



مستشفى الملك فيصل التخصصي ومركز الأبحاث  
King Faisal Specialist Hospital & Research Centre  
مؤسسة عامة Gen. Org.

**22<sup>nd</sup> CLINICAL RESEARCH PROFESSIONALS' COURSE**  
**Clinical Studies' Designs, Methods & Analysis Module**

**16 - 27 Safar 1439 (05 to 16 November 2017)**  
**Classroom #304, 3rd Floor**  
**Research Centre**

**CLINICAL STUDIES & EMPIRICAL ETHICS DEPARTMENT**  
**King Faisal Specialist Hospital & Research Centre**

Will be submitted for accreditation to:



الهيئة السعودية للتخصصات الصحية  
Saudi Commission for health Specialists



The American Academy for  
Continuing Medical Education

**22<sup>nd</sup> CLINICAL RESEARCH PROFESSIONALS' COURSE (05 to 16 November 2017)**

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ Title / Degree \_\_\_\_\_

Institution: \_\_\_\_\_ Job Title: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Tel No: \_\_\_\_\_ Fax No: \_\_\_\_\_ Mobile No: \_\_\_\_\_

E-mail: \_\_\_\_\_ SCFSH# : \_\_\_\_\_

I would like to register for the 22<sup>nd</sup> CRPC Clinical Studies' Designs, Methods & Analysis Module.

- **Deadline for early bird registration: 28 September 2017 (4 pm)** SR 2,600
- **Deadline for regular registration: 19 October 2017 (4 pm)** SR 3,100

For more information, please contact the Clinical Studies and Empirical Ethics Department

Tel No: +966-11-442-4582 / +966-11-442-4238 - Email: ccr@kshrc.edu.sa

## CLINICAL STUDIES AND EMPIRICAL ETHICS DEPARTMENT

### KING FAISAL SPECIALIST HOSPITAL AND RESEARCH CENTRE

The Clinical Studies and Empirical Ethics Department (CSEED), Research Centre, King Faisal Specialist Hospital and Research Centre (KFSH&RC) is pleased to offer the 22<sup>nd</sup> Clinical Research Professionals' Course (CRPC) - Clinical Studies' Designs, Methods & Analysis Module on 05 - 16 November 2017.

Upon successful completion of the Module, learners are expected to have an in-depth understanding of scientific and statistical concepts underlining the design, methodology, and analysis of clinical studies. They shall learn how to write clinical research proposals, critically appraise clinical research papers, and perform common statistical tests and sample size estimation.

#### COURSE CONTENT:

Topics covered include: statistical significance, confidence interval & clinical importance; diagnostic test evaluation; clinical study designs; n-of-1 trials, philosophy of science; how to write research proposals; hypothesis testing; statistical tests; measurement scales & data management; validity, error & bias; confounders, colliders, modifiers & mediators: casual diagrams; propensity score; proportion ratio, odds ratio, rate ratio: crude, adjusted & stratified; survival analysis and hazard ratio; association, correlation, regression, causation & reproducibility; study methods (controls, sampling & enrollment criteria, assignment & randomization, blinding & outcomes, analysis & meta analysis); sample size estimation; critical appraisal; and beyond current evidence based medicine: emerging concepts. The module includes lectures, quizzes, group presentations, MCQ reviews, and a written exam. **The course is rather advanced and condensed** and given in English from 08:30 to 16:50.

#### CERTIFICATION:

The 21<sup>st</sup> Clinical Studies' Designs, Methods & Analysis Module was awarded 55.25 CME hours by the American Academy of Continuing Medical Education (AACME) and 30 CME hours by the Saudi Commission for Health Specialists. We expect the 22<sup>nd</sup> Module to be accredited similarly. All participants will receive a certificate of attendance indicating the accrued CME hours. Those who fulfil attendance requirement, actively participate in the course quizzes and group presentations, and pass the written exam will receive a Diploma Certificate from the AACME.

## CLINICAL STUDIES AND EMPIRICAL ETHICS DEPARTMENT

### KING FAISAL SPECIALIST HOSPITAL AND RESEARCH CENTRE

#### TARGET AUDIENCE:

Physicians, nurses, pharmacists, and other professionals currently working, or interested in working, in clinical research. The Clinical Studies' Designs, Methods & Analysis Module would be specially suited to individuals who are interested in improving their skills in designing clinical research proposals, analyzing research results, or critically appraising clinical research proposals and papers. **The course is rather advanced and condensed.**

#### ENTRY REQUIREMENTS

Applicants must: 1) hold at least a Bachelor Degree in a healthcare related field with at least one year experience in clinical care or clinical research, 2) have at least basic understanding of statistic and clinical research, 3) be fluent in spoken and written English, and 4) be willing to devote the entire two weeks for learning.

#### HOW TO APPLY:

- 1) Complete the Application Form (or a copy thereof).
- 2) Attach a CV summary/a brief description of any previous experience in clinical research as well as your expectations from attending the course. Please include a contact email.
- 3) Submit 1 and 2 above to CSEED (Fax +955-11-442-4971 or email to ccr@kfshrc.edu.sa).
- 4) The CSEED will contact you to confirm availability of seats and set contact with the faculty to discuss suitability of the module to your needs, if required.
- 5) Deposit the course fee in the CSEED account at Al Rajhi Bank: IBAN #SA 7580000 114608010040049 and fax or email a copy of the receipt to complete your registration.

#### **REGISTRATION FEE:**

- Early bird registration : SR 2,600      Deadline 28 September 2017
- Regular registration Fee : SR 3,100      Deadline 19 October 2017

**Fees are not refundable**