



2nd Skin Integrity & Infection Prevention Conference

University of Huddersfield
26th and 27th June 2017



Programme

MONDAY 26TH JUNE 2017

08.00–08.30 Registration, refreshments and exhibition viewing

08.30–09.30 **Problems with evidence in surgical site infection prevention**

George Smith, NIHR Clinical Lecturer/ ST7 General and Vascular Surgery Registrar, Hull and York Medical School

Sponsored by 

CHAIR: **Professor Barbara Conway**, Head of Pharmacy, University of Huddersfield

09.30–09.45 **Chair's opening remarks**

09.45–10.15 **Infected pressure ulcers, Mental Capacity Act (MCA) and Deprivation of Liberties (DoL)**

Jeanette Milne, Tissue Viability Nurse Specialist, South Tyneside NHS Foundation Trust

Learning outcomes:

- Delegates will be able to recognise when patients need to have a MCA assessment
- In addition they will be able to identify when to use DoL standards
- Explain how these apply to managing patients with infected pressure ulcers



10.15–10.45 **Lympho-epithelial interactions in wounds: the importance of cellular state, cell proliferation related signalling and the involvement of microbial infection-associated molecular patterns in the process of wound healing**

Dr Nikolaos Georgopoulos, Reader–Biological Science, University of Huddersfield

Learning outcomes:

- Wound healing is associated with the spatial and temporal involvement of different cell types (epithelial cells, fibroblasts and immune cells), where the type of interactions and their timing is critical
- Epithelial tissues have evolved to utilise molecular patterns released during microbial infection (or secreted as a consequence of infection) and these molecular patterns can dramatically influence the wound healing process
- The presentation will discuss some of our recent work with industrial partners that has focused on studies in the area of tissue regeneration and enhancement of wound healing responses.



10.45–11.20 Refreshments and exhibition viewing

11.20–11.50 **When should I stop antimicrobial treatment?**

Professor Valerie Edward-Jones, Emeritus Professor of Medical Microbiology, Manchester Metropolitan University & Clinical Director, MelBec Microbiology Ltd

Learning outcomes:

- To be able to identify when antimicrobials should be used
- To understand how to monitor topical antimicrobial treatment



11.50–12.25 **Changing the spectrum of surgical site infection assessment: from visual to the infra-red**

Professor Charmaine Childs, Professor of Clinical Science, Sheffield Hallam University

Learning outcomes:

- Incidence of surgical site infection in contemporary healthcare
- Applications and principles of infra-red thermography
- Thermal imaging and the potential for prognosis of surgical site infection



12.25–12.45 Panel discussion & questions

12.45–13.55 Lunch and exhibition viewing

13.55–14.40 **Wound infection, accountability and negligence**

Keith F Cutting, Clinical Research Consultant, Hertfordshire, UK

Learning outcomes:

- Understand the relationship between autonomous practice, accountability, and duty of care
- Understand the importance of documentation in relation to negligence
- Appraise through the medium of selected case studies if there is a case to answer (negligence)



Programme

14.40-15.30 **LINKING RESEARCH TO PRACTICE: CASE STUDIES**

Wound infection: prevention and management - the evidence and the practice

Leanne Atkin, Vascular Nurse Specialist, Mid Yorkshire Hospitals NHS Trust & Lecturer Practitioner, University of Huddersfield

Learning outcomes:

- To build an evidence base for prevention and management
- To explore the gap between evidence and clinical practice
- To understand the challenges clinicians face



User-centred design - the Wiggle Bag

Dr Jess Power, Reader and Acting Head of Department, Fashion and Textiles, School of Art, Design and Architecture, University of Huddersfield

Learning outcomes:

- Designing a harness to improve well-being of children with cancer
- User centred design and material selection
- Ergonomic design for comfort, function and dignity



15.30-16.00 **Panel discussion**

16.00 **Close of conference**

16.00-18.00 Networking and drinks reception

TUESDAY 27TH JUNE 2017

09.00-09.30 Registration, refreshments and exhibition viewing

CHAIR: **Dr Leigh Fleming**, Subject Area Leader for Mechanical Engineering, University of Huddersfield

