

RESEARCH METHODOLOGY COURSE & WORKSHOP

{ Proposal writing and data analysis, interpretation and presentation }

King Abdullah International Medical Research Center(KAIMRC)
King Saud BinAbdulaziz University for Health Sciences(KSAU-HS)
King Abdulaziz Medical City – Riyadh

Research Methodology Course & Workshop

Course Coordinator & Instructor: Professor Mostafa Abolfotouh

Venue : EBM- College of Medicine

Date : 13-15 March , 2010

Course Program

Day	Time	Topic	Presentation
DAY I	07:30-8:00	Registration & Breakfast	
	08:00-9:00	Introduction to Research Methodology	Lecture
	9:00-10:00	Identification & Prioritization of Research Topic/Problem	Lecture
	10:00-10:30	COFFEE BREAK	
	10:30-11:30	Literature Review & Sources of Data	Lecture & Practical
	11:30-12:00	Formulation of Research Objective	Lecture & Practical
	12:00-01:00	LUNCH BREAK	
	01:00-02:00	Types of Variables	Lecture
	02:00-02:30	Confounding and modifiers	Lecture & Practical
	02:30-03:00	COFFEE BREAK	
	03:00-04:00	Introduction to Study Design	Lecture
	04:00-05:00	Descriptive Studies	Lecture
DAY II	07:30-08:00	BREACKFAST	
	08:00-09:00	Analytical Studies	Lecture
	09:00-10:00	Experimental Studies	Lecture
	10:00-10:30	COFFEE BREAK	
	10:30-11:30	Causation and Association	Lecture & Practical
	11:30-12:30	Types of Biases in Research	Lecture
	12:30-01:30	LUNCH BREAK	
	01:30-02:30	Data Collection Tools	Lecture & Practical
	02:30-03:30	Diagnostic tests in Medicine	
	03:30-04:00	COFFEE BREAK	
04:00-05:00	Sampling Techniques	Lecture	
DAY III	07:30-08:00	BREACKFAST	
	08:00-09:00	Hypothesis Testing	Lecture
	09:00-10:00	Data Management	
	10:00-10:30	COFFEE BREAK	
	10:30-11:30	Data Analysis :Basic statistics	Lecture & Practical
	11:30-12:30	Data Analysis :Analytical Statistics	Lecture & Practical
	12:30-01:30	LUNCH BREAK	
	01:30-.2:30	Presentation& Interpretation of Research Results	Lecture & Practical
	2:30-3:30	Ethical Issues of Biomedical Research	Lecture
	03:30-04:00	COFFEE BREAK	
	04:00-05:00	How to Write Manuscript& get your Research Published?	Lecture & Practical
	05:00-05:15	CLOSING	