

International Advanced Course on Epidemiology

18-29 October 2010

Institute for Medical Research, Kuala Lumpur, Malaysia

Day 1, Monday (18th October, 2010)		
Time	Program/Topic	
08:30 - 09:00	Registration of Participants	Secretariat
09:00 - 09:10	Welcome note address	Dr. Shahnaz Murad Director Institute for Medical Research MOH, Malaysia
09:10 - 09:20	Welcome note address	Prof. Dr. Pratap Singhasivanon
09:20 - 09:40	Opening Ceremony	Dato' Dr. Maimunah A. Hamid Deputy Director General of Health (R&TS) MOH, Malaysia
09:40 - 10:00	Course Introduction	Dr. Hj. Amal Nasir Mustafa
10:00 - 10:30	Tea Break	
10:30 - 11:30	Epidemiologic Direction	Prof. Dr. Pratap Singhasivanon
11:30 - 13:00	Review of epidemiologic Measures	Prof. Dr. Syed Hatim
13:00 - 14:00	Lunch	
14:00 - 17:00	Review of Types of epidemiological Studies	Prof. Dr. Syed Hatim
17:00	Tea Break/ adjourn	
Day 2, Tuesday (19th October, 2010)		
08:30 - 10:30	Bias, Confounding & Misclassification	Prof. Dr. Pratap Singhasivanon
10:30 - 11:00	Tea Break	
11:00 - 13:00	Bias, Confounding & Misclassification (Practical/Statistical Computing Session)	Prof. Dr. Pratap Singhasivanon
13:00 - 14:00	Lunch	
14:00 - 15:00	Effect Modification	Prof. Dr. Pratap Singhasivanon
15:00 - 17:00	Effect Modification (Practical/Statistical Computing Session)	Prof. Dr. Pratap Singhasivanon
17:00	Break	

Day 3, Wednesday (20th October, 2010)		
08:30 - 10:30	Principle of matching	Prof. Dr. Pratap Singhasivanon
10:30 - 11:00	Break	
11:00 - 12:30	Analysis of Matched Data (Practical/Statistical Computing Session)	Prof. Dr. Pratap Singhasivanon
12:30 - 14:00	Lunch	
14:00 - 16:00	Continuation	Prof. Dr. Pratap Singhasivanon
16:00	Break	
Day 4, Thursday (21st October, 2010)		
08:30 - 10:30	Epidemic Investigation	Dr. Shaari Ngadiman
10:30 - 11:00	Break	
11:00 - 13:00	Epidemic Investigation - Simulation (Group work)	Dr. Shaari Ngadiman Facilitator
13:00 - 14:00	Lunch	
14:00 - 17:00	Epidemic Investigation - (group Presentation)	Dr. Shaari Ngadiman Facilitator
17:00	Break	
Day 5, Friday (22nd October, 2010)		
08:30 - 10:30	Disease Surveillance (Non infectious)	Dr. Shaari Ngadiman
10:30 - 11:00	Tea Break	
11:00 - 13:00	Disease Surveillance (Infectious)	Dr. Shaari Ngadiman
13:00 - 14:00	Lunch	
14:00 - 17:00	Molecular & Genetic Epidemiology	Dr. Hj. Amal Nasir Mustafa
17:00	Break	
Day 6, Monday (25th October, 2010)		
08:45-09:30	Common study designs in medical research	Prof. Dr. Syed Hatim
09:30-09:45	Tea Break	
09:45-10:45	Univariable Statistical Analysis: Which to Choose?	Prof. Dr. Syed Hatim
10:45-12:30	Overview of Univariable Analysis	Prof. Dr. Syed Hatim
12:30-14:00	Lunch	
14:00-17:00	Univariable Analysis: Numerical Data Analysis	Prof. Dr. Syed Hatim
17:00	Break	

Day 7, Tuesday (26th October, 2010)		
08:30-09:30	Univariable Analysis: Categorical Data Analysis	Prof. Dr. Syed Hatim
09:30-09:45	Tea Break	
09:45-10:30	Correlation	Prof. Dr. Syed Hatim
10:30-11:30	Simple Linear Regression	Prof. Dr. Syed Hatim
11:30-12:30	Sample Size Determination	Prof. Dr. Syed Hatim
12:30-14:00	Lunch	
14:00-14:30	Overview of Multivariable Analysis	Prof. Dr. Syed Hatim
14:30-17:00	Multiple Linear Regression	Prof. Dr. Syed Hatim
17:00	Tea	
Day 8, Wednesday (27th October, 2010)		
08:30-09:30	Multiple Logistic Regression I	Prof. Dr. Syed Hatim
09:30-09:45	Tea Break	
09:45-12:30	Multiple Logistic Regression II	Prof. Dr. Syed Hatim
12:30-14:00	Lunch	
14:00-17:00	Cox Proportional Hazards Regression	Prof. Dr. Syed Hatim
17:00	Tea	
Day 9, Thursday (28th October, 2010)		
08:30-09:30	One-Way & Multifactorial ANOVA	Prof. Dr. Syed Hatim
09:30-09:45	Tea Break	
09:45-11:00	ANCOVA	Prof. Dr. Syed Hatim
11:00-12:30	Repeated Measures ANOVA	Prof. Dr. Syed Hatim
12:30-14:00	Lunch	
14:00-17:00	Meta-analysis	Prof. Dr. Syed Hatim
17:00	Tea	
Day 10, Friday (29th October, 2010)		
08:30 - 10:30	Disability Adjusted Life Years (DALYs)	Dr. Ahmad Faudzi
10:30 - 11:00	Tea Break	
11:00 - 11:30	Course Evaluation	Secretariat
11:30 - 12:15	Closing Ceremony	Dr. Shahnaz Murad Director Institute for Medical Research MOH, Malaysia
12:15 - 15:00	Lunch & Friday Prayer	