

Monday 24. 9.

8:45	Welcome and introduction to the Faculty ALL	Lecture
9:00	Introduction to Gait Analysis Sebastian Wolf	Lecture
9:15		
9:30	Normal gait Han Houdijk	Lecture
9:45		
10:00	Musculoskeletal requirements for gait Adam Shortland	Lecture
10:15		
10:30	Neurological requirements for gait Kaat Desloovere	Lecture
10:45		
11:00	Musculoskeletal or Neurological? Adam Shortland, Kaat Desloovere	Debate
11:15		
11:15	Coffee Break	
11:30		
11:45	Development of normal gait Martin Gough	Lecture
12:00		
12:15	Gait changes in older adults Jaap Buurke	Lecture
12:30		
12:45	Case study (stroke) Jaap Buurke	Case discussion
13:00		
13:15		
13:30	Lunch	
13:45		
14:00	Fundamentals of mechanics Adam Shortland	Lecture
14:15		
14:30	Application of mechanics Neil Postans	Practical
14:45		
15:00	From markers to models Sebastian Wolf	Lecture
15:15		
15:30		
15:30	Coffee Break	
15:45		
16:00	Moments and Rotations – smarhpone apps Gabor Barton	Lecture (interactive)
16:15		
16:30	Critical review of descriptions of motion Neil Postans	Lecture
16:45		
17:00	Case study (critical analysis) Andrew Roberts	Case discussion
17:15	Q&A	Panel
17:45	ALL	

Tuesday 25. 9.

8:30	Quiz/re-cap Day 1 Adam Shortland				Interactive
8:45	Clinical Examination Andrew Roberts				Lecture
9:00	Video assessment Jaap Buurke				Lecture
9:15	Kinematics during gait Sebastian Wolf				Lecture
9:30	Kinetics during gait Han Houdijk				Lecture
10:00	Kinetics during gait Han Houdijk				Lecture
10:15	Kinetics during gait Han Houdijk				Lecture
10:30	Kinetics during gait Han Houdijk				Lecture
10:45	Kinetics during gait Han Houdijk				Lecture
11:00	Coffee Break				
11:15	Coffee Break				
11:30	EMG during gait Kaat Desloovere				Lecture
11:45	EMG during gait Kaat Desloovere				Lecture
12:00	EMG during gait Kaat Desloovere				Lecture
12:15	Evaluating validity of data Han Houdijk				Lecture /practical
12:30	Evaluating validity of data Han Houdijk				Lecture /practical
12:45	Quality assurance Neil Postans				Lecture
13:00	Quality assurance Neil Postans				Lecture
13:15	Quality assurance Neil Postans				Lecture
13:30	Lunch				
13:45	Lunch				
14:00	Lunch				
14:15	Practical 1 Marker placement <i>Julie Stebbins</i>	Practical 2 EMG placement <i>Kaat Desloovere</i>	Practical 3 Troubleshooting <i>Neil Postans</i>	Practical 4 Gait lab setup <i>Adam Shortland</i>	
14:30	Marker placement <i>Julie Stebbins</i>	EMG placement <i>Kaat Desloovere</i>	Troubleshooting <i>Neil Postans</i>	Gait lab setup <i>Adam Shortland</i>	
14:45	Marker placement <i>Julie Stebbins</i>	EMG placement <i>Kaat Desloovere</i>	Troubleshooting <i>Neil Postans</i>	Gait lab setup <i>Adam Shortland</i>	
15:00	Coffee Break				
15:15	Coffee Break				
15:30	Practical 1 Marker placement <i>Julie Stebbins</i>	Practical 2 EMG placement <i>Kaat Desloovere</i>	Practical 3 Troubleshooting <i>Neil Postans</i>	Practical 4 Gait lab setup <i>Adam Shortland</i>	
15:45	Marker placement <i>Julie Stebbins</i>	EMG placement <i>Kaat Desloovere</i>	Troubleshooting <i>Neil Postans</i>	Gait lab setup <i>Adam Shortland</i>	
16:00	Marker placement <i>Julie Stebbins</i>	EMG placement <i>Kaat Desloovere</i>	Troubleshooting <i>Neil Postans</i>	Gait lab setup <i>Adam Shortland</i>	
16:15	Principles of data interpretation Kaat Desloovere				Lecture
16:30	Principles of data interpretation Kaat Desloovere				Lecture
16:45	Q&A ALL				Panel
17:00	Q&A ALL				Panel

Wednesday 26. 9.

9:00	Quiz/re-cap Day 2 Andrew Roberts				Interactive
9:15	Integrating data Martin Gough				Lecture
9:30					
9:45	Communicating gait data Han Houdijk				Lecture/ practical
10:00					
10:15	Case example – tie things together Andrew Roberts				Lecture
10:30					
10:45					
11:00	Coffee Break				
11:15					
11:30	Case example 1				Workshop
11:45					
12:00					
12:15	Group 1 Julie Stebbins	Group 2 Sebastian Wolf	Group 3 Jaap Burke	Group 4 Martin Gough	
12:30					
12:45					
13:00	Lunch				
13:15					
13:30					
13:45					
14:00	Case example 2				Workshop
14:15					
14:30					
14:45	Group 1 Kaat Desloovere	Group 2 Andrew Roberts	Group 3 Neil Postans	Group 4 Han Houdijk	
15:00					
15:15					
15:30	Coffee Break				
15:45					
16:00	Case example 3				Workshop
16:15	Group 1 Julie Stebbins	Group 2 Jaap Burke	Group 3 Kaat Desloovere	Group 4 Neil Postans	
16:30					
16:45					
17:00	Final comments ALL				Interactive