

## AOTrauma Course—Basic Principles of Fracture Management

09 Mar 2015 - 12 Mar 2015, Edinburgh, United Kingdom

### Monday, 09 Mar 2015 (Day 1)

Start	End	Title	Moderators/Faculty	Location/Documents	Duration
<b>11:30</b>	<b>19:45</b>	Moderator for the day			<b>495</b>
11:30	12:00	Other Registration with Coffee & Sandwiches		Foyer Area	30
12:00	12:15	Opening remarks Introduction - AO philosophy		Wolfson Hall B	15
12:15	12:35	Lecture Bone properties and modes of healing		Wolfson Hall B	20
12:35	12:45	Lecture The language of trauma/classification		Wolfson Hall B	10
12:45	12:55	Lecture Patient Fractures/Injury Mechanism		Wolfson Hall B	10
12:55	13:05	Lecture Open fractures		Wolfson Hall B	10
13:05	13:20	Lecture Soft tissue management & compartment syndrome		Wolfson Hall B	15
13:20	13:45	Tea, Coffee & Cake		Foyer Area	25
13:45	14:05	Lecture Spectrum of stability		Wolfson Hall B	20
14:05	14:20	Lecture Achieving stability - Screw technique		Wolfson Hall B	15
14:20	14:35	Lecture Achieving stability - Plate technique		Wolfson Hall B	15
14:35	14:40	Travel time to practical			5

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Start	End	Title	Moderators/Faculty	Location/Documents	Duration
14:40	15:40	Workshop Practical 1: Absolute stability - Part 1 Groups 1 & 2		Stewart Skills Lab	60
14:40	15:40	Workshop Skills Lab - Groups 3 & 4 ? - Stiffness of fixation ? - Drill penetration ? - Heat generation during drilling ? - Deformation fracture pattern ? - Torque measurement		Wolfson Hall A	60
15:40	16:00	Tea & Coffee		Foyer Area	20
16:00	17:00	Workshop Practical 1: Absolute stability - Part 1 Groups 3 & 4		Stewart Skills Lab	60
16:00	17:00	Workshop Skills Lab - Groups 1 & 2 ? - Stiffness of fixation ? - Drill penetration ? - Heat generation during drilling ? - Deformation fracture pattern ? - Torque measurement		Wolfson Hall A	60
17:00	17:05	Travel time to discussion			5
17:05	18:05	Discussion Discussion 1: Fracture healing and soft tissue		Discussion Rooms	60
18:05	18:10	Travel time to practical			5

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Start	End	Title	Moderators/Faculty	Location/Documents	Duration	
18:10	19:25	Workshop Practical 2: Absolute stability - Part 2		Stewart Skills Lab	75	
19:25	19:45	Other Faculty Meeting		Wolfson Hall B	20	

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### Tuesday, 10 Mar 2015 (Day 2)

Start	End	Title	Moderators/Faculty	Location/Documents	Duration
<b>08:40</b>	<b>17:00</b>	Moderator for the day			<b>500</b>
08:40	08:55	Lecture Relative stability - External fixators		Wolfson Hall B	15
08:55	09:00	Travel time to practical			5
09:00	10:00	Workshop Practical 3: External Fixation		Stewart Skills Lab	60
10:00	10:20	Tea & Coffee		Wolfson Hall A	20
10:20	10:35	Lecture Relative stability - Intramedullary techniques		Wolfson Hall B	15
10:35	10:40	Travel time to practical			5
10:40	12:00	Workshop Practical 4: Intramedullary nailing (included distal targeting)		Stewart Skills Lab	80
12:00	12:50	Lunch		Wolfson Hall A	50
12:50	14:20	Discussion Discussion 2: Diaphyseal fractures		Discussion Rooms	90
14:20	14:25	Travel time to lecture			5
14:25	14:45	Lecture Fractures of the proximal femur		Wolfson Hall B	20
14:45	15:05	Tea & Coffee		Wolfson Hall A	20
15:05	16:05	Workshop Practical 5: Proximal Femoral Fracture		Stewart Skills Lab	60

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Start	End	Title	Moderators/Faculty	Location/Documents	Duration
16:05	16:10	Travel time to lecture			5
16:10	16:30	Lecture AO Principles - What have we learnt so far?		Wolfson Hall B	20
16:30	17:00	Discussion Discussion of the day		Wolfson Hall B	30

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### Wednesday, 11 Mar 2015 (Day 3)

Start	End	Title	Moderators/Faculty	Location/Documents	Duration
<b>08:30</b>	<b>18:00</b>	Moderator for the day			<b>570</b>
08:30	09:30	Workshop Practical 6: Tension Band Wiring		Stewart Skills Lab	60
09:30	09:50	Tea & Coffee		Wolfson Hall A	20
09:50	10:50	Discussion Patient positioning		Wolfson Hall A	60
10:50	10:55	Travel time to practical			5
10:55	12:05	Workshop Practical 7: Locking plates inc Elephant screw model		Stewart Skills Lab	70
12:05	12:50	Lunch		Wolfson Hall A	45
12:50	13:10	Lecture Fractures of the wrist		Wolfson Hall B	20
13:10	13:30	Lecture Fractures of the forearm		Wolfson Hall B	20
13:30	14:00	Lecture Pre-operative planning and interactive session		Wolfson Hall B	30
14:00	14:05	Travel time to practical			5
14:05	14:35	Workshop Practical 8: Planning of radius and ulna fracture		Stewart Skills Lab	30
14:35	15:35	Workshop Practical 8: Radius and ulna		Stewart Skills Lab	60
15:35	15:55	Tea & Coffee		Wolfson Hall A	20

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### Wednesday, 11 Mar 2015 (Day 3)

Start	End	Title	Moderators/Faculty	Location/Documents	Duration
15:55	17:25	Discussion Discussion 3: Articular fractures		Discussion Rooms	90
17:25	17:30	Travel time to lecture room			5
17:30	18:00	Discussion Discussion of the day		Wolfson Hall B	30

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### Thursday, 12 Mar 2015 (Day 4)

Start	End	Title	Moderators/Faculty	Location/Documents	Duration
<b>09:00</b>	<b>16:45</b>	Moderator for the day			<b>465</b>
09:00	09:20	Lecture Fractures of the ankle		Wolfson Hall B	20
09:20	09:25	Travel time to practical			5
09:25	09:50	Workshop Practical 9: Planning of ankle fractures		Stewart Skills Lab	25
09:50	10:50	Workshop Practical 9: Type C ankle fractures		Stewart Skills Lab	60
10:50	11:05	Tea & Coffee		Wolfson Hall A	15
11:05	11:35	Lecture Emergency management of pelvis fractures and pelvic binder demo		Wolfson Hall B	30
11:35	11:55	Lecture Damage control orthopaedics		Wolfson Hall B	20
11:55	12:00	Travel time to discussion rooms			5
12:00	13:00	Discussion & decision Decision making - Polytrauma and open fractures		Discussion Rooms	60
13:00	13:40	Lunch		Wolfson Hall A	40
13:40	14:55	Workshop Practical 10: DCO Ex-fixes		Stewart Skills Lab	75
14:55	15:00	Travel time to discussion rooms			5



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### Thursday, 12 Mar 2015 (Day 4)

Start	End	Title	Moderators/Faculty	Location/Documents	Duration	
15:00	15:50	Discussion AO Principles - Application to clinical cases		Discussion Rooms	50	
15:50	16:30	Lecture Decision making - complications		Discussion Rooms	40	
16:30	16:35	Travel time to lecture room			5	
16:35	16:45	Lecture Summary and close of course		Wolfson Hall B	10	