OMI – MUW Seminar in Infusion Therapy & Volume Monitoring, July 13 – 19, 2014
As per January 24, 2014

	Sunday 13.7.	**Monday** 14.7.	**Tuesday** 15.7.	**Wednesday** 16.7.	**Thursday** 17.7.	**Friday** 18.7.	**Saturday** 19.7.
07:00 – 08:00		**BREAKFAST**	**BREAKFAST**	**BREAKFAST**	**BREAKFAST**	**BREAKFAST**	**DEPARTURE**
		Physiology & Treatment options	**Monitoring**	**EBM & clinical secrets: Infusion therapy in ….**	**EBM & clinical secrets: Infusion therapy in ….**	**Outlook**	
08:00 – 09:00		**Introduction Pre-Seminar Test**	**Conventional macrocirculatory (pressure) monitoring**	**Severe perioperative bleeding**	**Definitions & diagnosis: sepsis, kidney dysfunction**	**Simulations & maths in infusion therapy**	
				Cardiac surgery	**Infusion therapy in sepsis**		
09:00 – 10:00		**Basics in physiology I: Infusion therapy = fluid substitution + volume resuscitation**	**Cardiac preload (dynamic) monitoring**	**Paediatric surgery**		**Statistics in recent big fluid trials**	
				Delivery & obstetric surgery		**Ethics, public & licensing authorities**	
10:00 – 10:30		**COFFEE BREAK**	**COFFEE BREAK**	**COFFEE BREAK**	**COFFEE BREAK**	**COFFEE BREAK**	
10:30 – 11:30		**Basics in physiology II: circulation, oxygen transport, tissue perfusion**	**Microcirculatory monitoring**	**Abdominal surgery**	**De-resuscitation**	**Future treatment options: Superfluids, algae et al.**	
				Neurosurgery, organ donation, head trauma	**Infusion therapy in non-septic critical illness**		
11:30 – 12:30		**Basics in physiology III: endothelial glycocalyx, Frank-Starling mechanism**	**Metabolic monitoring**	**Blunt, penetrating & burn trauma**		**Brainstorming on Global Networking**	
				Prehospital massive bleeding, anaphylactic shock, cardiogenic shock			
12:30 – 14:00		**LUNCH**	**LUNCH**	**LUNCH**	**LUNCH**	**LUNCH**	
14:00 – 14:45		**Basics in physiology IV: acid-base status**	**Simulation training**	*Case Presentations 1 (surgical settings)* **Fellows & Faculty**	*Case Presentations 2 (ICU settings)* **Fellows & Faculty**	**Post-Seminar Test**	
15:00 – 15:30		**Treatment options I: crystalloids, synthetic colloids**	**Workshop** *Hands-on (cardiac preload monitoring, microcirculation)*				
15:30 – 16:30		**Treatment options II: albumin**					
16:30 – 17:00		**Treatment options III: catecholamines**					
17:00 – 18:00	Faculty only: Preview of the week	**Treatment options IV: Allogeneic blood products**					
19:00 – 20:00	*19:00* **Welcome**	**DINNER**	**Dinner**	**DINNER**	**DINNER**	**Farewell & Graduation** Certificates Awarded	