

INNOVATIONS IN CHRONIC WOUND MANAGEMENT



COLLEGE OF HUMAN & HEALTH SCIENCES

WELSH WOUND INNOVATION CENTRE

MSc MODULE/COURSE

COURSE CO-ORDINATORS:

YAMNI NIGAM AND TRUDIE YOUNG

Innovations in Chronic Wound Management - MSc module (SHVM50)/course

Day 1 **21/6/17** ***** **SHGE05/O**

AETIOLOGY AND PATHOPHYSIOLOGY OF CHRONIC WOUNDS

8:30 – 9:00	Registration and Enrolment Leanne Kelly Swansea University (SU)
9:00 – 9:15	Introduction to Module Yamni Nigam (SU) / Trudie Young Welsh Wound Innovation Centre (WWIC)
9:15 – 9:45	Physiology of Wound Healing Dr Yamni Nigam (SU)
9:45 – 10:15	Aetiology & Pathophysiology of Venous Leg Ulcers, Trudie Young (WWIC)
10.15 – 11.00	COFFEE AND EXHIBITION
11:00 - 11:30	Aetiology and pathophysiology of pressure ulceration Professor Michael Clark (WWIC)
11:30 – 12:15	Pathophysiology of the diabetic foot Nia J Jones (WWIC)
12:15 – 13:00	New Innovations in wound healing - Microclimate, electro-stimulation, compression Professor Michael Clark (WWIC)
13:00 – 2:15	LUNCH AND EXHIBITION
2:15 – 3:00	Tissue hypoxia and oxygen therapy including hyperbaric oxygen therapy Dr Gary Smerdon (Hyperbaric medical centre, Plymouth)
3:00 – 3:45	Role of Stem Cell therapy in wound healing Dr Ryan Moseley (CITER, Cardiff University)
3:45 – 4:30	Molecular and micro-environmental factors affecting wound healing Mr David Bosanquet (Vascular Surgery, Morriston Hospital)
4:30 – 5:15	Phototherapy Marc Clement, SU
5.15 -5:30	Concluding remarks - Dr Yamni Nigam (SU) / Trudie Young (WWIC)

Innovations in Chronic Wound Management - MSc module/course

Day 2 - 5/7/17

********* **SHGE05/P**

WOUND DEBRIDEMENT AND MANAGEMENT

8:30 – 9:00	Registration and enrolment <i>Leanne Kelly (SU)</i>
9:00 - 9:30	Non-healing wounds – diagnosis and management options <i>Trudie Young (WWIC)</i>
9:30 -10:00	Review of autolytic, Mechanical and innovative modes of wound debridement <i>Kirsty Mahoney (WWIC)</i>
10:00 – 10:30	Cellutome Therapy <i>Alastair Richards</i>
10:30 – 11:00	COFFEE AND EXHIBITION
11:00 – 11:30	Use of bioengineered skin (post debridement) in wound healing <i>Mr Ernest Azzopardi (SU)</i>
11:30 – 12:30	Surgical debridement and reconstruction <i>Mr Ernest Azzopardi (SU)</i>
12:30 – 1:00	Practical innovations in pressure ulcer care <i>Dr Lorna Tasker (PUPIS)</i>
1:00 – 2:30	LUNCH AND EXHIBITION
2:00 – 3:00	Debridement in traumatic wounds & challenges of military wounds <i>Lt Col Professor Stephen Jeffrey (University Hospital Birmingham)</i>
3:00 – 3:30	Sharp debridement from a podiatry perspective (including post procedural care) <i>Nia Jones (WWIC)</i>
3:30 – 4:15	Biological debridement and larval therapy <i>Dr Yamni Nigam (SU)</i>
4:15 – 4.30	Concluding remarks <i>Dr Yamni Nigam (SU) / Trudie Young (WWIC)</i>

Innovations in Chronic Wound Management - MSc module/course

Day 3 - 12/7/17

**** [SHGE05/Q](#)

WOUND INFECTION AND ANTIMICROBIALS

8:30 - 9:00	Registration and enrolment – <i>Leanne Kelly (SU)</i>
9:00 - 9:30	The skin as a barrier to infection/skin health <i>Dr Simon Danby (Sheffield University)</i>
9:30 - 10:00	Biofilms <i>Kath Vowden (Bradford University) CONFIRMED</i>
10:00 - 10:30	Microbiology of Wound Infections <i>Rose Cooper (Cardiff Met)</i>
10:30 - 11:00	Honey <i>Rose Cooper (Cardiff Met)</i>
11:00 - 11:30	COFFEE AND EXHIBITION
11:30 - 12:00	Silver <i>Jerry Hutchinson (Microbiologist)</i>
12:00 - 12:30	PHMB and new-generation antimicrobials <i>Jerry Hutchinson (Microbiologist)</i>
12:30 - 2:00	LUNCH AND EXHIBITION
2:00 - 3:00	Immunity and Wound Infection <i>Dr John Knight (SU)</i>
3:00 - 4:00	Past, present and future of wound healing <i>Professor Keith Harding (WWIC)</i>
4:00 - 4:15	Concluding remarks <i>Dr Yamni Nigam (SU) / Trudie Young (WWIC)</i>
4:15 - 5:15	(MSc students only) - Module Assignment guidelines, information sources and referencing. <i>Mr Stephen Storey (SU) & Tracey Williams (SU)</i>