



The Advanced Wound Care Course

Day 1 – Morning Session

08:30 - Registration and Refreshments

09:00

Welcome and Introduction

- Faculty
 - HEMI
 - Sponsors
-

09:20

Socratic Maieutic

- Short pre-test on wound healing and chronic wound knowledge
-

09:30

Pathophysiology of Wound Healing

- Cell-Cell Interactions
 - Processes of Inflammation
 - Acute vs Chronic Wound Pathophysiology
-

10.35 - Morning Tea and Coffee

10:55

Unifying Concepts of Chronic Wound Damage

- Role of Free Radicals & Reperfusion Injury
-

11:30

Diabetes and Foot Ulceration – Prevention, Assessment & Guidelines

- Pathophysiology
 - Clinical Assessment & Best Practice Guidelines
-

12:30 - Lunch Break and Networking



The Advanced Wound Care Course

Day 1 – Afternoon Session

13:30

Diabetic Foot Ulceration –

- Off-loading
 - Surgical Options
-

14:45

Understanding and differentiating diagnostic and laboratory tests for the diabetic foot and bone abnormalities

- X-ray review
 - MRI
 - CT
-

15:30 - Afternoon Tea and Coffee

15:50

Venous Disorders & Tissue Degeneration

- Understanding the Pathophysiology
 - Role of Oedema
 - Rates of Lower Limb Ulcer Healing
-

16:30

- Case Presentation and discussions
-

1700 - Close of Day One



The Advanced Wound Care Course

Day 2 – Morning Session

0830 – Welcome Tea & Coffee

0900

Understanding Regenerative Medicine

- Components of tissue regeneration
 - Role of Matrices
 - Mechanisms of Action
-

0930

Review of Advanced Regenerative Matrices

- Differentiating products
 - Economic viability
-

1000

Debridement: Options for Management

- Non-surgical considerations
 - Surgical intervention
-

1045 - Morning Tea and Coffee

1105

Wound Microbiology and Healing

- Colonisation vs Infection
 - Biofilms Differentiation
 - Quorum Sensing
-

1150

Topical versus Systemic Mechanisms of Antimicrobial Treatment

- Topical Antimicrobials
 - Systemic indications
-

1230 - Lunch Break and Networking



The Advanced Wound Care Course

Day 2 – Afternoon Session

13:30

Understanding Clinical and Research Data & Publications

- Clinical Trials
 - Levels of Evidence
-

1400

Assessing the Complex Wound

- What to look for Clinical Assessment
 - What investigations and why?
 - Biopsy & Histopathology
-

1430

Complex Wounds – Vasculitic, *Myco Ulcerans* and more

- Definition & Classification
 - Investigations
 - Management Options
-

15:30 Afternoon Tea & Coffee

15:50

Advanced Therapies & Technologies

- Wound Pharmaceuticals
 - Topical Dressings
 - NPWT
 - Hyperbaric Therapy
-

16:50

Discussion & Evaluation

17:00 - Close of Day Two