09.30-09.45 **Chair's opening remarks**

09.45-10.15 **Keeping the patients at the heart of interactions**

Professor Karen Ousey, Professor of Skin Integrity & Director for the Institute of Skin, Integrity and Infection Prevention, University of Huddersfield

Learning outcomes:

- The importance of involving the patient in interventions
- Barriers that can prevent patient focused interventions in clinical practice
- Patient needs

10.15-11.00 **Skin deep pressure injury prevention: protecting deep tissues from sustained deformations**

Professor Amit Gefen, Professor in Biomedical Engineering, Tel Aviv University, Israel

Learning outcomes:

- Attendees will be able to describe the cascade of events starting at the exposure to sustained tissue deformations due to weight-bearing, and eventually ending with cell and tissue death.
- Attendees will be able to list critical characteristics of support surfaces that result in efficacy in minimizing the exposure to sustained tissue deformations.
- Attendees will be able to list critical characteristics of prophylactic dressings which lead to efficacy in minimizing the exposure to sustained tissue deformations.



11.00-11.30 Refreshments and exhibition viewing

Programme

11.30–12.15

The importance of bioengineering in a skin health multidisciplinary team

Professor Dan Bader, Professor of Bioengineering and Tissue Health, University of Southampton
Learning outcomes:

- Identifying bioengineering tools that can be adapted for clinical use
- Establishing robust parameters indicative of early changes to skin integrity
- Reporting the diversity of medical devices causing skin-related damage



12.15–13.00

A history of wound imaging: where are we today, where should we be tomorrow?

Professor Steve Jeffery, Consultant Plastic Surgeon, University Hospital Birmingham NHS Foundation Trust
Learning outcomes:

- Participants should be able to summarise the history of wound imaging
- Participants should be familiar with the current best practice regarding wound imaging
- Participants should have the confidence to develop advanced wound imaging in their own practices



13.00–14.15

Lunch and exhibition viewing

14.15–15.00

Can we exploit the mechanosensitive properties of cells and tissues to aid wound healing?

Dr Mark Murphy, Senior lecturer in cell biology and programme leader for the MSc Industrial Biotechnology, Liverpool John Moores University
Learning outcomes:

- Become familiar with mechanotransduction
- Be aware of studies which highlight the potential of applying mechanical stimulation in vitro/in vivo with respect to wound healing
- Develop ideas to test/exploit mechanical stimulation in wound care



15.00–15.30

Pressure ulcer prevention in the seated individual

Professor Zena Moore, Professor and Head of the School of Nursing and Midwifery, School of Nursing, Royal College of Surgeons in Ireland
Learning outcomes:

- To understand the link between seating and pressure ulcer development
- To understand the importance of choosing the correct seat
- To understand the importance of choosing the correct position and how to reposition persons who are seated



Menno van Eften, Physiotherapist, Norway
Learning outcomes:

- To understand the link between seating and pressure ulcer development
- To understand the importance of choosing the correct seat
- To understand the importance of choosing the correct position and how to reposition persons who are seated



15.30–15.45

Panel discussion

15.45–16.00

Closing remarks

16.00

Close of conference

Book today:



www.jwcskinintegrity.com



+44 (0)20 7501 7648



laura.denne@markallengroup.com

Testimonials from 2016 event

"Good range of topics covered, with both scientific and clinical content and with a good focus on evidence."

"Please develop this conference – it meets a gap, university-led study, focussing on emerging, innovative and recognised papers. Excellent two days, where I do believe I have learnt a lot. It left me considering and wanting to read articles to enhance my knowledge and practice."

"It was interesting to see how all the many different disciplines have something to offer. Nice to see engineers and bio-medics at the same conference as healthcare."

"Found the information given about the healthcare funding and future impact on training and TV extremely useful."

The venue

Business School, University of Huddersfield, Queensgate, Huddersfield, HD1 3DH

Tel: 01484 422 288

Parking for visitors to the University of Huddersfield is extremely limited and so therefore unfortunately we cannot offer on-site car parking for conference attendees. There is however a number of pay and display car parks within walking distance of the University, the closest being at the Kingsgate Shopping Centre.

