study also looked at washer disinfectors (WD) located in SSDs.

A range of reprocessed instruments used in clinical practice from both GDPs and SSDs were examined for presence of residual risk materials using a combination of visual score and a sensitive protein assay based on o-phthalaldehyde/N-acetyl cysteine as the fluorescent reagent with reference to a standard curve determined using BSA.

No significant differences were present between the manual only, SSD WD or benchtop WD cleaning processes. However, significant differences were observed between each of these processes and the combined manual-ultrasonic cleaning process, where larger residual protein deposits remained. Regression analysis showed no positive correlation between visual scoring and residual protein ($p > 0.05$). Except for the SSD WD, all methods showed large variations between different instruments of the same type decontaminated by the same method.

Cleaning efficiencies of the different processes varied considerably and demonstrated the manual plus ultrasonic cleaning process to be significantly less efficient than the other three processes in terms of residual protein, though the proportion of residual human protein was not examined. Visual scoring was not a reliable measure of cleanliness. These issues require further investigation but may have implications for the type of cleaning processes used within GDPs and SSDs.



4.4 Quality control in CSSD washers and instrument design considerations

Studies were performed by Professor Perrett's group on the quality control of the washing systems in the CSSD. The washing systems using unbuffered Solid Metal Pro had wash baths with pH varying by up to 1 pH unit during a half-day shift. The conductivity of the bath liquors varied in a similar manner.

A number of instruments obtained at random from the CSSD were examined visually for contamination by dismantling them. Instruments such as forceps were found to show gross contamination in certain areas, such as moving joints, and instruments with lumens were found to have considerable material within the lumens. However, initial chemical tests have not been able to confirm the presence of protein in these areas, where the major build-up may simply be 'rust'.

Key findings

- Up to 60 mg of tissue can contaminate even simple surgical instruments during use.
 - Instruments obtained from CSSD regardless of their visual appearance can still contain up to 1mg of protein.
 - It is suggested that a monomolecular layer of various proteins forms on the surface of stainless steel and is difficult to remove under CSSD conditions.
 - Similar considerations apply to dental instruments.
 - Instrument design could be considerably improved to remove areas that cannot be cleaned, although it is probably impracticable to eliminate all such areas.



A special thanks to the following

Companies for sponsorship:

- | | |
|-------------------------------|-------------------------------------|
| 3M | <i>sponsors of folders</i> |
| Murray Surgical/Ruhoff | <i>sponsors of badges</i> |
| Medister Ltd. | <i>sponsors of symposium</i> |

The IASSM would like to thank all the companies that sponsored raffles and prizes at this years conference.

Conference Exhibitors

The IASSM would like to thank the following exhibitors for their participation in this year's Conference.

- | | |
|------------------------------------|--------------------------------|
| Brennan & Company | Accuscience |
| Trulife | Autocal |
| Elga Process Water | Steritex |
| Environmental Water Systems | 3M |
| Eurosurgical | Manepa |
| Fannin Healthcare | Medister |
| Fleming Medical | MED |
| HealthEdge | RS Whitewater |
| Irish Hospital Supplies | Murray Surgical Limited |
| Intraveno | O'Leary Medical |
| Johnson & Johnson | Healthcare 21 |
| T.P Whelan | CWS Boco Ireland |
| Rockford Healthcare | Ecolab Healthcare |
| Coffee healthcare | Eurotherm Ltd. |

Fri 6th NOVEMBER 2009



14.30-15.30 Trade exhibition Viewing with Tea/coffee

Session 3 Moderator: Colm Casey, Manepa

15.30-16.00 Lean Projecting
Tony Mc Loughlin (Ireland)

16.00- 16.45 Service/Validation contracts & test scheduling
Terry Easy (UK)

Close of IASSM Conference Joy Markey IASSM

16.45 -17.45 Exhibition Viewing

17. 45-18.30 Symposium - Sponsored by Medister Ltd.
(wine & Cheese Reception)

20.00 Dinner

21..30-22.00 Carl the Magician

22.00- 02.00 Dancing til late to "Rainbow" & DJ



IASSM Committee Contact Details

www.wfhss.com and click on Ireland homepage.

Chairperson: Joy Markey
CSSD
Dublin Dental Teaching School
Tel: 01 6127339

Vice-Chairperson: Tony Mc Loughlin
Bon Secours, Cork
021-4941976

Secretary: Veronica Maher
CSSD
Waterford Regional Hospital
Tel: 051 842620

Treasurer: Patricia Doheny
CSSD
St. Luke's Hospital, Kilkenny
Tel: 056 7785404

Members: Paschal Kent
Ann Marie D'Arcy
Oonagh Ryan



Conference layout in the Crowne Plaza Hotel,

Item	Room
Presentations	Heather suite A
Exhibitions	Heather Suite B
Lunch	Forchetta Restaurant
Symposium	2nd Floor Breakout Area
Pre dinner meeting area	1st Floor Breakout Area
Dinner	Heather suite B
Tea & Coffee	1st Floor Breakout Area

The following IASSM Committee will help you with:

Exhibitions	-	Veronica Maher & Team
Registration	-	Patricia Doheny & Team
Presentations	-	Tony Mc Loughlin & Team



Becoming a Member of the IASSM

Membership of the Irish Association of Sterile Services Managers

Q. *What is the IASSM?*

The Irish Association of Sterile Services Managers was established in 1989. Its aim is to keep you as a member abreast of all developments in decontamination. It fulfils this aim by spearheading a revolution in decontamination through the organising of conferences, study days, training and education sessions, and the dissemination of the latest developments in decontamination to its members. It is presently involved in a number of projects including membership of the CJD Committee and the National Hospital's Office Decontamination Committee. It is a member of the World Forum for Hospital Sterile Supply (www.wfhss.com).

Q. *How do I join?*

A. Simply visit the membership desk at the Conference registration area or visit the website at www.wfhss.com and click on the Ireland homepage to find details of how to join.

Q. *What do I get if I become a member?*

A. 1. Official Membership of the Irish Association of Sterile Services Managers
2. Newsletters, participation at educational forums, conferences, study days, meetings, plus circulation of minutes from meetings.

Q. *How much is it to join?*

A. €30 for full membership (based on constitution)
B. €15 for Associate membership (based on constitution)