



# National Health Research Priorities Jordan 2009 - 2012

## \* Objectives of the priority-setting process

- To develop the national health research priority list.
- To integrate national efforts in the field of health research.
- To reallocate health research funds from lower to higher priorities.

## \* Criteria for identifying priority research areas

- Burden of disease
- Ethical acceptability
- Avoidance of duplication
- Evidence based impact
- Applicability
- Health policy implications

## \* Steps in the preparation of the health research priorities

- Formulation of a national committee.
- Setting criteria for identifying priority research areas.
- Collection of data relevant to the national health status.
- Review of the Jordan population and family health survey 2007.
- Review of global burden of disease estimate for Jordan 2004 WHO update.
- Review of the mortality in Jordan 2005.
- Review of cancer registry statistics in Jordan 2005.
- Review of the statistical yearbook MoH, Jordan 2007.
- Preparation by the group of a preliminary list of priority research areas.
- Rounds of discussions of the preliminary list of priority research areas.
- Finalize the list of priority research areas.

## **\* Priority Research Areas**

### **1- Non-communicable Diseases :**

- *Cardiovascular*
  - Hypertension
  - Myocardial infarction
  - Rheumatic disease
- *Cancers*
  - Breast
  - Colon and rectum
  - Lung
  - Cervix
  - Leukemia
- *Injuries*
  - Road Traffic Accidents
  - Home injuries
- *Endocrine*
  - Diabetes mellitus
- *Obesity*
  - Dyslipidemias
- *Osteoporosis*
- *Neuropsychiatric disorders*
  - Drug use disorders
  - Unipolar depressive disorders
  - Obsessive-compulsive disorders
  - Schizophrenia
  - Bipolar affective disorders

### **2- Maternal and Child Health:**

- *Perinatal :*
  - birth asphyxia and birth trauma
  - Prematurity and low birth weight
- *Nutritional Deficiencies :*
  - vitamin B12 deficiency
  - vitamin D deficiency
  - iron-deficiency
  - iodine deficiency
  - vitamin A deficiency

### **3- Reproductive Health:**

- *High Risk Pregnancies*
- *Family planning*
- *Cesarean Delivery*
- *Adolescent Fertility Rate*
- *Menarche and Menopause*
- *Abortion*

### **4- Health Behavior:**

- *Smoking*
- *Dietary habits*
- *Exercise*
- *Drug abuse*
- *Sexually transmitted infections*
- *Alcohol consumption*

## **5- Health System and Health Policy :**

- *Utilization of research results in policy making.*
- *Rational drug use*
- *Human Resources for health.*
- *Medical liability*
- *Health insurance*
- *Equity of health services especially for vulnerable groups.*
- *Availability of standard medical records in health care facilities.*
- *Health care utilization and expenditure.*
- *Measures of patient safety and provider safety.*
- *Satisfaction with health care services among beneficiaries.*
- *Hospital acquired infections.*
- *Health system governance*
- *Improving the use of the health management Information system.*
- *Medical tourism*
- *Effectiveness of international sponsored health projects*
- *Non state health sector*

- *Enabling environment for women's greater participation at different levels of health management.*
- *Macro economics and health*
- *Emergency services*

## **6- Environmental Health:**

- *Food safety and contamination*
- *Safe water and sanitation*
- *Medical waste*
- *Air pollution*
- *Pesticides*
- *Climate change*

## **7- Communicable Diseases:**

- *Hepatitis B & C*
- *Respiratory infections*
- *Diarrhoeal diseases*
- *Sero-conversion of vaccines.*

## **8- Demographic Transition**

## **9- Oral Health**

## National committee members

- |                                      |   |
|--------------------------------------|---|
| <b>1. Dr. Janet Merza</b>            | Secretary General, Ministry of Health, Head of the Committee                            |
| <b>2. Professor Kamal Bani Hani</b>  | Dean of Faculty of Medicine, Jordan University of Science and Technology                |
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| <b>6. Dr. Majd Mrayyan</b>           | Dean of Faculty of Nursing, Hashemite University  |
| <b>7. Dr. Abed Alhalim Almousa</b>   | Jordan Medical Association  |
| <b>8. Dr. Musa Ajluni</b>            | Higher Population Council   |
| <b>9. Dr. Adel Belbesi</b>           | Director of Primary Health Administration, Ministry of Health                           |
| <b>10. Dr. Yousef Khadder</b>        | Higher Council for Science and Technology   |
| <b>11. Dr. Yasin Al Tawarah</b>      | Royal Medical Services  |
| <b>12. Architect Qasim Al Na`san</b> | Director of Planning Administration, Ministry of Health                                 |
| <b>13. Dr. Jamal Abu Saif</b>        | Director of Technical Affairs, High Health Council                                      |
| <b>14. Pharm. Laila Jarar</b>        | Jordan Food and Drug Administration.  |
| <b>15. Dr. Sawsan Aldaajah</b>       | Queen Zein Al Sharaf Institute for Development  |
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