

BRITISH ASSOCIATION OF HAND THERAPISTS

MANAGEMENT OF THE BURN INJURED HAND / UPPER LIMB

TIMETABLE

Day 1	Content	Learning Objective	Time
Registration			8:30-9:00
Introduction	Welcome / housekeeping Explanation of role of BAHT representative Explanation of aims and objectives of course Explanation of exam / assessment		9:00-9:30
Burn injuries	Anatomical / biomechanical / functional properties of the skin Modes of injury Pathophysiology of the burn wound Assessment of extent & depth of burn injuries to the hand and upper limb	Review the layers of skin and their function in order to understand the process of tissue healing and potential complications following a burn injury to the hand Understand the variety of mechanisms of thermal injury and their implications for management and potential complications following a burn injury to the hand Understand the reaction of tissues to thermal injury and the healing process based on Jackson's model of the burn wound Understand how to accurately assess burn extent / depth and how this impacts upon the management of the burnt hand	9:30-12:30 (break at 10:45-11:00)
LUNCH			12:00-1:00
Workshop - Assessment of burn wounds	Rotate students around 4 x 30 minute	To be able to clinically reason the extent	1:00-3.00

	workshop stations Identification of extent / depth of burns from images and estimation of management plan / therapeutic implications	/ depth of burn injuries to the hand and upper limb and anticipate appropriate management both medically and therapeutically	
BREAK			3:00-3:15
Medical & surgical management of burns <ul style="list-style-type: none"> • Dressings • Escharotomy • Surgery • Secondary procedures 	Conservative and surgical management of hand burns. Secondary procedures for hand reconstruction	To understand the clinical reasoning for conservative vs surgical management of hand burns in both the acute and reconstructive phases of treatment and the therapeutic implications for these interventions	3:15-4:15
SUMMARY / QUESTIONS			4:15-4:30

Day 2			
Registration			8:30-9:00
The burnt hand <ul style="list-style-type: none"> • Assessment of the burnt hand • Common complications following hand burns 	Assessment tools Outcome measures Common complications Includes discussion / interaction with delegates	Review appropriate assessment tools and outcome measures for the burn injured hand Review common complications following burn injury to the hand and how to identify / prevent / treat these	9:00-10:45
BREAK			10:45-11:00
Overview of therapy management of the burn injured patient based on therapy standards	Therapeutic interventions for the patient with a burn injured hand / upper limb from the acute to reconstructive phase	Review the 2017 burns therapy standards and identify the appropriate therapeutic interventions based on clinical reasoning and available evidence	11:00-12:00
LUNCH			12:00-1:00
Workshop – Hand Therapy	Therapeutic interventions Rotate students around 4 x 45 minute workshop stations	To understand the process of clinical reasoning / treatment planning to meet the needs of the individual patient	1:00-1:45 1:45-2:30

	<ul style="list-style-type: none"> • Dressings • Positioning • Exercise • Strengthening 		<p>Break</p> <p>2:45-3:30</p> <p>3:30-4:15</p>
SUMMARY / QUESTIONS			4:15-4:30

Day 3			
Registration			8:30-9:00
Psychological management of the burn injured patient	The psychological impact of burn injuries to the hand / upper limb	Understand the psychological impact of a burn injury to the hand / upper limb Review the process of identifying psychological issues in burn injured patients and appropriate care / referral for support	9:00-10:00
Workshops – Hand Therapy	Therapeutic interventions Rotate students around 4 x 45 minute workshop stations <ul style="list-style-type: none"> • Pressure garments • Silicon • Sensory re-education • Function 	To understand the process of clinical reasoning / treatment planning to meet the needs of the individual patient	10:00-10:45 Break 11:00 -11:45 11:45-12:30
LUNCH			12:30-1:30
Workshops – Hand therapy	Therapeutic interventions Rotate students around 4 x 45 minute workshop stations <ul style="list-style-type: none"> • Pressure garments • Silicon • Sensory re-education 	To understand the process of clinical reasoning / treatment planning to meet the needs of the individual patient	1:30-2:15

	<ul style="list-style-type: none"> Function 		
Workshop - Case studies / scenarios	Rotate students around 2 x 15 minute workshop stations where case studies are presented and the students develop an individual problem list / treatment plan for each scenario	To understand the process of clinical reasoning / treatment planning to meet the needs of the individual patient	2:15-3:00
BREAK (prep room for exam)			3:00-3.15
Exam			3:15-4:25
SUMMARY / QUESTIONS			4:25-4:45

Workshop Details

All workshops will be interactive with direction / explanation from the facilitator.

Delegates will be encouraged to discuss their ideas / observations with the group and they will have the opportunity to try out assessment and treatment modalities.

All interventions will be linked back to the Therapy Standards and available evidence.

Workshop - Assessment of burn wounds	Rotate students around 4 x 30 minute workshop stations Identification of extent / depth of burns from images and estimation of management plan / therapeutic implications	A variety of images will be included of different wounds including superficial, partial and full thickness burn injuries to the hand and upper limb. Using the knowledge gained from the previous lecture the delegates will assess the burn depth and extent of the wounds and discuss the implications the wounds and their management will have on both short and long term rehabilitation. The delegates will use various assessment tools and as a group; reflect on their effectiveness
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Workshop – Treatment modalities	Therapeutic interventions Rotate students around 4 x 45 minute workshop stations <ol style="list-style-type: none"> Dressings e.g. gortex / plastic bags, Coban etc. Positioning 	Dressings: Delegates will have the opportunity to examine (and try on) a variety of dressings that are used for burn injuries and evaluate their properties plus the effect they have on rehabilitation Positioning: Delegates will clinically reason the most effective positioning for a variety of burn injury scenario's based on their knowledge of tissue healing and biomechanics of the upper limb. They will discuss the most effective way
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	<ol style="list-style-type: none"> 3. Exercise 4. Strengthening 	<p>of maintaining the positioning and the implications this has on the patient.</p> <p>Exercise: Delegates will develop exercise regimes for a variety of burn injury scenarios based on their knowledge of tissue healing and biomechanics of the upper limb. The scenarios will range from acute injuries to longer term rehabilitation cases.</p> <p>Strengthening: Delegates will develop upper limb strengthening regimes for a variety of burn injury scenarios based on their knowledge of tissue healing and biomechanics of the upper limb. The scenarios will range from acute injuries to longer term rehabilitation cases.</p>
Workshops - Treatment modalities	<p>Therapeutic interventions Rotate students around 4 x 45 minute workshop stations</p> <ol style="list-style-type: none"> 1. Pressure garments 2. Silicon 3. Sensory re-education 4. Function 	<p>Pressure garments: Delegates will have the opportunity to explore different types of pressure garment and reflect on the issues around patient adherence / effectiveness. There will be the opportunity for delegates to practice measuring / fitting garments</p> <p>Silicon: Delegates will have the opportunity to try different types of silicon products and reflect on their effectiveness / ease of use.</p> <p>Sensory re-education: Delegates will discuss the evidence / theory for sensory re-education and have the opportunity to try out some of the modalities.</p> <p>Function: Delegates will have the opportunity to explore functional rehabilitation from the acute to chronic stage of rehabilitation. They will discuss functional rehabilitation, work hardening and re-integration.</p>
Workshop - Case studies / scenarios	<p>Rotate students around 2 x 15 minute workshop stations where case studies are presented and the students develop an individual problem list / treatment plan for each scenario</p>	<p>In order to synthesis what they have learnt during the course, delegates will be given the opportunity to review both an acute and chronic patient scenario and develop an individual problem list / treatment plan.</p>