From the M1 to Queensgate, Huddersfield

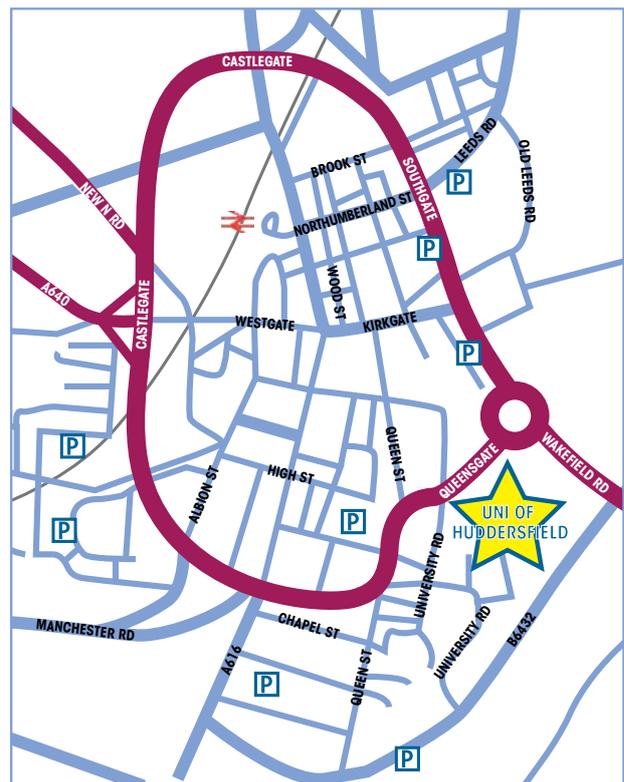
Exit the M1 at junction 38. At the roundabout take the second exit onto the A637 (signposted Huddersfield) for approximately 6 miles. At the third roundabout take the first exit onto the A642. On the approach to Huddersfield this turns into the A629. As you approach Huddersfield town centre, drive past Lidl supermarket on your left through two sets of traffic lights and up to the roundabout (University on your left hand side). Take the first exit at the roundabout and the entrance to the Queensgate car park is approximately 100 yards on the left.

From the M62 to Queensgate, Huddersfield

Please note there are three junctions off the M62 to Huddersfield. We have suggested Jct 25 as the easiest to find us. Exit the M62 at Junction 25 (see note above). Take the A644 towards Huddersfield and follow this road for approximately 1 mile. At the roundabout take the second exit (A62 Leeds Road). Proceed along the A62 towards Huddersfield following signs for the John Smith's Stadium. After approximately 2.5 miles you will pass the Leeds Road retail park on your left. Continue along the A62. At the next set of lights turn left onto Southgate. Get into the middle lane, following the signs for

the University. You will pass Sainsbury's on your left, keep right at the fork and go straight across the roundabout, following signs for the Ring Road. The entrance to the Queensgate car park will be approximately 100 yards on the left.

• Please note there are three junctions off the M62 to Huddersfield. We have suggested Jct 25 as the easiest to find us.



2nd Skin Integrity & Infection Prevention Conference

University of Huddersfield | 26th and 27th June 2017

Book today



www.jwcskinintegrity.com



+44 (0)20 7501 7648



laura.denne@markallengroup.com

Delegate Rates

2 days

Healthcare professionals

£100.00 ☐

Industry representatives

£200.00 ☐

Conference fee includes

Entrance to the conference, lunch & refreshments, full conference documentation and certificate of accreditation

Confirmation of booking

All bookings will be confirmed by email, unless otherwise stated. Please contact us if you have not received your confirmation 5-7 days after submitting your booking.

Exhibition & Sponsorship

If you are interested in exhibiting or sponsoring this event contact: Fenella Wenham on +44 (0)207 501 6671
fenella.wenham@markallengroup.com

The Venue

Business School,
University of Huddersfield,
Queensgate, Huddersfield, HD1 3DH

The conference will offer participants:

- The opportunity to debate key issues that are affecting practitioners in the real world of clinical practice
- An understanding of key elements for protecting tissue from sustained deformation
- An understanding of the importance of bioengineering in a MDT
- An insight into the future of effective wound imaging
- An understanding of using thermal imaging to identify surgical site infection
- The knowledge and skills for effective use of antimicrobial treatments
- The knowledge to protect patients from harm and the effect of wound infection on Deprivation of Liberties
- The knowledge to protect yourself from litigation

The conference is of interest to all healthcare professionals, microbiologists, engineers, researchers and academics