



Institute of Health Care Management and Development



**INSTITUTE OF HEALTH CARE MANAGEMENT AND DEVELOPMENT,  
PESHAWAR**

**IN**

**COLLABORATION WITH HEALTH SERVICES ACADEMY ISLAMABAD (DEGREE  
AWARDING INSTITUTE, GOVERNMENT OF PAKISTAN)**

# Certificate in Health Research

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## Description

This program is designed to be taken by Academic Clinical Fellows alongside work commitments, the Health Research program exists in order to enable students to:

- develop skills of research, design and data analysis in both qualitative and quantitative research
- critically evaluate health research
- identify, critically appraise and incorporate the results of medical and social science research into the day-to-day decision-making of clinical, scientific and administrative practice
- apply the principles of evidence-based practice in health care settings
- plan how to implement the findings of research to improve health care
- Use theories and principles underpinning clinical research to inform their own research practice.

## Program details

- The Postgraduate Certificate is normally completed between 06 Months. It consists of two Contact Sessions assessed taught modules and includes thorough introductions to the principles of evidence-based practice in health, and to study design and research methods.

## **Course outline for Certificate in Health Research (CHR)**

- Introduction to Research and Health Research
- Types of Research(Qualitative, quantitative) and Research study designs (All study designs)
- Basics of Epidemiology-Introduction, Basic terminologies, Epidemiological measurement
- Proposal Writing-Steps in proposal writing, Contents, Title selection
- Questionnaire development-Steps in questionnaire development and its validation
- SPSS, Mendeley and End Note use in research-Data entry and hands on practice for data analysis and handling
- Thesis writing- Contents and methodology for thesis writing
- Abstract writing

## Course aims

At the end of the course students will be able to:

- demonstrate a knowledge of the principles, methods and techniques appropriate for solving evidence-based health care/health-research problems and be able to translate (through a critical comprehension of the relative advantages and disadvantages) that understanding into good clinical practice
- demonstrate a range of research skills enabling them to complete research successfully, either as part of a research team or as an individual
- acquire, interpret and analyze biological information with a critical understanding of the appropriate contexts for their use through the study of the existing primary literature in the field
- apply skills and expertise gained across the medical and biological sciences expected of professional researchers

Students will know and understand:

- health-care organizations, their management and the changing context in which they operate
- the ethical issues in health research and research governance
- methods to integrate and synthesize different sorts of information, from diverse sources, when making both individual patient and health-policy decisions in a wide range of situations
- the key issues for evidence-based practice in their own professional area or specialty
- how to work comfortably in situations of uncertainty and make sound judgements in the absence of definitive evidence
- research methods and concepts in the field of health and health care

All graduates of the Postgraduate Certificate in Health Research will be able to:

- understand the role of most commonly used methods appropriate for specifying problems through a critical comprehension of the relative advantages and disadvantages of these methods
- understand and express the main principles of some commonly applied techniques and methods
- Explain the rationale for the selection of tools used in the analysis of phenomena.

### **ELIGIBILITY CRITERIA**

- MBBS/BDS or 16 years of education in Health & Allied Sciences Discipline like MBBS, BDS. Nursing, Physiotherapy, Pharmacy etc. Computer literacy in MS Office.

### **Credit Hours:**

**08** (5 credit hours for 02 Contact Sessions and 3 credit hours for assignments)

### **Total duration and Format:**

6 months (24 weeks, including contact sessions, assignments and comprehensive examination).

### **Program Fee: Rs 50,000/-**

- **Address:** Institute of Health Care Management and Development, (Imperial Education System Building) Opposite Roots Millennium Schools System Gul abad, Phase-III Chowk Jamrud Road Peshawar.

For Further detail Please contact.

**Director / Program Coordinator**

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