

Reem Hoteit

BRIEF DESCRIPTION OF RESEARCH ACTIVITIES

Name: Reem Hoteit **Affiliation:** 1) American University of Beirut, Research consultant
2) Islamic University of Lebanon, Lecturer of Epidemiology and Biostatistics

Keywords, expertise (Up to10):

Public Health, occupational health, infectious diseases, health services, mental health, community health, epidemiological statistics and data analytics, non-communicable diseases, nutrition, refugees.

Introduction & Research program:

Few years ago, I earned my MSc. degree in Epidemiology and Biostatistics from the American University of Beirut (AUB). As a research coordinator and consultant, I handled multiple tasks and projects that included advanced statistical analyses, writing proposals and manuscripts. Mainly, my research was related to occupational, community and mental health.

Main undertaken research projects:

Nowadays, I am collaborating with researchers conducting the following projects:

Project 1: The Association between Polypharmacy and Dementia in Primary Care: A Case-Control Study

The number of individuals with dementia in the North African and the Middle Eastern region is expected to increase by 125 percent which is the second fastest rate of increase in the world. People with dementia have a higher burden of comorbid physical disease and polypharmacy than those without dementia. Using a case-control study design, the primary objective of our study is to study the association between polypharmacy and dementia.

Project 2: Community Health Assessment of Needs and Continuous Empowerment: a mixed methods approach

Nurses are perhaps the single largest professional human resource involved in all aspects of care in most PHCs. Using a survey approach, the primary purpose of the study is to gather information on the current use of core competencies required by community-based nurses. The secondary purpose is to assess the learning needs of nurses working in the National Network of PHCs where the results of the current survey could serve as a baseline for exploring future trends and learning needs.

Project 3: Impact of COVID-19 Pandemic on the Nutritional Status, Lifestyle, Depression, and Stress among Pregnant Women in Some Arab Countries

Maternal malnutrition is linked to negative pregnancy outcomes. The Coronavirus epidemic has created stress and anxiety for pregnant women in different parts of the world. The aim of this study is to investigate the impact of COVID-19 Pandemic on the food consumption, lifestyle factors as well as stress and anxiety and depression among pregnant women,

Recently Completed Research Projects

1) Occupational Exposure to Blood Borne Pathogens among Healthcare Workers in a Tertiary Care Center in Lebanon. Annals of work exposure and health; 2) Risks and benefits of QuantiFERON®-TB testing for LTBI screening of health workers; 3) Primary care physicians' awareness and perceptions on adherence to primary cardiovascular disease prevention guidelines in Lebanon: A cross-sectional study; 4) A Community-Based School Nutrition Intervention Improves Diet Diversity and School Attendance in Palestinian Refugee Schoolchildren in Lebanon; 5) Knowledge and Attitude of Primary Care Physicians Towards Obstructive Sleep Apnea in the Middle East and North Africa Region.

Support (Grants and Contracts)

None