

## WPT2011 Satellite Programme



### Prevention, Assessment and Treatment of Chronic Wounds using Ultraviolet-C, Electrical Stimulation and Ultrasound, and Tissue Repair by Laser Therapy

Time	Topic	Speaker
8.30 – 9.00	Registration	
9.00 – 9.10	Introductions and Course Outline	Philip Gabel, Ethne Nussbaum
9.10 – 9.40	Tissue repair and chronic inflammation	Ethne Nussbaum, Jan Bjordal
9.40 -10.15	Etiology of chronic wounds. Risk factors and prevention strategies. Principles of wound management.	Ethne Nussbaum
10.15 – 10.35	Introduction to wound assessment	Pam Houghton
10.35 – 10.45	Ellipse method of wound measurement	Philip Gabel
20 min	Break	
11.05 – 11.45	Laser therapy in tissue repair. Biophysical properties, evidence-based justification and dosing.	Jan Bjordal
11.45 – 12:25	Ultrasound and Ultraviolet Therapy in wound healing. Biophysical properties, evidence-based justification and dosing.	Ethne Nussbaum
12:25 – 1.05	Electrical stimulation (Estim) in wound healing. Biophysical properties, evidence-based justification and dosing.	Pamela Houghton
10 min	Summary and Feedback	
1.15- 2.00	Break	
Practical Session A1 or A2 2.00 – 3.20	A1. Estim. Demonstration and practice applying Estim to Stage II-IV wounds. Application of assessment tools (staging wounds, the ellipse model and Photographic Wound Surface Assessment).  A2. Laser Therapy. Demonstration and practice applying LLLT in tendon and joint injuries	Pamela Houghton, Ethne Nussbaum  Jan Bjordal, Philip Gabel
20 min	Break	
Practical Session B1 or B2 3.40 – 5.00	B1. Laser Therapy in muscle injuries, nerve, pain and ischaemia.  B2. UVC. Demonstration and practice applying UVC to Stage II-IV wounds. Wound cleansing, topical applications, wound dressing systems.	Jan Bjordal, Philip Gabel  Ethne Nussbaum, Pamela Houghton
5.00 – 5.20	Q & A Feedback and discussion	All
10 min	Summing up & evaluation	Philip Gabel, Ethne Nussbaum
17.30	Close	