



King Abdullah International Medical Research Center – Eastern Region
 King Saud bin Abdulaziz University for Health Sciences
 Ministry of National Guard- Health Affairs

RESEARCH METHODOLOGY COURSE

Date: 10 - 11 September 2023

Venue: KAIMRC-ER, KSAU-HS Al Ahsa

PROGRAM

Day 1

TIME	TOPICS	SPEAKER
0730-0800	Registration & breakfast	
0800-0815	Welcome & opening remarks	
0815-0900	How to generate research idea and select research topic	Dr. Jamaan
0900-0945	Quantitative study design "observational studies"	Dr. Jamaan
0945-1000	Coffee break	
1000-1045	Quantitative study design "Experimental studies"	Dr. Jamaan
1045-1130	Quantitative study design "Systematic review & meta-analysis"	Dr. Jamaan
1130-1230	Prayer & lunch break	
1230-1315	Basic qualitative study designs	Dr. Jamaan
1315-1400	Search for scientific evidence and references management	Ms. Arwa
1400-1415	Coffee break	
1415-1500	Practical session: Select research idea, write objectives, select study design, and write proposal	Dr. Jamaan
1500-1545	Practical session: Search for scientific evidence and references management	Ms. Arwa
1545-1615	Open discussion & Closing Remarks	

Day 2

TIME	TOPICS	SPEAKER
0745-0815	Registration & breakfast	
0815-0900	Critical appraisal	Dr. Jamaan
0900-0945	Manuscript writing, dissemination of findings and publication	Dr. Jamaan
0945-1000	Coffee break	
1000-1045	Designing and validation of data collection tool	Ms. Arwa
1045-1130	ICH-GCP	Ms. Arwa
1130-1230	Prayer & lunch break	
1230-1315	Sample size calculation & sampling technique	Ms. Seham
1315-1400	Descriptive and inferential data analysis	Ms. Seham
1400-1415	Coffee break	
1415-1500	Practical session: Sampling and data analysis	Ms. Seham
1500-1545	Practical session: Critical appraisal	Dr. Jamaan
1545-1615	Open discussion & Closing Remarks	